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**No. ELSKYN/WKS/2025/14/PU BHEL HLC** Date: 22.07.2025

**ADRM/OP & Safety/CSMT**

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| Sub: | Intimation regarding the work of “CAMC of M/s BHEL make 2X500 KVA Hotel Load Converter (HLC) for the period of 3 years at ELS/KYN. (PU based Contract)” |
| Ref: | Sr.DFM/CSMT’s letter No: BB/AC/FX-III/ 10108677 Dtd:18.06.2025 (**Copy Enclosed**). |

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A proposal to execute the CAMC as per CLW PO No. 70181125A11381, Dt-17.07.18 issued by Production Unit with OEM M/s BHEL for maintenance of M/s BHEL make 2x500 kVA Hotel Load Converters fitted in WAP7 locomotives according to CAMC terms & conditions have been prepared after approval of Sr. DEE (TRS) Kalyan vide this office note of even no. dated 19.05.2025.

To meet the expenditure of CAMC Detailed Estimate No. ELSKYN/WKS/2025/13/BHEL-HLC-PO dated 28.05.2025 has been prepared based on PO No. 70181125A11381, Dt-17.07.18 at a total cost of Rs. 12,40,943.03 (Including of GST @ 18%) chargeable to 47000 050 555 32.

Sr.DFM/CSMT vide referred letter has vetted the detailed estimate, subject to remarks that “DRM/BB or ADRM/BB needs to be intimated regarding the subject work as per item no 2(C) Part ‘A’ of Model SOP 2018”

It is therefore intimated that the subject work at total cost of Rs. **12,40,943.03** Including 18% GST will be carried out at ELS/KYN in accordance with the approval/sanction granted by the competent authority.

This is for your information please.

DA:- As Above.

नीरज कुमार गर्ग

वरिष्ठ मंडल विद्युत इंजीनियर

(क.च.स्टॉक)कल्याण

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**No. ELSKYN/WKS/2024/47/Siemens HLC** Date: 22.07.2025

**ADRM/OP/CSMT**

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| Sub: | Intimation regarding the work of “CAMC of M/s Siemens make 2X500 KVA Hotel Load Converter (HLC) for the period of 3 years at ELS/KYN.” |
| Ref: | Sr.DFM/CSMT’s letter No: BB/AC/FX-III/10108425 Dtd: 16.06.2025. |

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A new contact is proposed for the CAMC of M/s Siemens make 2X500 KVA Hotel Load Converter (HLC) for the period of 3 years at ELS Kalyan for 38 loco’s as per various POs issued by different PUs according to CAMC terms & conditions and CLW specification no. CLW/AMC/CD&D/03 issued in Feb 2017. The balance quantity of locos covered under the old contract of ELS/KYN (21 Locos) & ELS/AQ (04 locos) and the complete quantity (all three years quantity) of 13 locos whose warranty expiring in FY 25-26 is proposed herewith for CAMC.

Population, Warranty, POs and Costing details of M/s Siemens make 2X500 KVA Hotel Load Converte (HLC) fitted locos are attached as Annexure I.(Pg-28)

The costing details summary of the CAMC as per various POs is mentioned in attached detailed estimate (Pg-6-7) Even though AMC rate is fixed per year, rate is converted to per Day for better calculation purpose.

Now, it is proposed to enter into CAMC as per CLW specification and various Pos issued by PUs with OEM (details mentioned in annexure –I) M/s Siemens for maintenance of M/s Siemens make 2x500 kVA Hotel Load Converters fitted in WAP7 locomotives to ensure genuineness of maintenance.

Total cost of CAMC of M/s Siemens make 2x500 kVA Hotel Load Converters fitted in WAP7 locomotives is Rs. 4,86,76,740.88 ( Inclusive of GST @ 18%)

Sr. DEE(TRS) Kalyan has accorded approval for “CAMC of M/s Siemens make 2X500 KVA Hotel Load Converter (HLC) for the period of 3 years at ELS/KYN, through OEM M/s Siemens” at total cost of **Rs. 4,86,76,740.88 (Rupees Four Crore Eighty-Six Lakhs** **Seventy Six Thousand Seven Hundred Forty and Eighty Eight Paisa Only )** inclusive of GST @ 18% through OEM M/s Siemens vide this office note of even no. dated 11.03.2025.

To meet the expenditure of CAMC Detailed Estimate No. ELSKYN/WKS/2024/48/Siemens HLC-PO dated 13.03.2025 (Pg-6-7) has been prepared based on various POs (Pg-8-27) at a total cost of Rs. 4,86,76,740.88 (Inclusive of GST @18%), chargeable to 47000 050 555 32.

Sr.DFM/CSMT vide referred letter has vetted the detailed estimate, subject to remarks that “DRM/BB or ADRM/BB needs to be intimated regarding the subject work as per item no 2(C) Part ‘A’ of Model SOP 2018”

It is therefore intimated that the subject work at total cost of Rs. **4,86,76,740.88** Including 18% GST will be carried out at ELS/KYN in accordance with the approval/sanction granted by the competent authority.

This is for your information please.

नीरज कुमार गर्ग

वरिष्ठ मंडल विद्युत इंजीनियर

(क.च.स्टॉक)कल्याण

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No. ELSKYN/WKS/2025/12/Oil Filtration Plant Date: 22.07.2025

**ADRM/OP & Safety/CSMT**

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| Sub: | Intimation regarding the work of CAMC of 3000 LPH Transformer Oil Filtration Plant for 05 Years to M/s. Nach Engg. Co. Pvt. Ltd. Pune. |
| Ref: | Sr.DFM/CSMT’s letter No: BB/AC/FX-III/10108613 Dtd:13.06.2025 (Copy Enclosed). |

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A transformer oil filtration plant (Make: NACH Engg. Co. Pvt. Ltd.) was supplied and commissioned on18.03.2023 at ELS/Kalyan by NACH Engg. Co. Pvt. Ltd., Pune vide COFMOW’s AT No. COFMOW /IR/S/P-2/OP-808630 dtd. 08.09.2021.

This transformer oil filtration plant is used to purify and filter oils, removing impurities like solids, dust, water, and other contaminants of conventional locos as well as 3-phase locos. The warranty period of this plant has been completed on 17.03.2025 and the final Preventive maintenance schedule within warranty was carried out on 03.03.2025.

As per Clause 5 of Section IV of COFMOW/IR/S/P-2/OP-808630 dtd. 08.09.2021, CAMC is to be executed as per clause 17 of AT and charges for CAMC for 05 years of this machine have been accepted by COFMOW vide item 1.17. Per year rates for CAMC are Rs. 6,50,000/- excluding GST@18% as per Terms and conditions No 1.17 of the AT. Total cost of CAMC for 05 years will be Rs. 7,67,000/- Including 18% GST as mentioned in price section 1.22 sub point no. 12 of AT.

The scope & conditions of the CAMC shall be as per section-V of bid document part II of AT. The CAMC will be operated as per clause 17 of section-V of bid document part-II of AT.

As this shed does not have facilities and skilled expertise to attend the machine in case of

breakdown as well as spares required for repairs are not available at this shed, it is necessary to commence CAMC of this machine as per COFMOW’s AT under reference.

Sr. DEE/TRS/Kalyan has accorded approval for entering into CAMC already awarded by COFMOW vide office note No.KYN.RS.T.MW/NACH/2025 dtd. 30.04.2025.

To meet the expenditure of CAMC, a Detailed Estimate No. ELSKYN/WKS/2025/09/Oil Filtration Plant dated 16.05.2025 amounting to Rs.7,67,000/- Including 18% GST (Rs. 6,50,000/- Plus 18% GST), based on accepted rates in COFMOW’s AT No. COFMOW /IR/S/P-2/OP-808630 dtd. 08.09.2021, chargeable to revenue (Allocation 47000 070 443 32) has been prepared.

Sr.DFM/CSMT vide referred letter has vetted the detailed estimate, subject to remarks that “DRM/BB or ADRM/BB needs to be intimated regarding the subject work as per item no 2(C) Part ‘A’ of Model SOP 2018”

It is therefore intimated that the subject work at total cost of Rs. 7,67,000/- Including 18% GST will be carried out at ELS/KYN in accordance with the approval/sanction granted by the competent authority.

This is for your information please.

DA: As Above

नीरज कुमार गर्ग

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(क.च.स्टॉक)कल्याण

No. ELSKYN/WKS/Misc. Date: 22-07-2025

**ADRM/OP/CSMT**

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| Sub: | Intimation regarding the execution of works at ELS KYN as per remarks of Sr.DFM subject to which the concurrence/vetting was accorded. |
| Ref: |  |
|  | 1. CAMC of M/s Siemens make 2X500 KVA Hotel Load Converter (HLC) for the period of 3 years at ELS/KYN vetted vide Sr.DFM/CSMT’s letter No: BB/AC/FX-III/10108425 Dtd: 16.06.2025. |
|  | 1. CAMC of M/s BHEL make 2X500 KVA Hotel Load Converter (HLC) for the period of 3 years at ELS/KYN (PU based Contract) vetted vide Sr.DFM/CSMT’s letter No: BB/AC/FX-III/ 10108677 Dtd:18.06.2025. |

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Sr. DEE/TRS/Kalyan has accorded approval for entering into CAMC already awarded by

COFMOW vide office note No. KYN.RS.T.MW/NACH/2025 dtd. 30.04.2025.

To meet the expenditure of CAMC, a Detailed Estimate No. ELSKYN/WKS/2025/09/Oil

Filtration Plant dated 16.05.2025 amounting to Rs.7,67,000/- Including 18% GST (Rs. 6,50,000/- Plus 18% GST), based on accepted rates in COFMOW’s AT No. COFMOW /IR/S/P-2/OP-808630 dtd. 08.09.2021, chargeable to revenue (Allocation 47000 070 443 32) has been prepared and concurred vide reference (1).

Sr.DEE/TRS KYN has accorded his approval for the work under reference (1) vide

Nowadays all PUs (CLW, BLW & PLW) are purchasing HLCs with 5 years warranty as per CLW specification 2X500 KVA IGBT Based Hotel Load Converter to CLW specification no. CLW/ES/3/IGBT/0490 ALT.-D (REV.1) issued on December 2017 along with 3 Years AMC as per CLW specification AMC OF 2 X 500 KVA IGBT based Hotel Load Converter to CLW SPECN. NO CLW/AMC/CD&D/03 issued in Feb 2017.

To meet the expenditure of CAMC for period of 03 years, amounting to Rs.65,34,364.77 inclusive of GST was sent to Sr.DFM/CSMT for vetting of detail estimate. based on accepted rates in PO no. 06171064117138653 dtd. 04.12.2017(Modification dtd. 30.06.2018),21180031101641 dtd. 11.07.2019 & 06181723101069 dtd. 16.06.2020

Sr.DFM/CSMT vide letter no.under reference has vetted the detailed estimate, subject to remarks that “DRM/BB or ADRM/BB needs to be intimated regarding the subject work as per item no 2(C) Part ‘A’ of Model SOP 2018”

It is therefore intimated that a work for “CAMC of MEDHA make IGBT based Hotel Load Converters fitted in WAP7 locomotives of ELS/KYN for a period of 3 years through OEM M/s MEDHA.” at total cost of Rs. 65,34,365 /- Inclusive of 18% will be carried out at ELS/KYN as per terms & condition of CLW SPECN. NO CLW/AMC/CD&D/03 issued in Feb 2017.

This is for your information please.

नीरज कुमार गर्ग

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(क.च.स्टॉक)कल्याण

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| **मध्य रेल**  वरिष्ठ मंडल विद्युत अभियंता (कचस्टॉक) कार्यालय  विद्युत लोको शेड, कल्याण – ४२१ ३०१-  फोन / फैक्स:- 0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301.  Email :- srdeetrskyncrly@gmail.com |

No. ELSKYN/WKS/2024/40/E-70 UMB Date: 19.07.2025

**CELE/HQ/CR**

**(Kind Attention: Shri J Palata Singh, Dy CEE (EM))**

Sub: Overhauling of pneumatic valves of 3 phase locos of E-70 brake system (Including removal of valves, overhauling and testing on test bench & refitment on locomotives) during TOH & IOH under sanctioned Umbrella work, Qty. 50 Locos and during IOH, Qty- 40 Locos.

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The subject RSP item has been sanctioned by Railway Board under RSP Umbrella Work i.e. “Maintenance spares for major overhauling schedule (TOH & IOH) of conventional and 3-phase locomotives” vide PB item no.1233/23-24, 90/24-25, Alloc- CAP, Total Cost Rs.1000 Cr. Under PH-21”

Detailed estimate of the above RSP items has been verified and vetted by WAO/BSL vide e- office note no. # 18 dtd. 26.10.2024(Computer No. 388544). The detailed estimate No. ELS/KYN/RS/RSP/Est./2024/32 has been sanctioned by CELE/CR on 10.12.2024.

Vide HQ letter no. 733.Loco.S.9 dated 09.09.2024, ELS KYN is nominated as centralized agency for execution of sanctioned items enclosed at Annexure-I. (CP-)

Now this work is to be carried out through work contract on Single tender basis. Technical specifications have been prepared based on RDSO SMI- RDSO/2016/EL/SMI/0298 (REV.‘0’) date-06/10/2016 & OEM BQ no. FTRTIPL/CR/KYN/E-70/Maint. dtd.19.09.2024, Tender documents containing Special Conditions, Scope of Work, Payment Terms, Penalty etc and Technical specifications for the subject work has been prepared and is sent herewith for kind approval please. (CP-)

As tender cost of subject work is Rs. 9,25,60,344.60 (All Inclusive), for which SAG/HQ rank officer will be convenor and PHOD/HQ will be accepting authority as per correction slip no. A-6 to Part ‘A’ Works Matters of Model SOP – 2018.

Notes for Item no. 5 (A)(i) item no. 8 of Part A (Works Matter) Model SOP-2018 states that “Powers to call tenders by JAG is restricted up to the value of tenders to be accepted at SAG level” (CP-). It is requested to approve the Tender Documents, including Technical Specifications, and initiate the process for floating and finalizing the tender.

Submitted for approval and further process please.

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| **मध्य रेल**  वरिष्ठ मंडल विद्युत अभियंता (कचस्टॉक) कार्यालय  विद्युत लोको शेड, कल्याण – ४२१ ३०१-  फोन / फैक्स:- 0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301.  Email :- [srdeetrskyncrly@gmail.com](mailto:srdeetrskyncrly@gmail.com) |

No. ELS KYN/WKS/MISC Date: 02/07/2025

**CELE/HQ/CR**

**(Kind Attention: Shri J Palata Singh, Dy CEE (EM)**

Sub: Examination of works by CTE/CVC- Submission of quarterly works progress report

Ref : (i) HQ’s letter No.L.253.AC.CVC dated 21.04.2022

(ii) Dy CVO (Elect) CSMT’s letter No.G.130/CTE/QPR/V.Con

Dtd 21.04.2022

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With reference to above correspondence, required information pertaining to ELS/KYN for the works contracts costing above Rs. 1 Cr in prescribed proforma for the Ist quarter from April-2025 to June-2025 is enclosed herewith.

नीरज कुमार गर्ग

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No. ELSKYN/WKS/2024/40/E-70 UMB Date: 06.06.2025

**CELE/HQ/CR**

**(Kind Attention: Shri J Palata Singh, Dy CEE (EM))**

Sub: HQ’s approval for the work of “Overhauling of pneumatic valves of 3 phase locos of E-70

brake system (Including removal of valves, overhauling and testing on test bench &

refitment on locomotives) during TOH, Qty. 50 Locos and during IOH, Qty- 40 Locos.

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The subject RSP item has been sanctioned Railway Board under RSP Umprella Work “Maintenance spares for major overhauling schedule (TOH & IOH) of conventional and 3-phase locomotives sanctioned vide PB item no.1233/23-24, 90/24-25, Alloc- CAP, Total Cost Rs.1000 Cr. Under PH-21”

Detailed estimate of the above RSP items has been verified and vetted by WAO/BSL. The detailed estimate sanctioned by CELE/CR on 10.12.2024.

Vide HQ letter no. 733.Loco.S.9 dated 09.09.2024, ELS KYN is nominated as centralized agency for execution of sanctioned items enclosed at Annexure-I.

Now this work is to be carried out through work contract on Single tender basis. Technical specifications have been prepared based on RDSO SMI. Tender documents containing Special Conditions, Scope of Work, Payment Terms, Penalty etc and Technical specifications for the subject work has been prepared and is sent herewith for kind approval please.

As tender cost of subject work is Rs. 9,25,60,344.60 (All Inclusive), for which SAG/HQ rank officer will be convenor and PHOD/HQ will be accepting authority as per correction slip no. A-6 to Part ‘A’ Works Matters of SOP – 2018.

Notes for Item no. 5 (A)(i) item no. 8 of Part A Works Matter- SOP-2018 states that “Powers to call tenders by JAG is restricted up to the value of tenders to be accepted at SAG level”, so it is requested to float the tender and finalise the tender

Submitted for approval and further process please.

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| **मध्य रेल**  वरिष्ठ मंडल विद्युत अभियंता (कचस्टॉक) कार्यालय  विद्युत लोको शेड, कल्याण – ४२१ ३०१-  फोन / फैक्स:- 0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301.  Email :- srdeetrskyncrly@gmail.com |

No. ELS KYN/WKS/MISC Date: 15.05.2025

**PCEE/HQ/CR**

**(Kind Attention: Shri Suresh Kumar Gupta, Dy CEE (D & G)**

**Sub: -** Deficiency of Drawing Cadre Supervisors at ELS/KYN

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The present vacancy position of Drawing Cadre supervisors/ staff at ELS/Kalyan is as under:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Category | Sanctioned Strength | Man On Role | Vacancy | Percentage |
| Drawing Cadre Supervisors/ staff | 5 | 3 | 2 | 40 % |

There are three sections at ELS/KYN viz DRG, M&P & Works in which drawing Cadre supervisors are to be nominated to look after the section work.

These section looks after the drawing requirement of shed, planning of machinery and plant for the existing infrastructure & loco maintenance and execution of works & service tenders. This includes, preparation of new drawings, modification of existing drawings, sanctioning of M&P, RSP, RRSK programs from the Railway Board/ HQ, account concurrence, vetting, processing tenders, finalizing tenders, processing agreements, bills, correspondence with other shed/other departments.

Currently there are only 03 supervisors of drawing cadre at ELS/KYN, out of which 02 are working under SSE/DRG and 01 is working under SSE/Works and there is no drawing cadre supervisor for M&P.

Loco holding of ELS/KYN has increased from 189 to 227 in the past 10 years. Proportionately work of Drawing, M&P & Works section also increased. Planning of Machinery and plants for existing infrastructure and loco maintenance, planning of M&P for new arriving locos and future augmentation is at its peak due to increased holding of locos.

The last recruitment supervisor in DRG cadre was done in July- 2020 (Only 01 No. supervisor appointed) after that there is no recruitment of DRG cadre supervisor done at ELS/KYN. Due to the shortage of supervisors, above-mentioned work is hampering and timely execution of contracts and its management system is being delayed.

Therefore, for the increased work in these sections the dedicated drawing cadre supervisors are must.

You are requested to kindly fulfill the minimum sanctioned strength of Drawing Cadre Supervisors for smooth and timely operation of DRG, M&P and Works sections activities.

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No. ELS KYN/WKS/MISC Date: 09/04/2025

**PCEE/HQ/CR**

**(Kind Attention: Shri J Palata singh, Dy CEE (EM)**

**Sub: -** Study visit of Standing Committee on LABOUR, Textile & Skill Development to Mumbai, Kochi & Bengaluru from 17 to 21 January 2025.

**Ref: -** i. CEGE’s office letter No. L/383/MP/LG Dated 26.03.2025

ii. DGM’s office letter No. G/187/SCLTS/2025 Dated.18.03.2025.

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The study visit of standing committee on Labour, Textile & Skill Development was held on 17.01.2025 at Mumbai. The points raised by the Hon’ble Chairman & Members of the said committee are given below:

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| **Sr. No.** | **Question** | **Remarks** |
| **1** | Chairman: What are the conditions of contractual labours regarding their wages, their health, education and other social security schemes, bonus, gratuity, PF ESI, etc. If minimum wages are not paid then what is the grievances redressal mechanism. | No such grievances received. |
| **2** | Chairman: If salary is not paid on time or less salary is paid then what is the grievance redressal mechanism that you are using because Railways has different kinds of works including scavenging: so how are you dealing with that? | No such grievances received. |
| **3** | Chairman: Is the salary directly deposited in their bank accounts or not.?? | No. |
| **4** | Chairman: To avoid this problem why the payment cannot be made by CR’s bank account directly to the worker’s bank account and remove the role of contractor. | As per contract terms payment is to be made to bank account of contractor. |
| **5** | श्री नरेश बंसल: आपने प्रेजेंटेशन में बताया कि लेबर्स को महीने में 11 दिन की सेलरी मिलती है तो क या रेल्वे उन्हें 11 दिन ही काम देती है ? | Not Applicable. |
| **6** | श्री नरेश बंसल :यदि कर्मचारी अलग अलग स्थानों पर काम कर रहा है तो क्या उस अनुपात में उसके ई एस आई पीएफ आदि की गणना करने की कोई व्यवस्था है | Not Applicable. |
| **7** | Chairman: If there are workers who work just for a certain number of days. Why are you not able to provide them work for remaining days? | As per contract terms this is not in the scope of railways. |
| **9** | Shri Naresh Bansal: The coach attendants who are on contract basis in the train do not get holidays and have to work extra time which is explitation. They don’t get paid on time. | Not pertains to this administration. |
| **10** | Chairman: It is the duty of Railways to check that the labours employed by the contractor are not being exploited. | Noted. |

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वरि०मंडल विद्युत् इंजिनियर

(क.च.स्टॉक)कल्याण

**MEETING WITH STANDING COMMITTEE ON LABOUR, TEXTILES AND SKILL DEVELOPMENT HELD AT MUMBAI ON 17.01.2025**

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| **Sr. No.** | **Question** | **Remarks** |
| **1** | Chairman: What are the conditions of contractual labours regarding their wages, their health, education and other social security schemes, bonus, gratuity, PF ESI, etc. If minimum wages are not paid then what is the grievances redressal mechanism. . | There is a provision of complaint box |
| **2** | Chairman: If salary is not paid on time or less salary is paid then what is the grievance redressal mechanism that you are using because Railways has different kinds of works including scavenging: so how are you dealing with that? | There is a provision of complaint box for labours. No dispute in last 2 years. |
| **3** | Chairman: Is the salary directly deposited in their bank accounts or not.?? | No. |
| **4** | Chairman: To avoid this problem why the payment cannot be made by CR’s bank account directly to the worker’s bank account and remove the role of contractor. | Not pertains to this administration. |
| **5** | Shri Naresh Bansal: Why labours gets only 11 days salary in a month, does Railway gives only 11 days works to them. | The contracts are awarded on activity basis, which is depend on availability of locomotives. |
| **6** | Shri Naresh Bansal: Is their any system which can calculate the labour is getting proportionate ESI, PF in case he works in a different place. | Not pertains to this administration. |
| **7** | Chairman: If there are workers who work just for a certain number of days. Why are you not able to provide them work for remaining days? | The contracts are awarded on activity basis, which is depend on availability of locomotives. |
| **9** | Shri Naresh Bansal: The coach attendants who are on contract basis in the train do not get holidays and have to work extra time which is explitation. They don’t get paid on time. | Not pertains to this administration. |
| **10** | Chairman: It is duty of Railways to check that the labours employed by the contractor are not being exploited. | Noted. |

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| **मध्य रेल**  वरिष्ठ मंडल विद्युत अभियंता (कचस्टॉक) कार्यालय  विद्युत लोको शेड, कल्याण – ४२१ ३०१-  फोन / फैक्स:- 0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301.  Email :- [srdeetrskyncrly@gmail.com](mailto:srdeetrskyncrly@gmail.com) |

No. ELSKYN/WKS/2024/40/E-70 UMB Date: 27.03.2025

**CELE/HQ/CR**

**(Kind Attention: Shri J Palata Singh, Dy CEE (EM))**

Sub: HQ’s approval for the work of “Overhauling of pneumatic valves of 3 phase locos of E-70

brake system (Including removal of valves, overhauling and testing on test bench &

refitiment on locomotives) during TOH, Qty. 50 Locos and during IOH, Qty- 40 Locos.

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The subject RSP item has been sanctioned Railway Board under RSP Umprella Work “Maintenance spares for major overhauling schedule (TOH & IOH) of conventional and 3-phase locomotives sanctioned vide PB item no.1233/23-24, 90/24-25, Alloc- CAP, Total Cost Rs.1000 Cr. Under PH-21”

Detailed estimate of the above RSP items has been verified and vetted by WAO/BSL. The detailed estimate sanctioned by CELE/CR on 10.12.2024.

Vide HQ letter no. 733.Loco.S.9 dated 09.09.2024, ELS KYN is nominated as centralized agency for execution of sanctioned items enclosed at Annexure-I.

Now this work is to be carried out through work contract on Single tender basis. Technical specifications have been prepared based on RDSO SMI. Tender documents containing Special Conditions, Scope of Work, Payment Terms etc and Technical specifications for the subject work has been prepared and is sent herewith for kind approval please.

As tender cost of subject work is Rs. 9,25,60,344.60 (All Inclusive), for which SAG/HQ rank officer will be converer and PHOD/HQ will acceptiong authority so it is kindly requested to float the tender and finalized the teneder

Submitted for approval and further process please.

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No. ELSKYN/WKS/2024/40/E-70 UMB Date: 27.03.2025

**CELE/HQ/CR**

**(Kind Attention: Shri J Palata Singh, Dy CEE (EM))**

Sub: HQ’s approval for the work of “Overhauling of pneumatic valves of 3 phase locos of E-70

brake system (Including removal of valves, overhauling and testing on test bench &

refitiment on locomotives) during TOH, Qty. 50 Locos and during IOH, Qty- 40 Locos.

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The subject RSP item has been sanctioned Railway Board under RSP Umprella Work “Maintenance spares for major overhauling schedule (TOH & IOH) of conventional and 3-phase locomotives sanctioned vide PB item no.1233/23-24, 90/24-25, Alloc- CAP, Total Cost Rs.1000 Cr. Under PH-21”

Detailed estimate of the above RSP items has been verified and vetted by WAO/BSL. The detailed estimate sanctioned by CELE/CR on 10.12.2024.

Vide HQ letter no. 733.Loco.S.9 dated 09.09.2024, ELS KYN is nominated as centralized agency for execution of sanctioned items enclosed at Annexure-I.

Now this work is to be carried out through work contract on Single tender basis. Technical specifications have been prepared based on RDSO SMI. Tender documents containing Special Conditions, Scope of Work, Payment Terms etc and Technical specifications for the subject work has been prepared and is sent herewith for kind approval please.

If approved this tender will be prepared on IREPS and uploaded by adopting GCC April-2022 vide Railway Board’s letter No. 2022/CE-I/CT/GCC-2022/Policy dated 27-04-2022 and Amendment to GCC April 2022 Correction slip No.2022/CE-I/CT/GCC-2022/Policy dated 14.07.2022 or its latest.

Proposed tender opening date and time would be 21 days from the date of approval.

Submitted for approval please.

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**No.ELS KYN/WKS/2023/10/FDCS-Medha Date: 26.03.2025**

**CELE/CR**

**(Kind Attention: Shri J Palata Singh, Dy CEE (EM)**

Sub: Comprehensive Annual Maintenance Contract (AMC) of M/s Medha Make (MPCS) (FDCS) at Electric Loco Shed, Bhusawal, Kalyan

Ref: Your Office letter No.L.253.AC/AMC dated 23.07.2016

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In reference to your office letter ELS/BSL has been nominated for processing AMC of Medha make FDCS. Accordingly, a works contract for CAMC of Medha make Ver. 2 & Ver.3 FDCS has been awarded by ELS/BSL to M/s Medha Servo Drives Pvt. Ltd. Vide LOA No.BHUSAWAL DIVISION- ELECTRICAL/ BSL-TRS-TENDER-2023-13/00987030096072 dated 24.01.2024.

At the time of estimate preparation ver.3 FDCS of ELS/KYN was in warranty hence it was not proposed, and tender was called for only Ver.2 FDCS. Later, some locos ver.3 FDCS warranty expired and on request from this office ELS/BSL included 1st 10 locos for 1 year and additional 03 locos for another 02 quarters.

Now, 42 Nos. ver.3 FDCS are going out of warranty in the next 18 month, therefore, to maintain FDCS in healthy condition and to ensure relalbility of locomotives this office is in need of CAMC contract for ver.3 at ELS/KYN through OEM.

Hence it is requested, kindly nominate the tender processing shed for “CAMC of M/s Medha make FDCS ver.3 at ELS/KYN for 42 Nos. locomotives (13,685 Loco days).

नीरज कुमार गर्ग

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(क.च.स्टॉक)कल्याण

**No. ELSKYN/WKS/2024/19/Loco-Condemnation-2                         Date: 30.10.2024**

**CELE CR**

**Sub:-**Vetting for Condemnation of under aged loco No. 21864, 21871 & 21877 WCAM-2 of ELS/KYN.

**Ref: - i**) This Office Note No. ELSKYN.Tech.110/05 dated 10.09.2024 (for Loco No.21871) ([CP: 15](ModalCorrespondenceView?corId=2427034&individualPageNo=3&cpage=15&fileId=392478&type=Receipt&mId=4613511))

**ii)**This Office Note No. ELSKYN.Tech.110/07 dated 11.09.2024 (for Loco No.21864) (CP: [182](ModalCorrespondenceView?corId=2427996&individualPageNo=1&cpage=182&fileId=392478&type=Receipt&mId=4614986) , [1](ModalCorrespondenceView?corId=2427030&individualPageNo=1&cpage=1&fileId=392478&type=Receipt&mId=4613510))

**iii)**This Office Letter No. ELSKYN.Tech.110/09 dated 12.09.2024(for Loco No.21877) ([CP: 29](ModalCorrespondenceView?corId=2427038&individualPageNo=4&cpage=29&fileId=392478&type=Receipt&mId=4613512))

**iv)**PCEE/CR/Office Letter No. L.253.AC.73 Vol-VII dated 18.09.2024 (for all locos) ([CP:22](ModalCorrespondenceView?corId=2427034&individualPageNo=10&cpage=22&fileId=392478&type=Receipt&mId=4613511) )

**v)**CWM office, BSL Letter no. BSL/ELW/Tech/F-12 dtd 10.09.2024 ([CP: 20](ModalCorrespondenceView?corId=2427034&individualPageNo=8&cpage=20&fileId=392478&type=Receipt&mId=4613511) )

**vi)** WAAO/BSL e-office [note no. #9](ModalNotingsView?fileId=87123d7c9f9148d5b4f5522ab83b746c&category=Note&noteId=9&ver=3.1)  & [note no. #11](ModalNotingsView?fileId=87123d7c9f9148d5b4f5522ab83b746c&category=Note&noteId=11&ver=3.1)

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The proposal for the condemnation of premature Loco No. 21864, 21871 & 21877 WCAM-2  due to  deformed camber and inferior superstructure, other major equipment (viz. Bogie, TM & SIV etc) basis has been forward  by this office to WAAO/BSL for vetting vide [Note #1](ModalNotingsView?fileId=87123d7c9f9148d5b4f5522ab83b746c&category=Note&noteId=1&ver=3.1)

WAAO/BSL vide [Note#11](ModalNotingsView?fileId=87123d7c9f9148d5b4f5522ab83b746c&category=Note&noteId=11&ver=3.1)  has vetted the proposal subject to condition on which remarks are stated below:

Sr.DEE(TRS)Kalyan is requested to please approve the above remarks and forward the case to HQ for compliance of Point 1 of WAAO/BSL condition i.e "Proposal should be sent to Railway Board accompanied by PCEE’s Approval and with concurrence of FA&CAO in terms of item No.A.2(b) of Railway Board’s letter No. 2021/M(L)466/12 Pt New Delhi, dated 29.12.2022 duly compliance to all conditions as laid down thereon"

No. ELSKYN/WKS/2024/40/E-70 UMB Date: 24.02.2025

**CELE/HQ/CR**

Sub: HQ’s approval for Technical Specifications for the work of “Overhauling of Pneumatic valves of 3-phase locos of E-70 Brake system (Including removal of valves, overhauling and testing on test bench & re-fitment on locomotives) for major overhauling schedule during TOH & IOH under sanctioned RSP Umbrella Work, at ELS KYN/AQ/BSL & PADX ”

Ref:- 1) Railway’s Board vide letter no. 2024/Elect(TRS)/441/1 dtd. 02.09.2024

2) HQ’s letter no. l.733.Loco.S.9 dtd. 09.09.2024

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The subject work has been sanctioned under RSP Umbrella Work of “Maintenance spares for major overhauling schedule (TOH & IOH) of conventional locomotives sanctioned vide PB item no. 1233/23-24, 90/24-25, Alloc-CAP under PH-21, vide Rly Board’s letter under ref. 1

Detailed estimate for the subject work during Major schedules (TOH & IOH) were prepared and sent to WAO/ELW/BSL for vetting, same has been verified & vetted on 07.11.2024. The Detailed Estimate has been sanctioned by CELE/CR on 10.12.2024

PCEE/CR’s office vide letter under ref. 2, distributed these items among sheds/shops of central Railway alongwith nominated agency for centralized execution as enclosed in Annexure-I& Annexure-II. Thus ELS/ KYN is nominated shed for centralized execution of the subject work.

Single tender for this work is to be invited from OEM M/s Faiveley Transport Rail Technologies India Private Limited- Hosur. Technical specification for the subject work has been prepared based on RDSO SMI No. RDSO/2016/EL/SMI/0298 (Rev. '0') dated 06/10/2016 & BQ of OEM M/s FTRTIPL dated 19/09/2024, This Technical pecifications is sent herewith for approval. (Pg- )

It is requested to kindly accord approval to the technical specification for subject work to process the same through works contract on single Tender basis at Zonal level through OEM. M/s Faiveley Transport Rail Technologies India Private Limited- Hosur.

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| **मध्य रेल**  वरिष्ठ मंडल विद्युत अभियंता (कचस्टॉक) कार्यालय  विद्युत लोको शेड, कल्याण – ४२१ ३०१-  फोन / फैक्स:- 0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301.  Email :- srdeetrskyncrly@gmail.com |

No. ELS KYN/WKS/MISC-Arbitration Date: 12/02/2025

**CELE/HQ/CR**

**(Kind Attention: Shri J Palatasingh, Dy CEE (EM)**

Sub: Information about Arbitrations Cases.

Ref : HQ’s letter No.L.253.AC.Misc-Vol.VIII dated 28.01.2025

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With reference to HQ’s letter under reference, it is stated that the arbitration cases pertaining to electrical department for the year 2021-22 to 2023-24 is **NIL**

This is for your information please.

**(ASHISH GUPTA)**

**DEE(TRS) KYN**

**For Sr.DEE(TRS)Kalyan**

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No. ELSKYN/WKS/Misc. Date: 09.01.2025

**ADRM/OP/CSMT**

Sub: Intimation regarding the work of CAMC of MEDHA make IGBT based Hotel Load Converters fitted in WAP7 locomotives of ELS/KYN for a period of 3 years through OEM M/s MEDHA.

Ref : (i)Sr.DFM/CSMT’s letter No. BB/AC/FX-III/10107533 dated 29.11.2024

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At present out of total 69 HLC Fitted ELS KYN based locos, 16 Locos Equipped with MEDHA make IGBT based 2 X 500 KVA Hotel Load converters, 7 locos are already covered under CAMC awarded vide LOA no. ELS-KYN-ELECTRICAL/ ELSKYNWKS202131-MEDHA-HLC/00987030060213 Dated: 18/08/2022 and 01 Loco CAMC work was awarded by DLS Pune and remaining locos are also covered under AMC by respective PUs through various POs and will be handed over for AMC after expiry of warranty.

As on date 02 HLC fitted locos whose warranty is already expired, 01 loco warranty will expire in March-25, 02 locos warranty will expire in 2025-26 and 03 locos warranty will expire in 2026-27 and are proposed to handover according to their warranty expiry.

Nowadays all PUs (CLW, BLW & PLW) are purchasing HLCs with 5 years warranty as per CLW specification 2X500 KVA IGBT Based Hotel Load Converter to CLW specification no. CLW/ES/3/IGBT/0490 ALT.-D (REV.1) issued on December 2017 along with 3 Years AMC as per CLW specification AMC OF 2 X 500 KVA IGBT based Hotel Load Converter to CLW SPECN. NO CLW/AMC/CD&D/03 issued in Feb 2017.

To meet the expenditure of CAMC for period of 03 years, amounting to Rs.65,34,364.77 inclusive of GST was sent to Sr.DFM/CSMT for vetting of detail estimate. based on accepted rates in PO no. 06171064117138653 dtd. 04.12.2017(Modification dtd. 30.06.2018),21180031101641 dtd. 11.07.2019 & 06181723101069 dtd. 16.06.2020

Sr.DFM/CSMT vide letter no.under reference has vetted the detailed estimate, subject to remarks that “DRM/BB or ADRM/BB needs to be intimated regarding the subject work as per item no 2(C) Part ‘A’ of Model SOP 2018”

It is therefore intimated that a work for “CAMC of MEDHA make IGBT based Hotel Load Converters fitted in WAP7 locomotives of ELS/KYN for a period of 3 years through OEM M/s MEDHA.” at total cost of Rs. 65,34,365 /- Inclusive of 18% will be carried out at ELS/KYN as per terms & condition of CLW SPECN. NO CLW/AMC/CD&D/03 issued in Feb 2017.

This is for your information please.

नीरज कुमार गर्ग

वरिष्ठ मंडल विद्युत इंजिनियर

(क.च.स्टॉक)कल्याण

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| **मध्य रेल**  वरिष्ठ मंडल विद्युत अभियंता (कचस्टॉक) कार्यालय  विद्युत लोको शेड, कल्याण – ४२१ ३०१-  फोन / फैक्स:- 0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301.  Email :- srdeetrskyncrly@gmail.com |

No. ELSKYN/WKS/Misc. Date: 09.01.2025

**ADRM/OP/CSMT**

Sub: Intimation regarding the work of (Supply, Installation, Commissioning & Testing of OHE 25 KV Supply presence /absence indicator system on inspection & testing lines. (Line No.1 To 4 both end)

Ref : (i)Sr.DFM/CSMT’s letter No. BB/AC/FX-III/10107729 dated 02.01.2025

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At Electric loco shed kalyan, there are 4 nos OHE Equipped inspection pit lines available. Daily inspection loco are placed on these lines. This OHE line is charged by 25KV, during inspection of loco roof OHE is to be Isolated for safe working. At present staff ensures line is live or isolated visually before climbing on loco roof. There is No indicator system available in shed to check line is charged or off. If this system available staff can find out from long distance the line is fully charged or off condition.

Therefore, to avoid any accident due to charged OHE it is proposed to provide a system for checking presence or absence of OHE. This arrangement is required for both ends of inspection pit hence total-8 Units are required for 04 inspection lines.

A proposal for “Supply, Installation, Commissioning & Testing of OHE 25 KV Supply presence /absence indicator system on inspection & testing lines. (Line No.1 To 4 both end)” at total cost of Rs. 5,89,109 /- (All inclusive) on open tender basis in terms of item in 2 (C) Part A of Model SOP 2018 was sent to Sr.DFM/CSMT for concurrence and vetting of detail estimate.

Sr.DFM/CSMT vide letter under reference has concurred the proposal and vetted the detailed estimate, subject to remarks that “DRM/BB or ADRM/BB needs to be intimated regarding the subject work as per item no 2(C) Part ‘A’ of Model SOP 2018”

It is therefore intimated that a work for “Supply, Installation, Commissioning & Testing of OHE 25 KV Supply presence /absence indicator system on inspection & testing lines. (Line No.1 To 4 both end)” at total cost of Rs. 5,89,109 /- (All inclusive) is being carried out on open tender basis at ELS/KYN.

This is for your information please.

नीरज कुमार गर्ग

वरिष्ठ मंडल विद्युत इंजिनियर

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No. ELS KYN/WKS/MISC Date: 01/01/2025

**CELE/HQ/CR**

**(Kind Attention: Shri J Palata Singh, Dy CEE (EM)**

Sub: Examination of works by CTE/CVC- Submission of quarterly works progress report

Ref : (i) HQ’s letter No.L.253.AC.CVC dated 21.04.2022

(ii) Dy CVO (Elect) CSMT’s letter No.G.130/CTE/QPR/V.Con

Dtd 21.04.2022

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With reference to above correspondence, required information pertaining to ELS/KYN for the works contracts costing above Rs. 1 Cr in prescribed proforma for the third quarter from Sep-2024 to Dec-2024 is enclosed herewith.

नीरज कुमार गर्ग

वरि०मंडल विद्युत् इंजिनियर

(क.च.स्टॉक)कल्याण

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**No. ELSKYN/WKS/2024/20/BHEL Propulsion Date: 27.11.2024**

**PCEE/CR**

**(Kind Attention: Shri J Palata Singh, Dy CEE (EM)**

Sub: CAMC of BHEL make Propulsion locos fitted in WAP7 locomotives of ELS/KYN for a period of 3 years through OEM M/s BHEL

Ref: This office's LOA No. ELSKYNWKS/2024/20 BHEL Propulsion dated 18.10.2024.

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The subject work has been awarded to M/s BHARAT HEAVY ELECTRICALS LIMITED-NEW DELHI vide LOA under reference. As per clause No. 4 of CLW’s specification No.CLW/AMC/C-D&D/01 of March 2016 according to which said CAMC is to be executed, “the contractor shall arrange men and material at the designated sheds with immediate effect or maximum within 02 weeks of information of Railways”.

More than 01 month has been passed since the date of issue of LOA, M/s BHEL have not started the CAMC till date.

It is regretted to state that after the passing of more than 01 month, the work has not started yet by M/s BHEL. The Locos are running out of warranty, hence immediate commencement of work is urgently required.

Hence it is requested, kindly raise the matter with the higher authority, PUs CLW/BLW & advise M/s BHE to start the CAMC work without delay.

नीरज कुमार गर्ग

वरि०मंडल विद्युत् इंजिनियर

(क.च.स्टॉक)कल्याण

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| SN | Finance Observation | Remarks |
| 1 | Proposal should be sent to Railway Board accompanied by PCEE’s Approval and with concurrence of FA&CAO in terms of item No.A.2(b) of Railway Board’s letter No. 2021/M(L)466/12 Pt New Delhi, dated 29.12.2022 duly compliance to all conditions as laid down thereon. | Noted. |
| 2 | Parts/Material condemned should be disposed off as per the procedure. | Parts/Material condemned will be disposed off as per the procedure. |
| 3 | Arrangement to be made for proper accountability of serviceable items/salvaged items and for carrying out the necessary write back adjustment duly ensuring funds provision. | Noted. |
| 4 | It should be ensured that useful & serviceable material is removed from loco and used as spares for other locomotives duly accounting the same in the inward register maintained by shed. | Will be ensured. |
| 5 | All the relevant documents as provided by department shall be placed in the file when submitting for concurrence. | Noted |
| 6 | Proper procedure for disposal of the condemned loco to be followed. | Noted |
| 7 | All the usable equipment released from the locos are taken out and used as  spares, duly adjusting pending demands against RSP. | Noted |
| 8 | Estimate for write back adjustment of capital cost being furnished for vetting. | Estimate will be submitted for vetting. |
| 9 | Rly Board’s is invariably kept informed of the condemnation of the above loco | Railway Board’s has informed through HQ. ref. |
| 10 | Rly Board’s prior approval is obtained if it is not proposed to replace the condemned loco, thereby implying reduction in authorized stock. | Noted |

**No. ELSKYN/WKS/2024/19/Loco-Condemnation-2                         Date: 30.10.2024**

**CELE CR**

**Sub:-**Vetting for Condemnation of under aged loco No. 21864, 21871 & 21877 WCAM-2 of ELS/KYN.

**Ref: - i**) This Office Note No. ELSKYN.Tech.110/05 dated 10.09.2024 (for Loco No.21871) ([CP: 15](ModalCorrespondenceView?corId=2427034&individualPageNo=3&cpage=15&fileId=392478&type=Receipt&mId=4613511))

**ii)**This Office Note No. ELSKYN.Tech.110/07 dated 11.09.2024 (for Loco No.21864) (CP: [182](ModalCorrespondenceView?corId=2427996&individualPageNo=1&cpage=182&fileId=392478&type=Receipt&mId=4614986) , [1](ModalCorrespondenceView?corId=2427030&individualPageNo=1&cpage=1&fileId=392478&type=Receipt&mId=4613510))

**iii)**This Office Letter No. ELSKYN.Tech.110/09 dated 12.09.2024(for Loco No.21877) ([CP: 29](ModalCorrespondenceView?corId=2427038&individualPageNo=4&cpage=29&fileId=392478&type=Receipt&mId=4613512))

**iv)**PCEE/CR/Office Letter No. L.253.AC.73 Vol-VII dated 18.09.2024 (for all locos) ([CP:22](ModalCorrespondenceView?corId=2427034&individualPageNo=10&cpage=22&fileId=392478&type=Receipt&mId=4613511) )

**v)**CWM office, BSL Letter no. BSL/ELW/Tech/F-12 dtd 10.09.2024 ([CP: 20](ModalCorrespondenceView?corId=2427034&individualPageNo=8&cpage=20&fileId=392478&type=Receipt&mId=4613511) )

**vi)** WAAO/BSL e-office [note no. #9](ModalNotingsView?fileId=87123d7c9f9148d5b4f5522ab83b746c&category=Note&noteId=9&ver=3.1)  & [note no. #11](ModalNotingsView?fileId=87123d7c9f9148d5b4f5522ab83b746c&category=Note&noteId=11&ver=3.1)

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The proposal for the condemnation of premature Loco No. 21864, 21871 & 21877 WCAM-2  due to  deformed camber and inferior superstructure, other major equipment (viz. Bogie, TM & SIV etc) basis has been forward  by this office to WAAO/BSL for vetting vide [Note #1](ModalNotingsView?fileId=87123d7c9f9148d5b4f5522ab83b746c&category=Note&noteId=1&ver=3.1)

WAAO/BSL vide [Note#11](ModalNotingsView?fileId=87123d7c9f9148d5b4f5522ab83b746c&category=Note&noteId=11&ver=3.1)  has vetted the proposal subject to condition on which remarks are stated below:

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| SN | Finance Observation | Remarks |
| 1 | Proposal should be sent to Railway Board accompanied by PCEE’s Approval and with concurrence of FA&CAO in terms of item No.A.2(b) of Railway Board’s letter No. 2021/M(L)466/12 Pt New Delhi, dated 29.12.2022 duly compliance to all conditions as laid down thereon. | Noted. |
| 2 | Parts/Material condemned should be disposed off as per the procedure. | Parts/Material condemned will be disposed off as per the procedure. |
| 3 | Arrangement to be made for proper accountability of serviceable items/salvaged items and for carrying out the necessary write back adjustment duly ensuring funds provision. | Noted. |
| 4 | It should be ensured that useful & serviceable material is removed from loco and used as spares for other locomotives duly accounting the same in the inward register maintained by shed. | Will be ensured. |
| 5 | All the relevant documents as provided by department shall be placed in the file when submitting for concurrence. | Noted |
| 6 | Proper procedure for disposal of the condemned loco to be followed. | Noted |
| 7 | All the usable equipment released from the locos are taken out and used as  spares, duly adjusting pending demands against RSP. | Noted |
| 8 | Estimate for write back adjustment of capital cost being furnished for vetting. | Estimate will be submitted for vetting. |
| 9 | Rly Board’s is invariably kept informed of the condemnation of the above loco | Noted |
| 10 | Rly Board’s prior approval is obtained if it is not proposed to replace the condemned loco, thereby implying reduction in authorized stock. | Noted, will be compiled. |

Sr.DEE(TRS)Kalyan is requested to please approve the above remarks and forward the case to HQ for compliance of Point 1 of WAAO/BSL condition i.e "Proposal should be sent to Railway Board accompanied by PCEE’s Approval and with concurrence of FA&CAO in terms of item No.A.2(b) of Railway Board’s letter No. 2021/M(L)466/12 Pt New Delhi, dated 29.12.2022 duly compliance to all conditions as laid down thereon"

**PCEE**

**CLW**

Sub: Not starting the work of CAMC of M/s BHEL make IGBT based Traction Converters and Auxiliary Converters fitted in 3-phase locomotives of ELS/KYN for a period of 3 years through OEM

Ref: LOA No. ELS-KYN-ELECTRICAL/ ELSKYNWKS 2021 16

BHEL \_TC \_AC/ 00033440062847 dated 29.09.2022.

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Vide above referred LOA a contract for the subject work has been awarded to M/s Bharat Heavy Electricals Limited- New Delhi, but even after passing of 24 months, the work of CAMC has not been started by M/s BHEL- New Delhi.

Many reminders and telephonic talks have been done with firm, but no positive response is received fron firm.

In this work 09 locos are covered, these locos are used in push- pull Rajdhani express 22221/22222. Locos are running out of warranty in such situation we cannot run the locomotives without BHEL’s support.

You are requested to impress upon M/s BHEL- New Delhi to start the CAMC work in ELS/Kalyan at the earliest.

अनंत सदाशिवा

सीईएलई / सीआर

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| **मध्य रेल**  वरिष्ठ मंडल विद्युत अभियंता (कचस्टॉक) कार्यालय  विद्युत लोको शेड, कल्याण – ४२१ ३०१-  फोन / फैक्स:- 0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301.  Email :- [srdeetrskyncrly@gmail.com](mailto:srdeetrskyncrly@gmail.com) |

**No. ELSKYN/WKS/2021/16/IGBT AMC/BHEL Date: 15.10.2024**

**CELE/HQ/CR**

Sub: Comprehensive Annual Maintenance Contract (CAMC) of M/s BHEL make IGBT based Traction Converters and Auxiliary Converters fitted in 3-phase locomotives of ELS/KYN for a period of 3 years through OEM

Ref: (i) This office's LOA No. ELS-KYN-ELECTRICAL/ ELSKYNWKS 2021 16

BHEL \_TC \_AC/ 00033440062847 dated 29.09.2022.

(ii) This office Reminder- 4 vide letter of even no. dated 22.12.2023

(iii) Reminder- 5 vide letter of even no. dated 24.02.2024

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A contract for the subject work has been awarded to M/s BHARAT HEAVY ELECTRICALS LIMITED-NEW DELHI vide LOA under Ref.1

As per clause No.4 of CLW’s specification No.CLW/AMC/C-D&D/01 of March 2016 according to which said CAMC is to be executed, “the contractor shall arrange men and material at the designated sheds with immediate effect or **maximum within 02 weeks of information of Railways”**.

It is regretted to state that after passing of more than 24 months, the work has not started yet by M/s BHEL-New Delhi. This office has given many reminders to firm through various letters (Ref.ii & iii) and also informed telephonically to start the CAMC work, against which no positive response received from firms end.

Locos are running out of warranty. Despite frequent reminders and even after 24 months of issuance of LOA M/s BHEL-Delhi have neither started the CAMC nor submitted any planning for the same.

Hence it is requested, kindly raise the matter with the higher authority & advise M/s BHEL-Delhi to start the CAMC work without delay.

नीरज कुमार गर्ग

वरि०मंडल विद्युत् इंजिनियर

(क.च.स्टॉक)कल्याण

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| **मध्य रेल**  वरिष्ठ मंडल विद्युत अभियंता (कचस्टॉक) कार्यालय  विद्युत लोको शेड, कल्याण – ४२१ ३०१-  फोन / फैक्स:- 0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301.  Email :- srdeetrskyncrly@gmail.com |

No. ELS KYN/WKS/MISC Date: 04/10/2024

**CELE/HQ/CR**

Sub: Examination of works by CTE/CVC- Submission of quarterly works progress report

Ref : (i) HQ’s letter No.L.253.AC.CVC dated 21.04.2022

(ii) Dy CVO (Elect) CSMT’s letter No.G.130/CTE/QPR/V.Con

Dtd 21.04.2022

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With reference to above correspondence, required information pertaining to ELS/KYN for the works contracts costing above Rs. 1 Cr in prescribed proforma for the third quarter from July-2024 to Sep-2024 is enclosed herewith.

नीरज कुमार गर्ग

वरि०मंडल विद्युत् इंजिनियर

(क.च.स्टॉक)कल्याण

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| **मध्य रेल**  वरिष्ठ मंडल विद्युत अभियंता (कचस्टॉक) कार्यालय  विद्युत लोको शेड, कल्याण – ४२१ ३०१-  फोन / फैक्स:- 0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301.  Email :- srdeetrskyncrly@gmail.com |

No. ELS KYN/WKS/MISC Date: 04/07/2024

**CELE/HQ/CR**

Sub: Examination of works by CTE/CVC- Submission of quarterly works progress report

Ref : (i) HQ’s letter No.L.253.AC.CVC dated 21.04.2022

(ii) Dy CVO (Elect) CSMT’s letter No.G.130/CTE/QPR/V.Con

Dtd 21.04.2022

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With reference to above correspondence, required information pertaining to ELS/KYN for the works contracts costing above Rs. 1 Cr in prescribed proforma for the second quarter from April-2024 to June-2024 is enclosed herewith.

नीरज कुमार गर्ग

वरि०मंडल विद्युत् इंजिनियर

(क.च.स्टॉक)कल्याण

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No. ELSKYN/WKS/Misc. Date: 19.06.2024

**ADRM/OP/CSMT**

Sub: Intimation regarding the work of CAMC of CNC Vertical Turning & Boring Machine

Ref : (i)Sr.DFM/CSMT’s letter No. BB/AC/FX-I/10106351 dated 08.06.2024

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Vertical Turning & Boring machine (make: HYT) was supplied and commissioned on 28.06.2022 at ELS/Kalyan by M/s HYT Engineering Pvt. Ltd.- Pune vide COFMOW’s AT No. COFMOW/IR/S/P-1/OP-108760 Dated 30.03.2021.

The warranty period of this machine will be completed on 27.06.2024 and the final preventive maintenance schedule within warranty was carried out before 27.06.2024. As per clause 1.18, the scope and tems & condition of the AMC shall be as per clause 17 of section –III of Bid Document-II

The firm’s offer and charges for CAMC of 05 years of this machine has been accepted by COFMOW at the the total cost of Rs. 44,28,363 /- including GST at 18% as mentioned in price section 1.23 sub point of AT.

To meet the expenditure of CAMC for period of 05 years, amounting to Rs.44,28,363/- inclusive of 18% was sent to Sr.DFM/CSMT for vetting of detail estimate.based on accepted rates in COFMOW/IR/S/P-1/OP-108760 dated 30.03.2021

Sr.DFM/CSMT vide letter no.under reference has vetted the detailed estimate, subject to remarks that “DRM/BB or ADRM/BB needs to be intimated regarding the subject work as per item no 2(C) Part ‘A’ of Model SOP 2018”

It is therefore intimated that a work for “CAMC of CNC Vertical Turning & Boring Machine” at total cost of Rs. 44,28,363/- inclusive of 18% will be carried out at ELS/KYN as per terms & condition of COFMOW’s AT No. COFMOW/IR/S/P-1/OP-108760 dated 30.03.2021.

This is for your information please.

नीरज कुमार गर्ग

वरिष्ठ मंडल विद्युत इंजिनियर

(क.च.स्टॉक)कल्याण

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**No. ELSKYN/WKS/2024/Misc Date: 27.05.2024**

**CELE/HQ/CR**

Sub: Application for establishment of Branch Officer in India by M/s China Railway

21st Bureau Group Co. Ltd.

Ref: HQ’s letter no. L.253/AC.Misc-Vol VIII dtd.13.05.2024

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In reference to above letter, it is hereby stated that there is No ongoing/ pipeline works contract awarded to M/s China Railways 21st Bureau Group Co. Ltd. by this office.

This is for your information please.

नीरज कुमार गर्ग

वरि०मंडल विद्युत् इंजिनियर

(क.च.स्टॉक)कल्याण

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No. ELSKYN/WKS/Misc. Date: 26.04.2024

**ADRM/OP/CSMT**

Sub: Intimation regarding the work of CAMC of Surface Wheel Lathe Model no. YSL-012 at Electric Loco Shed,Kalyan

Ref : (i)Sr.DFM/CSMT’s letter No. BB/AC/FX-I/10105814 dated 05.04.2024

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Surface Wheel Lathe machine (make: HYT) was supplied and commissioned on 05.03.2022 at ELS/Kalyan by M/s HYT Engineering Pvt. Ltd.- Pune vide COFMOW’s AT No. COFMOW/IR/S/P-2/OP-608850 dated 25.05.2021, This Surface Wheel Lathe machine is used for profiling of new wheel sets of conventional as well as 03 phase locos.

The warranty period of this machine will be completed on 04.03.2024 and the final preventive maintenance schedule within warranty was carried out on 04.03.2024. As per clause 1.24, the scope and tems & condition of the AMC shall be as per clause 17 of the bid document part- II. The firm’s offer and charges for CAMC of 05 years of this machine has been accepted by COFMOW at the the total cost of Rs. 1,26,26,000 /- including GST at 18% as mentioned in price section 1.24 sub point of AT.

To meet the expenditure of CAMC for period of 05 years, amounting to Rs.1,26,26,000/- inclusive of 18% was sent to Sr.DFM/CSMT for vetting of detail estimate.based on accepted rates in COFMOW/IR/S/P-2/OP-608850 dated 25.05.2021

Sr.DFM/CSMT vide letter no.under reference has vetted the detailed estimate, subject to remarks that “DRM/BB or ADRM/BB needs to be intimated regarding the subject work as per item no 2(C) Part ‘A’ of Model SOP 2018”

It is therefore intimated that a work for “CAMC of Surface Wheel Lathe Model no. YSL-012 at Electric Loco Shed,Kalyan” at total cost of Rs. 1,26,26,000/- inclusive of 18% will be carried out at ELS/KYN as per terms & condition of COFMOW’s AT No. COFMOW/IR/S/P-2/OP-608850 dated 25.05.2021.

This is for your information please.

नीरज कुमार गर्ग

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No. ELSKYN/WKS/Misc. Date: 05.04.2024

**ADRM/OP/CSMT**

Sub: Intimation regarding the work of Improvement of signage board system at Electric Loco Shed, Kalyan

Ref : Sr.DFM/CSMT’s letter No. BB/AC/FX-I/10104929 dated 26.02.2024

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Electric Loco Shed Kalyan is maintaining 225 different types of electric locomotives, ART/SPART, M&P machines etc. These Locos maintained by different sections and Locomotive placed for minor & major schedule at different shops & Pit lines. The existing signage boards at ELS Kalyan are old, faded, and not clearly visible, making it challenging for employees, visitors, and authorities to locate different sections, shops, pit lines, and safety equipment like first aid and fire extinguishers.

To address these issues, it is proposed to replace the old signage boards with new 3D type LED signage boards. These new boards are eco-friendly, have eye-catching brightness, long life, excellent night visibility, and are waterproof. Apart from serving the signage purposes, they will also enhance the overall look and standard of ELS Kalyan.

A proposal for “Improvement of signage board system at Electric Loco Shed, Kalyan” at total cost of Rs.24,96,845.40 (Including GST) on open tender basis in terms of item in 2 (C) Part A of Model SOP 2018 was sent to Sr.DFM/CSMT for concurrence of proposal and vetting of detail estimate.

Sr.DFM/CSMT vide letter no. BB/AC/FX-I/10104929 dated 26.02.2024 has concurred the proposal and vetted the detailed estimate, subject to remarks that “DRM/BB or ADRM/BB needs to be intimated regarding the subject work as per item no 2(C) Part ‘A’ of Model SOP 2018”

It is therefore intimated that a work for “Improvement of signage board system at Electric Loco Shed, Kalyan” at total cost of Rs.24,96,845.40 (Including GST) is proposed to be carried out on open tender basis at ELS/KYN.

नीरज कुमार गर्ग

वरिष्ठ मंडल विद्युत इंजिनियर

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No. ELSKYN/WKS/Misc. Date: 05.04.2024

**ADRM/OP/CSMT**

Sub: Intimation regarding the work of Improvement of signage board system at Electric Loco Shed, Kalyan

Ref : Sr.DFM/CSMT’s letter No. BB/AC/FX-I/10104929 dated 26.02.2024

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Electric Loco Shed Kalyan is maintaining 225 different types of electric locomotives, ART/SPART, M&P machines etc. These Locos maintained by different sections and Locomotive placed for minor & major schedule at different shops & Pit lines. At present these different sections, Shops, Pit lines, etc. is signified with signage board which is older with time and at present not clearly visible and not properly readable due to some text/sign washout.

1. Signage boards are necessary to reach the desired location in shortest time, it provides information without the need of searching for it.
2. At ELS Kalyan locomotives are placed at different pit lines for carrying out schedule & unscheduled activities, signage boards will help locating the placement of locomotives.
3. There are different sections in ELS Kalyan daily many couriers, material receives at ELS Kalyan, signage board will help locating sections for outsiders/ visitors.
4. For emergency attention first aid and fire extinguishers are kept at different locations of ELS Kalyan hence for tracing these safety items in shortest time signage boards are necessary.

ELS/KYN, one of the oldest Electric Loco Shed, established in 28th Nov 1928 under the GIP Railway, is the pioneer loco shed in India. Being a prime loco shed in Mumbai division, higher authorities visit to this shed frequently, hence it is proposed to improve the existing old obsolete signage board with new 3D type LED signage board. These signage boards are eco-friendly, eye-catching brightness, long life, excellent night visibility, water proof, hence these signage boards not only solve the signage purpose of ELS Kalyan as mentioned above also it will give an elegant and standard look to ELS Kalyan.

A proposal for “Improvement of signage board system at Electric Loco Shed, Kalyan” at total cost of Rs.24,96,845.40 (Including GST) on open tender basis in terms of item in 2 (C) Part A of Model SOP 2018 was sent to Sr.DFM/CSMT for concurrence of proposal and vetting of detail estimate.

Sr.DFM/CSMT vide letter no. BB/AC/FX-I/10104929 dated 26.02.2024 has concurred this proposal and vetted the detailed estimate. Furthur stated in remark that DRM/BB or ADRM/BB needs to be intimated regarding the subject work as per item no 2(C) Part ‘A’ of Model SOP 2018.

It is therefore intimated that a work for “Improvement of signage board system at Electric Loco Shed, Kalyan” at total cost of Rs.24,96,845.40 (Including GST) is proposed to be carried out on open tender basis at ELS/KYN.

नीरज कुमार गर्ग

वरिष्ठ मंडल विद्युत इंजिनियर

(क.च.स्टॉक)कल्याण

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**No. ELSKYN/WKS/2023/19/Hirect SIV Date: 04.04.2024**

**CELE/HQ/CR**

**(Kind Attention: Shri G. C. Solanki, Dy CEE (EM)**

Sub: Renewal of Annual Maintenance Contract of HIRECT make SIV for the

period of three years at Electric Loco Shed Kalyan., Qty- 03 Nos.

Ref: HQ’s letter no. L.253/AC/AMC dtd. 23.07.2016

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Competent authorities’ sanction for the subject work has been obtained at a total cost of Rs.19,49,314 /- (All inclusive) on single tender basis from OEM or its authorised dealer in terms of Item no.39 (e) Part A of Model SOP 2018 vide this office note of even no. dated 08.03.2024 (E-office Note No. # 25, dated 27.03.2024 computer no.319480). Sr.DEE/TRS/KYN’s sanction to detailed estimate in term of item no. 2 (C) Part A of Model SOP 2018 has been obtained vide office note of even no. dated 01.04.2024.

As per HQ’s letter under reference, AMC of SIV & MPCS is outsourced to OEM and CELE/HQ/CR has nominated sheds for processing the AMC of SIV. In the subject case ELS/BSL is nominated to process AMC of Hirect make SIV.

It is learnt that, as on date holding of Hirect make SIV at ELS/BSL is Nil and other CR sheds also not having Hirect make SIV, therefore this shed is processing AMC tender for Hirect make SIV.

This is for your information please.

नीरज कुमार गर्ग

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(क.च.स्टॉक)कल्याण

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| **मध्य रेल**  वरिष्ठ मंडल विद्युत अभियंता (कचस्टॉक) कार्यालय  विद्युत लोको शेड, कल्याण – ४२१ ३०१-  फोन / फैक्स:- 0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301.  Email :- srdeetrskyncrly@gmail.com |

No. ELS KYN/WKS/MISC Date: 01/04/2024

**CELE/HQ/CR**

**(Kind Attention: Shri G. C. Solanki, Dy CEE (EM)**

Sub: Examination of works by CTE/CVC- Submission of quarterly works progress report

Ref : (i) HQ’s letter No.L.253.AC.CVC dated 21.04.2022

(ii) Dy CVO (Elect) CSMT’s letter No.G.130/CTE/QPR/V.Con

Dtd 21.04.2022

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With reference to above correspondence, required information pertaining to ELS/KYN for the works contracts costing above Rs. 1 Cr in prescribed proforma for the quarter from Jan-2024 to March-2024 is enclosed herewith.

नीरज कुमार गर्ग

वरि०मंडल विद्युत् इंजिनियर

(क.च.स्टॉक)कल्याण

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| **मध्यरेल**  वरिoमंडलविद्युतअभियंता (कचस्टॉक) कार्यालय  विद्युतलोकोशेड, कल्याण–४२१३०१-  फोन / फैक्स:- 0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301. Email:srdeetrskyncrly@bb.railnet.gov.in |

**No.ELSKYN/WKS/2020/04/AMC SAN Date :**

**OFFICE NOTE**

**Sub:-** Comprehensive Annual maintenance Contract (CAMC) for preventive maintenance of vital

equipment of HS-SPART for a period of two years at ELS KYN on single tender basis through OEM or their authorized dealer.

**Ref:-** This office letter of even No. dated 30.08.2022 sent through E-Office vide Note No.#1

dated 30.08.2022, computer No.204796

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HS-SPART was received at ELS/KYN and commissioned on date 14.05.2018 for the first time. HS-SPART typically consists of three vehicles (Driving car cum Tool Van, a Medical van, and Driving car cum Supervisor's Van) and have driving cab at both end.

HS-SPART KYN is a critical vehicle due to its requirement for faster initial response and for providing quickest possible medical attention and rescue & restoration, Self Propelled Accident Relief Trains (SPART) capable of High speed has been introduced on IR system. HS- SPART KYN consists of Traction diesel engine (Cummins make)- 02 nos, 125 KVA DG set - 02 nos, hydraulic transmission-02 nos,Carden shaft-04 nos, Final drive (Gear box) – 02 nos, both end Electrical control panel & driver desk, Compressor - 02 nos,radiator – 02 nos etc. and warranty of equipments was upto may 2020.

Items proposed for entering into CAMC-

|  |  |  |  |
| --- | --- | --- | --- |
| Sr. No. | Description | Make | Make |
| A. | Hydraulic Transmission | VOITH | M/s SAN is Authorized dealer of Voith, authorization letter enclosed |
| B. | Carden Shaft | VOITH |
| D. | Axle Drive gearbox | SAN |  |
| E. | Electrical & Controls | SAN |  |
| F. | Radiator | SAN |  |

Now, these equipments are to be maintained in house. However, there is no expertise manpower and required machinery & material available with ELS KYN for maintenance of above equipments. It is therefore proposed to enter into comprehensive annual contract for these equipments through OEM or their authorized dealers.

DRM vide item no. 5.21 of inspection note no.BB.DRM.Inspection dated 13.07.2020 has also directed that all SPART equipments needs to be covered in AMC/CAMC with OEM.

Out of the above equipments except Traction Diesel Engine with radiator and 125 KVA DG set which are of Cummins make all the remaining items are proposed through M/s SAN Engineering & Locomotive Co. Ltd. Firm is the manufacturer of most of the equipments mentioned above. CAMC of these equipments are being carried out by M/s SNA Engg is other railways.

As per policy guideline for entering SPARMV accessories into AMC dated 13.06.2023, AMC for preventive maintenance of vital equipments of HS-SPART has been proposed as non- comprehensive keeping a separate provision of Must change and Incidental spares required during AMC period.

As per the guideline daily/ weekly schedule will be carried out in house.

CMPE (D) CR is requested to kindly accord technical approval for “Comprehensive Annual Maintenance Contract (CAMC) for preventive maintenance of vital equipments of HS-SPART for a period of Two years at ELS/KYN” on single tender basis through OEM or their authorized dealer.

**Sr.DEE/TRS/Kalyan**

**DyCME(D&DM)**

**CMPE(D)**

**No.ELSKYN/WKS/2020/04/AMC SAN Date: 12-07-2023**

**CMPE(D)/HQ/CR**

**(Kind Attention: Deepak S Khot, Dy DME (EM)**

**Sub:-** Annual maintenance Contract (CAMC) for preventive maintenance of vital

equipments of HS-SPART for a period of two years at ELS KYN on single tender basis through OEM or their authorized dealer.

Ref:- Your e-office Note No.#5 dated 13.04.2023

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In view of above, CMPE (D) CR is requested to kindly accord technical approval for “Comprehensive Annual Maintenance Contract (CAMC) for preventive maintenance of vital equipments of HS-SPART for a period of Two years at ELS/KYN” on single tender basis through OEM or their authorized dealer at total cost of Rs.1,42,14,669.40 including GST based LOA MUMBAI-CENTRAL DIVISION-MECHANICAL/M137-7-SAN-SPARMV-UDN-/01040240073957 dated 23.03.2023, so that the same can be processed further.

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| **मध्य रेल**  वरिष्ठ मंडल विद्युत अभियंता (कचस्टॉक) कार्यालय  विद्युत लोको शेड, कल्याण – ४२१ ३०१-  फोन / फैक्स:- 0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301.  Email :- srdeetrskyncrly@gmail.com |

No. ELS KYN/WKS/MISC Date: 29/01/2024

**CELE/HQ/CR**

**(Kind Attention: Shri G. C. Solanki, Dy CEE (EM)**

Sub: Litigation and Arbitrations in which huge claims have been made against Railway.

Ref : 1. HQ’s letter No.L.253.AC.MIS dated 19.01.2024

2. Railway Board’s L. No.2023/Elect.(TRS)/225/1(ModR(D)-B-174 dated 12.12.2023

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With reference to HQ’s letter under Ref.1, it is stated that the arbitration and court cases wherein claims on Railways is **NIL**

This is for your information please.

नीरज कुमार गर्ग

वरि०मंडल विद्युत् इंजिनियर

(क.च.स्टॉक)कल्याण

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| **मध्य रेल**  वरिष्ठ मंडल विद्युत अभियंता (कचस्टॉक) कार्यालय  विद्युत लोको शेड, कल्याण – ४२१ ३०१-  फोन / फैक्स:- 0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301.  Email :- srdeetrskyncrly@gmail.com |

No. ELSKYN/WKS/Misc. Date: 21/02/2023

ADRM/OP/CSMT

Sub: Intimation regarding the work of “Supply, Installation, commissioning & 01 year CAMC of 500 LPH capacity Centralized RO Plant at ACE section entry gate of ELS/KYN.”

Ref : Sr.DFM/CSMT’s letter No.BB/AC/FX-I/RO PLANT/10102000 dated 07.02.2023.

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To provide clean and safe drinking water to staff/contract staff at ELS/Kalyan, two RO water plant cap 500 LPH & 250 LPH is commissioned in WAG- 9 shed & inspection shop respectively. But in peak period of day shift both RO plant site are overcrowded to take potable water.

Now it is planned to shift main entry gate of ELS/KYN from Kalyan west side to Kalyan east at waldhuni end, other service buildings i.e. DTC, BTC, Time office, RPF office and Canteen also get shifted hence there is requirement of RO plant near the main gate to supply potable water to staff and visitor of ELS/KYN.

A proposal for Supply, Installation, commissioning & 01 year CAMC of 500 LPH capacity Centralized RO Plant at ACE section entry gate of ELS/KYN at a total cost of Rs. 4,95,000 /- (Incl. GST) under item no.38(b) - Part ‘A’ Wks Matter of model SOP 2018 and through quotation basis by dispensing with tender procedure as per item no. 5(F) Part A Wks. Matter of Model SOP 2018 was sent to Sr.DFM/CSMT for concurrence.

Sr.DFM/CSMT vide letter no. BB/AC/FX-I/RO PLANT/10102000 dated 07.02.2023 has concurred this proposal and stated in remark that DRM/BB or ADRM/BB needs to be intimated regarding the subject work as per item no 2(C) Part ‘A’ of Model SOP 2018.

It is therefore intimated that a work for Supply, Installation, commissioning & 01 year CAMC of 500 LPH capacity Centralized RO Plant at ACE section entry gate of ELS/KYN at a total cost of Rs. 4,94,997.02 (all inclusive) is proposed to be carried out on quotation basis at ELS/KYN.

नीरज कुमार गर्ग

वरिष्ठ मंडल विद्युत इंजिनियर

(क.च.स्टॉक)कल्याण

No. ELSKYN/WKS/2023/21/E-70 Brake Panel Date: 16.01.2024

**CELE/HQ/CR**

**(Kind Attention: Shri G. C. Solanki, Dy CEE (EM)**

Sub: Technical approval for the work of “Repair/ Overhauling of E-70 Brake panel of M/s. Faiveley Transport Rail Technologies India Private Limited- Hosur make Electric Locomotive (WAP-7 type), Qty- 10 Numbers.”

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At present in Electric loco shed, Kalyan there are total 64 Nos. Three Phase Locomotive out of which 43 Nos. of WAP-7 type 3 phase Electric Locomotives having E-70 brake system of M/s. Faiveley Transport Rail Technologies India Private Limited- Hosur make.

The E-70 brake system is required to be overhauled during it’s IOH schedule as per RDSO letter no E/3.1.35/16 dtd. 07.02.2021 revised maintenance schedule of 3- Ph Electric Locomotives. The IOH schedule of WAP-7 locomotives is 4 ½ years as per RDSO’s letter no. EL/3.6.1 dated 13.10.2020.

10 Nos. locos E-70 brake system are due in 2024-25 for IOH schedule hence the same is proposed for Repair/ Overhauling.

The E-70 Brake system requires technical expertise as well as adequate infrastructure for its Repair/ Overhauling. ELS/KYN is not having facilities and technical expertise for executing the work departmentally, hence it is necessary to get this work done through OEM.

Similar type of work has been allotted by ELW/BSL/CR to M/s. Faiveley Transport Rail Technologies India Private Limited vide LOA No. ELW-BHUSAWAL-ELECTRICAL/BSL-ELW-tender-2022-23-11-00008330072376 dtd. 25.02.2023.

Accordingly, detailed estimate No. ELSKYN/WKS/2023/19/E-70 dtd. 09.01.2024 is prepared for the subject work at a total cost of Rs.1,47,40,535.30 (inclusive of GST) based on ELW/BSL/CR LOA mentioned above.

Sr.DEE(TRS)KYN has accorded approval to this proposal vide office note of even no. dtd. .01.2024.

Since this activity is being carried out first time in ELS Kalyan, it is therefore requested to kindly accord technical approval of competent authority for the work of “Repair/ Overhauling of E-70 Brake panel of M/s. Faiveley Transport Rail Technologies India Private Limited- Hosur make Electric Locomotive (WAP-7 type), Qty- 10 Numbers.” on single tender basis through OEM M/s Faiveley Transport Rail Technologies India Private Limited-Hosur at an approximate cost of Rs.1,47,40,535.30 inclusive of GST.

Submitted for technical approval please.

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| **मध्य रेल**  वरिष्ठ मंडल विद्युत अभियंता (कचस्टॉक) कार्यालय  विद्युत लोको शेड, कल्याण – ४२१ ३०१-  फोन / फैक्स:- 0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301.  Email :- srdeetrskyncrly@gmail.com |

No. ELS KYN/WKS/MISC Date: 30/12/2023

**CELE/HQ/CR**

**(Kind Attention: Shri G. C. Solanki, Dy CEE (EM)**

Sub: Examination of works by CTE/CVC- Submission of quarterly works progress report

Ref : (i) HQ’s letter No.L.253.AC.CVC dated 21.04.2022

(ii) Dy CVO (Elect) CSMT’s letter No.G.130/CTE/QPR/V.Con

Dtd 21.04.2022

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With reference to above correspondence, required information pertaining to ELS/KYN for the works contracts costing above Rs. 1 Cr in prescribed proforma for the quarter from Oct-2023 to Dec-2023 is enclosed herewith.

नीरज कुमार गर्ग

वरि०मंडल विद्युत् इंजिनियर

(क.च.स्टॉक)कल्याण

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| **मध्य रेल**  वरिष्ठ मंडल विद्युत अभियंता (कचस्टॉक) कार्यालय  विद्युत लोको शेड, कल्याण – ४२१ ३०१-  फोन / फैक्स:- 0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301.  Email :- srdeetrskyncrly@gmail.com |

No. ELSKYN/WKS/TM-Rehab Date: 07/12/2023

CELE/HQ/CR

**(Kind Attention: Shri G. C. Solanki, Dy CEE (EM)**

Sub: Requirement of Rehabilitation of old Hitachi Magnet Frames HS-15250A (TM)

Ref : 1. Your office letter No.L.744.TMW.07 dated 20.11.2023

2. CWE/PLW’s letter dated 03.11.2023

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In reference to your office letter mentioned under ref.1 and PLW’s letter mentioned under Ref.2, the tentative requiement of Rehabilitation of old Hitachi Magnet frames HS-15250A (TM) for remaining period of current FY and next FY 2024-25 is as under.

|  |  |  |  |
| --- | --- | --- | --- |
| **Description** | **Current FY** | **FY 2024-25** | **Justification** |
| Requirement of Rehabilitation of Old Hitachi Magnet Frame | **545 Nos.** |  |  |

This is for your information and necessary action please.

नीरज कुमार गर्ग

वरि०मंडल विद्युत् इंजिनियर

(क.च.स्टॉक)कल्याण

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| **मध्य रेल**  वरिष्ठ मंडल विद्युत अभियंता (कचस्टॉक) कार्यालय  विद्युत लोको शेड, कल्याण – ४२१ ३०१-  फोन / फैक्स:-  0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301.  Email :- srdeetrskyncrly@gmail.com |

No.ELSKYN/WKS/Parliament-2023 Date: 07-12-2023

**Dy CEE (EM)**

Sub: Rajya Sabha Unstarred Question Dy. No. S3646 to be answered on 15.12.2023 reg. ‘Railway Safety & Replacement of old Railway Assets’

Ref: (i) HQ’s letter No.2022/Elect.(TRS)/270/42(RS- 3646) Dtd. 06.12.2023

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With reference to above reply to following parts of subject parliament question pertaining to TRS items is stated below:

|  |  |  |
| --- | --- | --- |
| Part No. | Question | Reply |
| (a) | How many crore rupees of old asset do the Railways require to replace immediately? | Rs. 145.55 Cr |
| (b) | What is the total amount spent on replacement of old assets and new track and on other track and coach maintenance over the last 5 years? | Rs. 91.03 Cr |

नीरज कुमार गर्ग

वरि०मंडल विद्युत् इंजिनियर

(क.च.स्टॉक)कल्याण

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| **मध्य रेल**  वरिष्ठ मंडल विद्युत अभियंता (कचस्टॉक) कार्यालय  विद्युत लोको शेड, कल्याण – ४२१ ३०१-  फोन / फैक्स:- 0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301.  Email :- srdeetrskyncrly@gmail.com |

No. ELS KYN/WKS/MISC-Police-Verification Date: 27/10/2023

**CELE/HQ/CR**

**(Kind Attention: Shri G. C. Solanki, Dy CEE (EM)**

Sub: Details of police verification of contractual labour/ staff

Ref : PCSC office letter no.CRX/CB/64/2023 dated 25.10.2023

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With reference to above, details of police verification of contractual labour/ staff is given as under:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Branch | No. of persons allowed in the railway premises by the contractual/ lease holder as on 25.10.2023 | No. of persons engaged through outsourcing as on 25.10.2023 | No. of police verification reports (PVR) received of the persons mentioned in column (A+B) | PVR awaited of the persons mentioned on Col. (A+B) | Percentage |
| Electrical  (TRS-KALYAN) | 42 | 0 | 36 | 6 | 85.71 |

**(NIRAJ KUMAR GARG)**

**Sr.DEE(TRS) KYN**

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| **मध्य रेल**  वरिष्ठ मंडल विद्युत अभियंता (कचस्टॉक) कार्यालय  विद्युत लोको शेड, कल्याण – ४२१ ३०१-  फोन / फैक्स:- 0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301.  Email :- srdeetrskyncrly@gmail.com |

No.ELSKYN/WKS/2023/11/ART Examination Date: 18/10/2023

**Dy. CME (D&DM) /CSMT**

Sub: Intimation regarding work of “One time Examination, Testing & certification of miscellaneous equipment of ART and SPART ELS KYN as per factory Act -1948 with certificates.”

Ref : Sr.DFM/CSMT’s observation vide e-office Note No.#7 dated 19.09.2023.

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This office have proposed One time examination, testing of misc. equipments of ART & SPART KYN such as sub- equipments of HRE, HRD, Air Compressure, Air Plasma equipments, Breathing Apparatus, Hand Jack with pump & accessories of gauge and hose pipe, Oxy-cutting equipment, Water Mist and CAF fire extinguisher, D-shackle, Bow Shackle, Air brake gauge, Tirfir, Chain pulley Block, Manila Rope, Wire rope, Tent, HRC, Under Water cutting equipment and SPART’s traction part different gauges. As per factory act 1948 for reliability & safety of staff and machines as per government specified rules these equipments/aaccessories to be examined/ tested every year. After examination/ testing these equipment/ accessories will be certified for one year with test reports.

Now ELS Kalyan has proposed to carry out “One time Examination, Testing & certification of miscellaneous equipment of ART and SPART ELS KYN as per Annexure A for one year” from the outside agency having valid competency certificate issued by Directorate of Industrial Safety and Health, Maharashtra state.

Since this work is being carried out first time at ELS/Kalyan ART & SP-ART, Sr.DFM/CSMT in their observations noted under e-office Note No.#7 dated 19.09.2023 stated that “If subject work is implemented first time the same needs to be intimated to the Headquarter.”

It is therefore intimated that a work for “One time Examination, Testing & certification of miscellaneous equipment of ART and SPART ELS KYN as per factory Act -1948 with certificates for one year” at a total cost of Rs.4,95,128 /- including 18 % GST is being carried out on quotation basis at ELS/KYN.

**(NIRAJ KUMAR GARG)**

**Sr.DEE(TRS)Kalyan**

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| **मध्य रेल**  वरिष्ठ मंडल विद्युत अभियंता (कचस्टॉक) कार्यालय  विद्युत लोको शेड, कल्याण – ४२१ ३०१-  फोन / फैक्स:- 0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301.  Email :- srdeetrskyncrly@gmail.com |

No. ELSKYN/WKS/2023/09/High Jack Repair Date: 04/10/2023

Dy. CME (D&DM) /CSMT

Sub: Intimation regarding work of “Repair, Supply, testing and commissioning of 65/27T high jack by replacement of outer ram, inner ram & seals for SPART/KYN, Qty. 02 set Jacks..”

Ref : Sr.DFM/CSMT’s letter No.BB/AC/FX-I/10103935 dated 25.08.2023.

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There are 08 Nos. of 65/27T High Jacks of Bemco make, 04 Nos. each in ART and SP-ART. 02 Nos. jacks of SP-ART are lying in defective condition. These jacks were commissioned in 28.10.2017 and warranty of these jacks expired in Oct 2019.

Details of works with defects of equipment are as under.

1) Replacement of inner Ram – 2 Qty.

2) Replacement of outer Ram – 2 Qty.

3) Replacement of complete seal kit for jacks – 2 set (for 2 jacks).

4) Cylinder boar repairing/machining with polishing.

5) Stopper ring repairing/ machining and replacements of seal kit.

6) Testing on maximum pressure with load.

Now, above said defects require necessary attention for repairing, replacing and testing work on urgent basis to avoid any failure at accident site. However, there is no expertise manpower and required machinery & material available with ELS KYN for repairing, replacing and testing of above equipment.

Therefore a proposal for Repair, Supply, testing and commissioning of 65/27T high jack by replacement of outer ram, inner ram & seals for SPART/KYN, Qty. 02 set Jacks from outside agency at a total cost of Rs.4,89,700 /- including 18 % GST under item no.38(b) of model SOP Part ‘A’ through quotation was sent to Sr.DFM/CSMT for concurrence.

Sr.DFM/CSMT’s vide letter no. BB/AC/FX-I/10103935 dated 25.08.2023 has concurred this proposal and stated in remark no. 19 that HQrs needs to be intimated regarding the subject work as per item no 97 (E) (iii).

It is therefore intimated that a work for “Repair, Supply, testing and commissioning of 65/27T high jack by replacement of outer ram, inner ram & seals for SPART/KYN, Qty. 02 set Jacks at a total cost of Rs.4,89,700 /- including 18 % GST is being carried out on quotation basis at ELS/KYN.

**(SHUBHAM RADKE)**

**DEE(TRS) KYN**

**For Sr.DEE(TRS)Kalyan**

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| **मध्य रेल**  वरिष्ठ मंडल विद्युत अभियंता (कचस्टॉक) कार्यालय  विद्युत लोको शेड, कल्याण – ४२१ ३०१-  फोन / फैक्स:- 0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301.  Email :- srdeetrskyncrly@gmail.com |

No. ELS KYN/WKS/MISC Date: 30/09/2023

CELE/HQ/CR

**(Kind Attention: Shri G. C. Solanki, Dy CEE (EM)**

Sub: Examination of works by CTE/CVC- Submission of quarterly works progress report

Ref : (i) HQ’s letter No.L.253.AC.CVC dated 21.04.2022

(ii) Dy CVO (Elect) CSMT’s letter No.G.130/CTE/QPR/V.Con

Dtd 21.04.2022

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With reference to above correspondence, required information pertaining to ELS/KYN for the works contracts costing above Rs 1 Cr in prescribed proforma for the quarter from July-2023 to Sep-2023 is enclosed herewith.

**(NIRAJ KUMAR GARG)**

**Sr.DEE(TRS) KYN**

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| **मध्य रेल**  वरिष्ठ मंडल विद्युत अभियंता (कचस्टॉक) कार्यालय  विद्युत लोको शेड, कल्याण – ४२१ ३०१-  फोन / फैक्स:- 0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301.  Email :- srdeetrskyncrly@gmail.com |

No. ELSKYN/WKS/Misc. Date: 25/04/2023

Dy. CME (D&DM) /CSMT

Sub: Intimation regarding work of “repairing/servicing of Holmatro make Hyd. Rescue Cutter (HRC) of SPART KYN.”

Ref : Sr.DFM/CSMT’s letter No.BB/AC/FX-I/Prop/10102560 dated 17.04.2023.

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Two Nos. surpluse Holmatro make SS Hydraulic Cutters alongwith Power Pack were received at ELS/KYN from C&W/ Stroes/AQ vide letter No.AQ/SSE/C&W/Store/LP-01 datd 30.04.2019. One is kept in SPART and another in ART. Now hydraulic cutter provided in SPART has become defective. Details of this defective cutter are as under:

1. Model No. : CU 4055C NCT II

2. Max Press. : 72 Mpa

3. Year of Manufacturing : 04/2017

4. Sr.No. of cutter : 1297518 HH

Details of repairing works to be done for defective Hydraulic Cutter of Holmatro make are as under.

1. Replacement of Swing Bolt set.

2. Repairing/replacement of Snap rings, Bolts, Nut & protection hood with fitment.

A proposal for repairing/servicing of above Holmatro make Hyd. Rescue Cutter (HRC) of SPART KYN at a total cost of Rs. 87,910 /- including 18 % GST under item no.38(b) of model SOP Part ‘A’ through quotation was sent to Sr.DFM/CSMT for concurrence.

Sr.DFM/CSMT’s vide letter no. BB/AC/FX-I/Prop/10102560 dated 17.04.2023 has concurred this proposal and stated in remark no. 17 that HQrs needs to be intimated regarding the subject work as per item no 97 (E) (iii).

It is therefore intimated that a work for repairing/servicing of Holmatro make Hyd. Rescue Cutter (HRC) of SPART KYN at a total cost of Rs. 87,910 /- all inclusive is proposed to be carried out on quotation basis at ELS/KYN.

नीरज कुमार गर्ग

वरि०मंडल विद्युत् इंजिनियर

(क.च.स्टॉक)कल्याण

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| **मध्य रेल**  वरिष्ठ मंडल विद्युत अभियंता (कचस्टॉक) कार्यालय  विद्युत लोको शेड, कल्याण – ४२१ ३०१-  फोन / फैक्स:- 0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301.  Email :- srdeetrskyncrly@gmail.com |

No.ELSKYN/WKS/Parliament-2023 Date: 25.07.2023

CELE/HQ/CR

**(Kind Attention: Shri G. C. Solanki, Dy CEE (EM)**

Sub: Points raised by Hon’ble Members of Committee on Labour, Textiles and Skill Development during the meeting held on 03.07.2023 at Pune.

Ref : (i) HQ’s letter No.L.253.AC.MP/MLA dated 18.07.2023

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With reference to above as desired please find the the remarks on the points raised by Hon’able Members of Committee on Labour, Textiles and Skill Development during the meeting held on 03.07.2023 at Pune enclosed herewith.

**(SHUBHAM RADKE)**

**DEE(TRS) KYN**

**For Sr.DEE(TRS) KYN**

**MEETING WITH STANDING COMMITTEE ON LABOUR, TEXTILES AND SKILL DEVELOPMENT HELD IN PUNE ON 03.07.2023**

|  |  |  |
| --- | --- | --- |
| **A)** | **Shri Bhartruhari Mahtab, Chairperson, PSC, MP (LS), Cuttack, Odisha** | **Remarks** |
| **1** | The Contract Labour (Regulation and Abolition) Act, 1970 has different laws and provisions. However, it is observed that the benefits under the said Act are not reaching up to the beneficiaries. It has come to the notice that the beneficiaries are not getting overtime and there is no social security for them. Railways being a Principal Employer, list of complaints received during the last one year may be provided. | Nil |
| **2** | Details regarding the margin given to Contractor and who is the Competent Authority who decides margin. Also, please furnish the procedure in force for identification and fixation of the margin. | There is no schedule in existing tenders for Profit margin. |
| **3** | It is noticed that some migrant workers not registered are working in building or other building related works. Such workers should also be registered. Contract regulations are not being implemented for labours not registered on the system- | Nil |
| **4** | What action being taken against the defaulting contractors. The amount of penalty imposed on the Contractor is very less. This needs to be reviewed and specified in the Contract. | No defaulter. |
| **5** | Details of Labour Commissioner's last meeting with Contractor should be furnished. | No information. |
| **6** | Railway Board has issued guidelines regarding Contract Labours in 1971. Later on, the guidelines have been revised in 2012 and 2018. In view of Social Security Act, same needs to be reviewed and Railways being one of the major employers has to take the lead. Amendments related to ESIC/EPF shall be incorporated for contractual labours also. | Noted. Same are ensured. |
| **7** | The Committee also suggested to provide list of contracts and contract labour to the Labour Commissioner for monitoring. The ultimate aim is to ensure all social security measures are provided to the Labourers. | Noted. Labour Contract awarded is informed to Labour commissioner |
| **8** | Implementation of Social Security Code. | Ensuring EPF & ESIC through Shramik Kalyan Portal |
| **B)** | **Shri Elamaram Kareem, MP (RS), Kerala** |  |
| **1** | Nature of Work is a deciding factor in fixation of wages. It may be ascertained whether there is any disparity of wages between male and female workers.  Also, information regarding provision of separate toilets for female workers, reply given to complaints and the mechanism for dealing with the complaints may be provided. | No female staff is employed by contractor |
| **C)** | **Shri Naresh Bansal, MP(RS), Uttarakhand** |  |
| **1** | Kindly provide mechanism adopted to tackle the Labour can complain through principal employer. Disputes between Contractor and Laours, Details of the last 1-2 years cases may be submitted. | There is a provision of complaint box for labours. No dispute in last 1 year. |
| **D** | **Shri K. Subbarayan, MP (LS), Tiruppur, Tamil Nadu** |  |
| **1.** | Please provide Information on the existing social security schemes and mechanism to ensure with the same. | Ensuring EPF & ESIC through Shramik Kalyan Portal |
| **E** | **Shri Satish Kumar Gautam, MP (LS), Aligarh, UP** |  |
|  | Please furnish measures adopted for ensuring that the benefits of social security are actively reaching the intended beneficiaries. | Through shramik Kalyan Portal |
| **F)** | **Shri Bhola Singh, MP (LS), Bulandshaher, UP** |  |
|  | Railways have outsourced the work of cleaning of trains to Contractors. Details regarding the working hours defined by Railways for staff working on contract basis in running train, their eligibility for OT at par with Railway Employee, if admissible, may also be provided.  Procedure for choosing/selecting the Contractor may also be furnished. Also provide measures adopted by Railways, being a Principal Employer, to ensure that the Contractor engaged the labour for minimum 26 days. | Not applicable |
| **G)** | **Shri Giridhari Yadav, MP (LS), Banka, Bihar** |  |
| **1** | Railway employees are given transportation/travelling facility in trains. Please provide information whether any such facility is given to contract labour or otherwise. | No |
| **2** | Please provide Information regarding stay/accommodation provided to Construction workers/labours. | No |
| **3** | Please provide information on whether work hours are fixed for OBHS workers and facilities given to OBHS workers during train journey. | Not applicable |

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| **मध्य रेल**  वरिष्ठ मंडल विद्युत अभियंता (कचस्टॉक) कार्यालय  विद्युत लोको शेड, कल्याण – ४२१ ३०१-  फोन / फैक्स:- 0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301.  Email :- srdeetrskyncrly@gmail.com |

No. ELS KYN/WKS/MISC Date: 03/07/2023

CELE/HQ/CR

**(Kind Attention: Shri G. C. Solanki, Dy CEE (EM)**

Sub: Examination of works by CTE/CVC- Submission of quarterly works progress report

Ref : (i) HQ’s letter No.L.253.AC.CVC dated 21.04.2022

(ii) Dy CVO (Elect) CSMT’s letter No.G.130/CTE/QPR/V.Con

Dtd 21.04.2022

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With reference to above correspondence, required information pertaining to ELS/KYN for the works contracts costing above Rs 1 Cr in prescribed proforma for the quarter from Mar-2023 to June-2023 is enclosed herewith.

**(NIRAJ KUMAR GARG)**

**Sr.DEE(TRS) KYN**

**No.ELSKYN/WKS/2020/04/AMC SAN Date: 12-07-2023**

**CMPE(D)/HQ/CR**

**(Kind Attention: Deepak S Khot, Dy DME (EM)**

**Sub:-** Annual maintenance Contract (CAMC) for preventive maintenance of vital

equipments of HS-SPART for a period of two years at ELS KYN on single tender basis through OEM or their authorized dealer.

Ref:- Your e-office Note No.#5 dated 13.04.2023

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Remarks on the observations made by you vide e-office Note No.5 dated 13.04.2023, are as under:

1. a. Items already covered into AMC-

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Sr. No. | Name/ Description | Make | Details Make/ Model | Qty | AMC Type Comp/ Non- Copm | AMC Period | AMC with OEM/ Authorized dealer/ Name of firm | Total AMC cost in Rs. | Whether technical approval of CMPE (D) has obtained before entering into AMC reference therof |
| 1 | Diesel Engines | Cummins | NTA14R | 02 Nos. | AMC with Lumpsum provision | 03 Yrs | Authorized dealer  M/s Trident Service Pvt. Ltd. | Rs. 35,79,369.41 | No. |
| 2 | Diesel Generator Set | Cummins | QSB 5.9 | 02 Nos. | AMC with Lumpsum provision | 03 Yrs | Authorized dealer  M/s Trident Service Pvt. Ltd. | No. |

b. Items proposed for entering into CAMC-

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Sr. No. | Item | | | |  |  |  |  |  |
| Description | Make | Model/ Details | Qty | AMC Type Comp/ Non- Copm | AMC Period | AMC proposed with OEM/ Authorized dealer of OEM | Name/ details of firm with AMC is proposed | Whether technical approval of CMPE (D) has obtained before entering into AMC reference therof |
| A. | Skid assembly | Assembled by SAN | -- | 02 Nos. | AMC  with Lumpsum provision | 02 Yrs. | -- | M/s SAN Engineering and Locomotives Company Limited, Bangalore | No. |
| B. | ENGINE NTA 14R Auxiliaries | Assembled by SAN | -- | 02 Nos. | -- |
| C. | Transmission & Card Shaft | Voith Turbo | T211R.3 & ST22 5.7 | 02 Nos. | Authorized dealer of OEM |
| D. | Axle Drive gearbox and torque arm | SAN | -- | 02 Nos. | OEM |
| E. | 125 KVA DA set auxiliaries | Assembled by SAN | -- | 02 Nos. | -- |
| F. | Electrical Controls & PLC | Assembled by SAN | - | 02 Set | -- |
| G. | Compressor | Elgi Eqpt | RR115070 | 06 Nos. | -- |

1. Date of last POH done at PR workshop and received at shed- June 2022

Date of HS-SPART under warranty after POH- 100 Days from the date of POH

1. Noted
2. As per policy guideline for entering SPARMV accessories into AMC dated 13.06.2023, AMC for preventive maintenance of vital equipments of HS-SPART has been proposed as non- comprehensive keeping a separate provision of Must change and Incidental spares required during AMC period.

However, a monthly schedule of maintenance has been proposed considering 02 Engineers for 2 days so that all the vital equipments can be under expert supervison and healthiness of SPART can also be assured. This visits is based on LOA issued by Sr.DME/BCT's LOA No.MUMBAI-CENTRAL DIVISION-MECHANICAL/M137-7-SAN-SPARMV-UDN-/01040240073957 dated 23.03.2023, LAR of which has been adopted in said proposal. Only Bi- Monthly visit of 02 engineers for 04 days is bifurcated in monthly visit of 02 engineers for 02 days without any financial repercussion.

As per the guideline daily/ weekly schedule will be carried out in house.

1. There is no separate schedule for Breakdown visits, attention of breakdown is a part of scope of work, however clauses for breakdown visits will be incorporated in the conditions of contract as under:

The Contractor shall be completely responsible for any repair arising within the scope of work during the AMC period. Railways shall not incurr any expenditure for any breakdown within the scope of work during AMC period. However a provison for incidental spares to be replaced on condition basis either in regular schedule or in brake down during AMC period has been made in estimate.

1. Proposal now prepared based on Sr.DME/BCT's LOA No.MUMBAI-CENTRAL DIVISION-MECHANICAL/M137-7-SAN-SPARMV-UDN-/01040240073957 dated 23.03.2023.
2. Noted.
3. Noted
4. Noted.

In view of above, CMPE (D) CR is requested to kindly accord technical approval for “Comprehensive Annual Maintenance Contract (CAMC) for preventive maintenance of vital equipments of HS-SPART for a period of Two years at ELS/KYN” on single tender basis through OEM or their authorized dealer at total cost of Rs.1,42,14,669.40 including GST based LOA MUMBAI-CENTRAL DIVISION-MECHANICAL/M137-7-SAN-SPARMV-UDN-/01040240073957 dated 23.03.2023, so that the same can be processed further.

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| **मध्य रेल**  वरिष्ठ मंडल विद्युत अभियंता (कचस्टॉक) कार्यालय  विद्युत लोको शेड, कल्याण – ४२१ ३०१-  फोन / फैक्स:- 0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301.  Email :- srdeetrskyncrly@gmail.com |

No. ELSKYN/WKS/Shramik Kalyan Date: 24/06/2023

DPO-I/ CSMT

Sub: Updation of Shramik Kalyan Portal

Ref : Your L.No. BB/P/ Shramik Kalyan dated 20.06.2023

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As desired vide your letter mentioned under reference above, the information of Labour/workers engaged by Railway Contractors in desired format is as under:

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Sr. No. | Name of the contractor (including contract /casual /sanitation workers for perennial nature of jobs | Address of the contract or | Place of work | EPF code No. | Office of the EPFO where contractor is covered | No. of contract employee engaged by this contract | No. of EPF member out of col. 7 | PF dues paid up to | Remarks |
| 1 |  |  |  |  |  |  |  |  |  |
| 2 |  |  |  |  |  |  |  |  |  |
| 3 |  |  |  |  |  |  |  |  |  |
| 4 |  |  |  |  |  |  |  |  |  |
| 5 |  |  |  |  |  |  |  |  |  |
| 6 |  |  |  |  |  |  |  |  |  |
| 7 |  |  |  |  |  |  |  |  |  |
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नीरज कुमार गर्ग

वरि०मंडल विद्युत् इंजिनियर

(क.च.स्टॉक)कल्याण

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| **मध्य रेल**  वरिष्ठ मंडल विद्युत अभियंता (कचस्टॉक) कार्यालय  विद्युत लोको शेड, कल्याण – ४२१ ३०१-  फोन / फैक्स:- 0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301.  Email :- srdeetrskyncrly@gmail.com |

No. ELSKYN/WKS/RSP/Umbrella Work Date: 21/06/2023

CELE/HQ/CR

**(Kind Attention: Shri G. C. Solanki, Dy CEE (EM)**

Sub: ELS/KYN’s proposal against the Umbrella Work 2023-24 under Plan Head -21 (RSP)

For the work of “Maintenance Spares for major overhauling schedule (TOH & IOH)

of conventional and 3 –phase locomotives (PB#1233/RB/2023-24)

Ref : Railway Board’s letter No. 2023-B-106 / Umbrella dated 08.05.2023

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Railway Board vide above referred letter mentioned that the work of “Maintenance Spares for major overhauling schedule (TOH & IOH) of conventional and 3 –phase locomotives” has been included as an “Umbrella Work 2023-24” under PH-21, Rolling Stock in Railway Board” (PB No.1233).

In compliance of Railway Board’s above letter, ELS/KYN’s estimate amounting to Rs 33.99 Crore against PB No. 1045 a for Central Railway’s work of “Maintenance Spares for major overhauling schedule (TOH & IOH) of conventional and 3 –phase locomotives” is enclosed herewith for further necessary action please.

नीरज कुमार गर्ग

वरि०मंडल विद्युत् इंजिनियर

(क.च.स्टॉक)कल्याण

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| **मध्य रेल**  वरिष्ठ मंडल विद्युत अभियंता (कचस्टॉक) कार्यालय  विद्युत लोको शेड, कल्याण – ४२१ ३०१-  फोन / फैक्स:- 0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301.  Email :- srdeetrskyncrly@gmail.com |

No. ELSKYN/WKS/Shramik Kalyan Date: 19/06/2023

CELE/HQ/CR

**(Kind Attention: Shri G. C. Solanki, Dy CEE (EM)**

Sub: Updation all details in Shramik Kalyan Portal

Ref : CPO (IR)’s letter No.P/CR-HQ/I/530/LE/CL/SKP/PSCL/2019 dated 16.06.2023

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As desired in CPO (IR)’s above referred letter this administration has updated and instructed to all contractors individually to update all details in Shramik Kalyan Portal in view of the visit of standing committee on 03.07.2023 at Pune.

नीरज कुमार गर्ग

वरि०मंडल विद्युत् इंजिनियर

(क.च.स्टॉक)कल्याण

**No.ELSKYN/WKS/2020/04/AMC SAN Date : 26-05-2023**

**CMPE(D)/HQ/CR**

**(Kind Attention: Deepak S Khot, Dy DME (EM)**

**Sub:-**Comprehensive Annual maintenance Contract (CAMC) for preventive maintenance

of vital equipments of HS-SPART for a period of two years at ELS KYN on single

tender basis through OEM or their authorized dealer.

Ref:- Your e-office Note No.#5 dated 13.04.2023

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Remarks on the observations made by you vide e-office Note No.5 dated 13.04.2023, are as under:

1. a. Items already covered into AMC-

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Sr. No. | Name/ Description | Make | Details Make/ Model | Qty | AMC Type Comp/ Non- Copm | AMC Period | AMC with OEM/ Authorized dealer/ Name of firm | Total AMC cost in Rs. | Whether technical approval of CMPE (D) has obtained before entering into AMC reference therof |
| 1 | Diesel Engines | Cummins | NTA14R | 02 Nos. | AMC with Lumpsum provision | 03 Yrs | Authorized dealer  M/s Trident Service Pvt. Ltd. | Rs. 35,79,369.41 | No. |
| 2 | Diesel Generator Set | Cummins | QSB 5.9 | 02 Nos. | AMC with Lumpsum provision | 03 Yrs | Authorized dealer  M/s Trident Service Pvt. Ltd. | No. |

b. Items proposed for entering into CAMC-

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Sr. No. | Item | | | |  |  |  |  |  |
| Description | Make | Model/ Details | Qty | AMC Type Comp/ Non- Copm | AMC Period | AMC proposed with OEM/ Authorized dealer of OEM | Name/ details of firm with AMC is proposed | Whether technical approval of CMPE (D) has obtained before entering into AMC reference therof |
| 1 | Voith Transmission | Voith | T211r.3 | 02 Nos. | CAMC | 02 Yrs. |  |  |  |
| 2 | Axle Drive gearbox with powered axle and torque arm |  |  | 02 Nos. | CAMC | 02 Yrs. |  |  |  |
| 3 | Carden Shaft |  |  | 02 Nos. | CAMC | 02 Yrs. |  |  |  |
| 4 | Controls & Instrumentation |  |  | 02 Set | CAMC | 02 Yrs. |  |  |  |
| 5 | Skid Mounting |  |  | 02 Nos. | CAMC | 02 Yrs. |  |  |  |
| 6 | Battery |  |  | 06 Nos. | CAMC | 02 Yrs. |  |  |  |
| 7 | Medical Van 110V Battery charger |  |  | 01 No. | CAMC | 02 Yrs. |  |  |  |
|  |  |  |  |  |  |  |  |  |  |

1. Date of last POH done at PR workshop and received at shed- June 2022

Date of HS-SPART under warranty after POH- 100 Days from the date of POH

1. Noted
2. No. of visits framed as per the schedules prescribed by RDSO are as under:
3. There is no separate schedule for Breakdown visits, attension of breakdown is a part of scope of work, however clauses for breakdown visits will be incorporated in the conditions of contract as under:
4. The Contractor shall be completely responsible for any repair arising within the scope of work during the AMC period. Railways shall not incur any expenditure for any breakdown within the scope of work during AMC period.
5. It may be noted that during schedule maintenance no major repair/breakdown work is expected to be carried out. However, in case of any unforeseen breakdowns of the equipment, the firm is bound to attend the equipment immediately (within 12 hrs) on being instructed by Concerned SSE.

1. LAR.
2. Noted.
3. Noted
4. Noted.

In view of above, CMPE (D) CR is requested to kindly accord technical approval for “Comprehensive Annual Maintenance Contract (CAMC) for preventive maintenance of vital equipments of HS-SPART for a period of Two years at ELS/KYN” on single tender basis through OEM or their authorized dealer at total cost of Rs.1,31,81,606/- including GST, to enable this office to obtain ADRM/BB’s administrative approval and accounts concurrence.

ELSKYN/WKS/2022/34/7775-X-MER Date: 28.04.2023

**CELE/HQ/CR**

**(Kind Attention: Shri G. C. Solanki, Dy.CEE/EM/HQ)**

Sub: HQ’s approval for Technical Specification prepared for the work “Repair, Rebabilitation, Reconditioning, Testing and Supply of 7775 KVA Transformer with Tank type LOT 7775 for WAP/7 locomotives, Qty -03 Nos.

Ref: This office letter No.ELSKYN/Tech/137 C dated 11.03.2023

**\*\*\*\***

Three nos. 7775 KVA transformers are lying on shop floor in defective conditions therefore a proposal and detailed estimate for repairing, rehabilitation, testing and supply of these transformer with tank type LOT 7775 was sent to account for concurrence and vetting vide e-office note no.7 dated 16.01.2023. Defective status of these transformer was intimated by this office to HQ vide letter refered above.

Sr.DFM/CSMT vide letter No.BB/AC/FX-I/Prop/229823/10101807 dated 27.03.2023, E-office Note No.#23 dated 30.03.2023 has concurred the subject proposal and vetted the detailed estimate at a total cost of Rs.1,54,19,490/- all inclusive.

As per concurrence letter, Sr.DEE (TRS) KYN’s sanction (i) to the proposal for “Repair, Rebabilitation, Reconditioning, Testing and Supply of 7775 KVA Transformer with Tank type LOT 7775 for WAP/7 locomotives, Qty -03 Nos.’’ in term of item No. 39(b) of Part A of Model SOP 2018 & (ii) to the Detailed estimate no.ELS/KYN/2022/25/7775 X-MER dtd.12.01.2023 amounting to Rs.1,54,19,490/- all Inclusive in terms of item No.2C of Part A of Model SOP 2018 has been obtained vide this office note of even no dated 01.04.2023, E-office Note No.#27 dated 05.04.2023.

Open tender for this work is to be invited. Technical specification for the subject work has been prepared based on specification of ELS/TKD vide LOA no.WCR-ELOCO-SHED-TKD-ELECTRICAL/TKD-08-2022/0028970057772 dated 09.07.2022 and ELS/AQ vide LOA No.ELS-AJNI-ELECTRICAL/ELS-AQ-DRG-WCQ-21-22-08/00892040046502 dated 14.12.2021. The same is sent herewith for approval.

It is requested to kindly accord approval to the technical specification for subject work to process the same through works contract on open Tender basis at divisional level.

ELSKYN/WKS/2022/34/7775-X-MER Date: 14.03.2023

**CELE/HQ/CR**

**(Kind Attention: Shri G. C. Solanki, Dy.CEE/EM/HQ)**

Sub: HQ’s Technical approval for Technical Specification prepared for the work “Comprehensive Annual Maintenance Contract (CAMC) of BTIL make IGBT based Traction Converters fitted in 3 phase locomotives of ELS/KYN for a period of 03 Years through OEM M/s BTIL”

**\*\*\*\***

HQ’s technical approval of competent authority for said work has been obtained vide e-office Note No. # 04 dated 11.07.2022.

ADRM (OP)/Mum/CR has accorded administrative approval for said work at a total cost of Rs.1,13,19,150 /- (inclusive 18% GST ) on Single Tender basis from OEM viz. M/s. BTIL or authorized dealer of OEM in terms of Item no.39 (e) Part A of Model SOP 2018 vide e-office Note No. # 11 dated 28.07.2022.

Sr. DFM/CSMT vide letter No. BB/AC/FX-I/Prop / 192158 dated 27.10.2022, e-office Note No.#37 dated 31.10.2022 has accorded concurrence and vetted the detailed estimate for “Comprehensive Annual Maintenance Contract (CAMC) of BTIL make IGBT based Traction Converters fitted in 3 phase locomotives of ELS/KYN for a period of 03 Years through OEM M/s BTIL” at an estimated amount of Rs.1,13,19,150 /- (All inclusive).

Sr. DFM further stated that this will require sanction of DRM/ADRM in terms of Item no.39 (e) Part A of Model SOP 2018 and the detailed estimate will require sanction of SG/JAG officer in terms of item No.2 (C) Part A of Model SOP-2018.

Accordingly ADRM/BB’s sanction in terms of item no.39 (e) Part A of Model SOP 2018 has been obtained vide e-office Note No. # 42 dated 04.11.2022. And Sr.DEE(TRS)Kalyan’s sanction to the detailed estimate no. ELSKYN/WKS/2022/07/BTIL TC dated 14.06.2022 amounting to Rs.1,13,19,150 /- (All inclusive) in terms of item No. 2 (C) Part A of Model SOP-2018 has been obtained vide this office note of even no dated 05.11.2022.

Single tender for this work are to be invited. Technical specification No. KYN.R.S.PEX.BT.TC.CAMC.2023 for the subject work has been prepared based on CLW’s specification No. CLW/AMC/C-D&D/01 March 2016, same is sent herewith for approval.

It is requested to kindly accord approval to the technical specification No. KYN.R.S.PEX.BT.TC.CAMC.2023 for subject work to process the same through works contract on Single Tender basis through OEM M/s BTIL at divisional level.

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| **मध्य रेल**  वरिष्ठ मंडल विद्युत अभियंता (कचस्टॉक) कार्यालय  विद्युत लोको शेड, कल्याण – ४२१ ३०१-  फोन / फैक्स:- 0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301.  Email :- srdeetrskyncrly@gmail.com |

No. ELS KYN/WKS/MISC Date: 03/04/2023

CELE/HQ/CR

**(Kind Attention: Shri G. C. Solanki, Dy CEE (EM)**

Sub: Examination of works by CTE/CVC- Submission of quarterly works progress

report

Ref : (i) HQ’s letter No.L.253.AC.CVC dated 21.04.2022

(ii) Dy CVO (Elect) CSMT’s letter No.G.130/CTE/QPR/V.Con

Dtd 21.04.2022

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With reference to above correspondence, required information pertaining to ELS/KYN for the works contracts costing above Rs 1 Cr in prescribed proforma for the quarter from Jan-2023 to Mar-2023 is enclosed herewith.

**(NIRAJ KUMAR GARG)**

**Sr.DEE(TRS) KYN**

No. ELSKYN/WKS/2022/07/BTIL TC Date: 14.03.2023

**CELE/HQ/CR**

**(Kind Attention: Shri G. C. Solanki, Dy.CEE/EM/HQ)**

Sub: HQ’s Technical approval for Technical Specification prepared for the work “Comprehensive Annual Maintenance Contract (CAMC) of BTIL make IGBT based Traction Converters fitted in 3 phase locomotives of ELS/KYN for a period of 03 Years through OEM M/s BTIL”

**\*\*\*\***

HQ’s technical approval of competent authority for said work has been obtained vide e-office Note No. # 04 dated 11.07.2022.

ADRM (OP)/Mum/CR has accorded administrative approval for said work at a total cost of Rs.1,13,19,150 /- (inclusive 18% GST ) on Single Tender basis from OEM viz. M/s. BTIL or authorized dealer of OEM in terms of Item no.39 (e) Part A of Model SOP 2018 vide e-office Note No. # 11 dated 28.07.2022.

Sr. DFM/CSMT vide letter No. BB/AC/FX-I/Prop / 192158 dated 27.10.2022, e-office Note No.#37 dated 31.10.2022 has accorded concurrence and vetted the detailed estimate for “Comprehensive Annual Maintenance Contract (CAMC) of BTIL make IGBT based Traction Converters fitted in 3 phase locomotives of ELS/KYN for a period of 03 Years through OEM M/s BTIL” at an estimated amount of Rs.1,13,19,150 /- (All inclusive).

Sr. DFM further stated that this will require sanction of DRM/ADRM in terms of Item no.39 (e) Part A of Model SOP 2018 and the detailed estimate will require sanction of SG/JAG officer in terms of item No.2 (C) Part A of Model SOP-2018.

Accordingly ADRM/BB’s sanction in terms of item no.39 (e) Part A of Model SOP 2018 has been obtained vide e-office Note No. # 42 dated 04.11.2022. And Sr.DEE(TRS)Kalyan’s sanction to the detailed estimate no. ELSKYN/WKS/2022/07/BTIL TC dated 14.06.2022 amounting to Rs.1,13,19,150 /- (All inclusive) in terms of item No. 2 (C) Part A of Model SOP-2018 has been obtained vide this office note of even no dated 05.11.2022.

Single tender for this work are to be invited. Technical specification No. KYN.R.S.PEX.BT.TC.CAMC.2023 for the subject work has been prepared based on CLW’s specification No. CLW/AMC/C-D&D/01 March 2016, same is sent herewith for approval.

It is requested to kindly accord approval to the technical specification No. KYN.R.S.PEX.BT.TC.CAMC.2023 for subject work to process the same through works contract on Single Tender basis through OEM M/s BTIL at divisional level.

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| **मध्यरेल**  वरिoमंडलविद्युतअभियंता (कचस्टॉक) कार्यालय  विद्युतलोकोशेड,कल्याण–४२१३०१-  फोन / फैक्स:- 0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301. Email:srdeetrskyncrly@bb.railnet.gov.in |

No: ELSKYN/Tech/137 C Date: 11.03.2023

**CELE/ HQ**

**Mumbai CST, C.R.**

**(Kind Attention: Shri G. C. Solanki, Dy.CEE/EM/HQ)**

Sub :- Failure of 7775 KVA transformer caused by damage due to external hitting

of object during running of locomotive.

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At present three nos. 7775 KVA transformers are lying on shop floor in defective condition. Details of these transofmers are as under:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Sr.  No. | Sr.No.of Transformer | Make | Date of Comissioning | Date of Failure | Defect |
| 1. | HVE/77/06/20/2376 | HVEPL | Sept 2020 | 25.09.2020 | Hole formed in tank; primary winding, traction winding and filter winding flashed. |
| 2. | HVE/77/02/22/2677 | HVEPL | Mar 2022 | 25.08.2022 | Hole formed in tank; primary winding shorted with harmonic filter winding and traction winding flashed. |
| 3. | BH 10812/02 | CGL | May 2017 | 18.12.2022 | Hole formed in tank; primary winding, harmonic filter winding, traction winding flashed and huge groove formed in primary winding. |

Above damages are due to hitting of an external object while running at high speed, due to which protection cover and tank damaged badly resulting flashing of all windings of transformer. Huge cost is involved to repair these transforemers as all windings are required to be replaced. In one case, impact was so heavy that it made huge groove in primary winding.

It is therefore requested to look into the matter and raise the issue with RDSO/CLW/BLW/OEM to take corrective/ preventive measures to avoid such type of damages in future.

नीरज कुमार गर्ग

वरि०मंडल विद्युत् इंजिनियर

(क.च.स्टॉक)कल्याण

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| **मध्यरेल**  वरिoमंडलविद्युतअभियंता (कचस्टॉक) कार्यालय  विद्युतलोकोशेड, कल्याण–४२१३०१-  फोन / फैक्स:- 0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301. Email:srdeetrskyncrly@bb.railnet.gov.in |

**No.ELSKYN/WKS/2020/04/AMC SAN Date : 03-03-2023**

**CMPE(D)/HQ/CR**

**(Kind Attention: Deepak S Khot, Dy DME (EM)**

**Sub:-** Comprehensive Annual maintenance Contract (CAMC) for preventive maintenance

of vital equipments of HS-SPART for a period of two years at ELS KYN on single

tender basis through OEM or their authorized dealer.

**Ref:-** This office letter of even No. dated 30.08.2022 sent through E-Office vide Note No.#1

dated 30.08.2022, computer No.204796

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Please connect this office letter referred above vide which it was requested to accord technical approval for “CAMC for preventive maintenance of vital equipments of HS-SPART for a period of Two years at ELS/KYN” on single tender basis through OEM viz M/s SAN Engineering & Locomotive Co Ltd., Banglore or their authorized dealer.

It is regretted to state that approval has not been received even passing of more than six months.

HS-SPART is a critical vehicle and its requirement is mainly for faster initial response and providing quickest possible medical attention, rescue and restoration. HS –SPART is used in most adverse circumstances where time and reliability are absolute must. This has to be of utmost reliability for its quick movement towards the accident site for the relief and rescue operation of entrapped passengers in accident involved coaches. Hence the failure of this unit is undesirable and attracts severe criticism from higher ups and public. In order to avoid such situation, it is essential that SPART shall be kept in good fettle all the time.

Vital equipments of M/s SAN Engineering & Locomotive Co Ltd., Banglore provided in HS-SPART are running out of warrnaty mode which may be failed/ malfunctioned at any time.

As there is no expertise manpower and required machinery & material available with ELS KYN for maintenance of above equipments, it is proposed to enter into comprehensive annual contract for these equipments through OEM or their authorized dealers.

DRM vide item no. 5.21 of inspection note no.BB.DRM.Inspection dated 13.07.2020 has also directed that all SPART equipments needs to be covered in AMC/CAMC with OEM.

This work will be carried out in terms of item No.39 (e) of Part A of Model SOP 2018 On Single Tender basis with OEM or authorised dealer of OEM.

It is therefore requested to kindly accord technical approval for “Comprehensive Annual Maintenance Contract (CAMC) for preventive maintenance of vital equipments of HS-SPART for a period of Two years at ELS/KYN” on single tender basis through OEM viz M/s SAN Engineering & Locomotive Co Ltd., Banglore or their authorized dealer at approx cost of Rs.1,31,81,606/- including GST, to enable this office to obtain ADRM/BB’s administrative approval and accounts concurrence.

नीरज कुमार गर्ग

वरि०मंडल विद्युत् इंजिनियर

(क.च.स्टॉक)कल्याण

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| **मध्यरेल**  वरिoमंडलविद्युतअभियंता (कचस्टॉक) कार्यालय  विद्युतलोकोशेड, कल्याण–४२१३०१-  फोन / फैक्स:- 0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301. Email:srdeetrskyncrly@bb.railnet.gov.in |

No. ELSKYN/WKS/HQ/Misc Date: 10.02.2023

**CELE/HQ/CR**

**(Kind Attention: Shri G C Solanki, Dy CEE (EM)**

Sub: MoU Target for FY 2022-23- Reduction of AMC expenditure.

Ref: HQ’s letter No. L.253.AC.CVC dated 20.12.2022

**\*\*\*\***

With refrence to above cited letter, the information regarding reduction of AMC expenditure over the last year in prescribed format is as under:

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Key Perform-ance Indicators | Unit of Measurement | Annual Target 22-23 | For the current month | | | Cumulative upto current month of 2022-23 | | |
| Prop Tgt | Act.21-22 | Act.22-23 | Prop Tgt | Act.21-22 | Act.22-23 |
| Operational, Financial & Efficiency improvement parameters | | | | | | | | |
| Reduction in AMC expenditure over the last year [(last Year expenditure – current year expenditure) \* 100/ Last year expenditure] | **%** | **30** | **Nil** | | | **Nil** | | |

Note : - Reduction in AMC expenditure is not feasible due to following reasons:

1. In ELS KYN 15 AMCs are under execution as detailed below:
2. AMC for M&P items – 05 Nos.
3. AMC for Static Inverter Unit of various make- 04 Nos.
4. AMC of Hotel Load Converter (Siemense & Medha make)- 02 Nos.
5. AMC of general equipment of locos (Fire extinguisher & CAB AC)- 02 Nos.
6. AMC of MPCS- 01 No.
7. AMC of BHEL make Traction & Auxiliary Converter- 01 No.

The detailes of these AMC along with remarks for inescapability of AMC is given in Annexure- A attached.

1. AMC of sophisticated equipment such as SIVs, IGBT based HLC, TC & AC are as per railway boards guideline and RDSO SMI.
2. In conventional locos only SIVs & MPCS are under AMC and rest all other equipments of locos are being maintained by ELS Kalyan. 85 Nos. of Alstom make SIV are maintained departmentally resulting saving of approx.. Rs.4.25 Cr. per year towards AMC @ Rs.5 lakh per SIV per year.
3. There is indirect savings of revenue due to these CAMCs.
4. From the Annexure it may be seen that total annual cost of 15 AMC is Approx. Rs.3.34 Cr. BG for ELS Kalyan is 80.30 Cr. Annual AMC charges worksout to be 4.16% of total budget grant of ELS Kalyan.

नीरज कुमार गर्ग

वरि०मंडल विद्युत् इंजिनियर

(क.च.स्टॉक) कल्याण

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| **मध्यरेल**  वरिoमंडलविद्युतअभियंता (कचस्टॉक) कार्यालय  विद्युतलोकोशेड, कल्याण–४२१३०१-  फोन / फैक्स:- 0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301. Email:srdeetrskyncrly@bb.railnet.gov.in |

No. ELSKYN/WKS/HQ/Misc Date: 10.01.2023

**CELE/HQ/CR**

**(Kind Attention: Shri Ved Prakash, Dy CEE (EM)**

Sub: MoU Target for FY 2022-23- Reduction of AMC expenditure.

Ref: HQ’s letter No. L.253.AC.CVC dated 20.12.2022

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With refrence to above cited letter, the information regarding reduction of AMC expenditure over the last year in prescribed format is as under:

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Key Perform-ance Indicators | Unit of Measurement | Annual Target 22-23 | For the current month | | | Cumulative upto current month of 2022-23 | | |
| Prop Tgt | Act.21-22 | Act.22-23 | Prop Tgt | Act.21-22 | Act.22-23 |
| Operational, Financial & Efficiency improvement parameters | | | | | | | | |
| Reduction in AMC expenditure over the last year [(last Year expenditure – current year expenditure) \* 100/ Last year expenditure] | **%** | **30** | **Nil** | | | **Nil** | | |

Note : - Reduction in AMC expenditure is not feasible due to following reasons:

1. In ELS KYN 15 AMCs are under execution as detailed below:
2. AMC for M&P items – 05 Nos.
3. AMC for Static Inverter Unit of various make- 04 Nos.
4. AMC of Hotel Load Converter (Siemense & Medha make)- 02 Nos.
5. AMC of general equipment of locos (Fire extinguisher & CAB AC)- 02 Nos.
6. AMC of MPCS- 01 No.
7. AMC of BHEL make Traction & Auxiliary Converter- 01 No.

The detailes of these AMC along with remarks for inescapability of AMC is given in Annexure- A attached.

1. AMC of sophisticated equipment such as SIVs, IGBT based HLC, TC & AC are as per railway boards guideline and RDSO SMI.
2. In conventional locos only SIVs & MPCS are under AMC and rest all other equipments of locos are being maintained by ELS Kalyan. However 85 Nos. of Alstom make SIV are maintained departmentally resulting saving of approx.. Rs.4.25 Cr. per year towards AMC @ Rs.5 lakh per SIV per year.
3. There is indirect savings of revenue due to these CAMCs.
4. From the Annexure it may be seen that total annual cost of 15 AMC is Approx. Rs.3.34 Cr. BG for ELS Kalyan is 80.30 Cr. Annual AMC charges worksout to be 4.16% of total budget grant of ELS Kalyan.

नीरज कुमार गर्ग

वरि०मंडल विद्युत् इंजिनियर

(क.च.स्टॉक) कल्याण

No. No. ELSKYN/WKS/2022/29/TM Stator Date: 07.01.2023

**CELE/HQ/CR**

**(Kind Attention: Shri Vedprakash, Dy CEE (EM)**

Sub: HQ’s Technical approval

1. to the proposal for “Mechanical repair / rehabilitation of Hitachi traction motor stators (type HS-15250A) of Electric locomotives, Qty: 50 Nos. ”
2. to technical specification prepared for the above work i.e. “Mechanical repair / rehabilitation of Hitachi traction motor stators (type HS-15250A) of Electric locomotives, Qty: 50 Nos.“

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A proposal for the subject work was sent to your office for obtaing HQ’s technical approval vide letter no. No.KYN/RS/TM/F/4 dated 28.10.2022, e-office Note #1 dated 28.10.2022

This proposal was returned by your office asking finance Concurrence letter and estimate vide e-office Note # 6 dated 17.12.2022

As desired a copy of account concurrence, copy of sanction and sanctioned detailed estimate are attached at Pg-

Now open tender for the subject work is to be invited. The technical specification for carrying out the subject work has been prepared based on ELS/ BSLs scope LOA No. Bhusawal Division -Electrical/BSL-TRS-Tender-2022-03/01077930061492 dated 08.09.2022 and TC 158. Same is sent herewith for approval. (Pg-

It is requested to kindly accord technical approval to the above said proposal and approval to attached technical specification for subject work to process the same through works contract on open Tender basis at divisional level.

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| **मध्य रेल**  वरिष्ठ मंडल विद्युत अभियंता (कचस्टॉक) कार्यालय  विद्युत लोको शेड, कल्याण – ४२१ ३०१-  फोन / फैक्स:- 0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301.  Email :- srdeetrskyncrly@gmail.com |

No. ELS KYN/WKS/MISC Date: 05/01/2023

CELE/HQ/CR

**(Kind Attention: Shri M.L.Vishnoi, Dy CEE (EM)**

Sub: Examination of works by CTE/CVC- Submission of quarterly works progress

report

Ref : (i) HQ’s letter No.L.253.AC.CVC dated 21.04.2022

(ii) Dy CVO (Elect) CSMT’s letter No.G.130/CTE/QPR/V.Con

Dtd 21.04.2022

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With reference to above correspondence, required information pertaining to ELS/KYN for the works contracts costing upto Rs 1 Cr and above Rs 1 Cr separately in prescribed proforma for the quarter from Oct-2022 to Dec-2022 are enclosed herewith as Annexure A and B respectively.

**(NIRAJ KUMAR GARG)**

**Sr.DEE(TRS) KYN**

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| **मध्यरेल**  वरिoमंडलविद्युतअभियंता (कचस्टॉक) कार्यालय  विद्युतलोकोशेड, कल्याण–४२१३०१-  फोन / फैक्स:- 0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301. Email:srdeetrskyncrly@bb.railnet.gov.in |

No: ELSKYN/WKS/2017/10/ AMC/SIV AAL Date: 20.10.2022

**CELE/ HQ**

**Mumbai CST, C.R.**

**(Kind Attention: Shri M.L.Vishnoi, Dy.CEE/EM/HQ)**

Sub :- LOA No.L.253.AC/AMC/AAL-SIV dtd 07.08.2018 for “Comprehensive Annual Maintenance Contract (AMC) of AAL make 180 KVA static inverter (SIV) fitted in conventional locomotives of various electric loco sheds of Central Railway (i.e. ELS/KYN, BSL & Ajni)

Ref:- Your office letter No.L.253.AC.AMC.AAL/SIV dated 10.10.2022.

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With reference to above cited letter, it is confirmed that CAMC of AAL make 180 KVA static inverter (SIV) has been successfully completed by M/s Autometer Alliance Ltd, Noida as per contract agreement/LOA mentioned above. All payments due against the contract for ELS/KYN’s portion have been passed.

This has also been confirmed by M/s AAL vide letter No. 22-23:CRLY:AMC:NC:KYN1 dated 30.09.2022. (Copy enclosed)

It is also confirmed that Railway have no claim balance from the contractor.

(SANJESH)

DEE/TRS/KYN

For Sr.DEE(TRS)KYN

No. ELSKYN/WKS/2022/03/ Trap Chamber Date: 19.10.2022

**CELE/HQ/CR**

**(Kind Attention: Shri M.L.Vishnoi, Dy CEE (EM)**

Sub: HQ’s Technical approval

1. to the proposal for “Provision of Trap Chamber in Three Phase locomotives (WAP-7) for collecting coal/dust particles from BP train Pipe during emergency brake application, Qty- 43 Loco.”
2. to technical specification for the above work i.e. “Provision of Trap Chamber in Three Phase locomotives (WAP-7) for collecting coal/dust particles from BP train Pipe during emergency brake application, Qty- 43 Loco.“

**\*\*\*\***

As per RDSO’s Modificaqtion Sheet No.RDSO/2017/EL/MS/0465 Rev 0 dated 18.10.2017, a proposal and detailed estimate for the said work at a total cost of Rs.30,28,662 /- (inclusive of all charges on open tender basis is processed for account concurrence.

As the subject work is proposed for the first time; Headquarter’s technical approval from competent authority is to be obtained as per accounts practice.

Technical specification for the subject work has been prepared based on ELS/Bhusawal’s specification for the same work & RDSO’s Modification Sheet No. RDSO/2017/EL/MS/0465, Rev ‘0’ dated 18.10.2027. Same is sent herewith for approval.

It is requested to kindly accord technical approval to the above said proposal and approval to technical specification for subject work to process the same through works contract on open Tender basis at divisional level.

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| **मध्य रेल**  वरिष्ठ मंडल विद्युत अभियंता (कचस्टॉक) कार्यालय  विद्युत लोको शेड, कल्याण – ४२१ ३०१-  फोन / फैक्स:- 0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301.  Email :- srdeetrskyncrly@gmail.com |

No. ELSKYN/WKS/System Improvement Date: 13.10.2022

**CEGE**

**CSMT**

**Central Railway**

Sub: System Improvement

Ref : HQ’s letter No.CR.PCEE.Secy.Genl Corresp dated 13.10.2022

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In reference to above letter, it is intimated that as suggested the system improvement action is now being taken by this office and will be continued hereafter by incorporating a mandatory condition for submission of under taking for sole proprioter in NIT.

(NIRAJ KUMAR GARG)

Sr.DEE(TRS) KYN

No. ELSKYN/WKS/2022/26/Slung Legs Date: 12.10.2022

**CELE/HQ/CR**

**(Kind Attention: Shri M.L.Vishnoi, Dy CEE (EM)**

Sub: HQ’s Technical approval

1. to the proposal for “ Modification in under slung compressor mounting legs of 3 phase locomtoves, Qty 130 compressors on 65 Locos”
2. to technical specification for the above work i.e. “ Modification in under slung compressor mounting legs of 3 phase locomtoves “

**\*\*\*\***

A proposal and detailed estimate for the said work has been concurred and vetted by Sr.DFM/CSMT vide letter No. AC/BB/FX-I/Prop/38490 dated 26.09.2022, E-office Note No.#13 dated 03.10.2022 at a total cost of Rs. 55,22,400/- (Inclusive of 18% GST).

As per condition (1) of Sr.DFM/CSMT’s concurrence letter, Headquarter’s technical approval from competent authority is to be obtained prior to sanction to the proposal.

Sanction to the proposal and detailed estimate will be obtained from Sr.DEE(TRS) KYN in terms of item No. 39(b) and item No. 2 (C) Part A of Model SOP 2018 respectively after accordance of HQ’s technical approval.

Open tender for this work is to be invited. Technical specification for the subject work has been prepared based on ELS/Ajni’s specification for the same work & RDSO’s Modification Sheet No. RDSO/2022/EL/MS/0484, Rev ‘0’ dated 24.01.2022, which has HQ’s approval. The same is sent herewith for approval.

It is requested to kindly accord technical approval to the above said proposal and approval to technical specification for subject work to process the same through works contract on open Tender basis at divisional level.

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| **मध्य रेल**  वरिष्ठ मंडल विद्युत अभियंता (कचस्टॉक) कार्यालय  विद्युत लोको शेड, कल्याण – ४२१ ३०१-  फोन / फैक्स:- 0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301.  Email :- srdeetrskyncrly@gmail.com |

No. ELS KYN/WKS/MISC Date: 03/10/2022

CELE/HQ/CR

**(Kind Attention: Shri M.L.Vishnoi, Dy CEE (EM)**

Sub: Examination of works by CTE/CVC- Submission of quarterly works progress

report

Ref : (i) HQ’s letter No.L.253.AC.CVC dated 21.04.2022

(ii) Dy CVO (Elect) CSMT’s letter No.G.130/CTE/QPR/V.Con

Dtd 21.04.2022

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With reference to above correspondence, required information pertaining to ELS/KYN for the works contracts costing upto Rs 1 Cr and above Rs 1 Cr separately in prescribed proforma are enclosed herewith as Annexure A and B respectively.

(NIRAJ KUMAR GARG)

Sr.DEE(TRS) KYN

**No.ELSKYN/WKS/2020/04/AMC SAN Date : 27-08-2022**

**CMPE(D)/HQ/CR**

**(Kind Attention: Deepak S Khot, Dy DME (EM)**

**Sub:-**Comprehensive Annual maintenance Contract (CAMC) for preventive maintenance

of vital equipments of HS-SPART for a period of two years at ELS KYN on single

tender basis through OEM or their authorized dealer.

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HS-SPART was received at ELS/KYN and commissioned on date 14.05.2018 for the first time. HS-SPART typically consists of three vehicles (Driving car cum Tool Van, a Medical van, and Driving car cum Supervisor's Van) and have driving cab at both end.

HS-SPART KYN is a critical vehicle due to its requirement for faster initial response and for providing quickest possible medical attention and rescue & restoration, Self Propelled Accident Relief Trains (SPART) capable of High speed has been introduced on IR system. HS- SPART KYN consists of Traction diesel engine (Cummins make)- 02 nos, 125 KVA DG set - 02 nos, hydraulic transmission-02 nos,Carden shaft-04 nos, Final drive (Gear box) – 02 nos, both end Electrical control panel & driver desk, Compressor - 02 nos,radiator – 02 nos etc. and warranty of equipments was upto may 2020.

Now, these equipments are to be maintained in house. However, there is no expertise manpower and required machinery & material available with ELS KYN for maintenance of above equipments. It is therefore proposed to enter into comprehensive annual contract for these equipments through OEM or their authorized dealers.

DRM vide item no. 5.21 of inspection note no.BB.DRM.Inspection dated 13.07.2020 has also directed that all SPART equipments needs to be covered in AMC/CAMC with OEM.

Out of the above equipments except Traction Diesel Engine with radiator and 125 KVA DG set which are of Cummins make all the remaining items are proposed through M/s SAN Engineering & Locomotive Co. Ltd. Firm is the manufacturer of most of the equipments mentioned above. CAMC of these equipments are being carried out by M/s SNA Engg is other railways.

The estimated cost of the work for CAMC of above equipments for the period of Two years will be Rs. 1,31,81,606/- including GST, based on the M/s SAN Engineering & Locomotive Co. Ltd. Budgetary Quotation no. SAN/SER/CAMC/BQ/HSS/220002 dated 23.06.2022. This includes the service charges, cost of must charge items and condition based items to be replaced during CAMC of 2 years.

Accordingly, detailed estimate No. ELSKYN/WKS/2022/10/HS-SPART for the subject work at an total cost of Rs. 1,31,81,605.50 inclusive of GST chargeable to D.No. 8F (47000-080-340-32) has been prepared. This work will be carried out in terms of item No.39 (e) of Part A of Model SOP 2018 On Single Tender basis with OEM or authorised dealer of OEM.

Sr.DEE(TRS)KYN has accorded approval to this proposal for obtaining CMPE (D) CR’s technical approval and further ADRM’s administrative approval; vide office note No.KYN.RS.T.8 dated 05.07.2022.

CMPE (D) CR is requested to kindly accord technical approval for “Comprehensive Annual Maintenance Contract (CAMC) for preventive maintenance of vital equipments of HS-SPART for a period of Two years at ELS/KYN” on single tender basis through OEM or their authorized dealer at total cost of Rs.1,31,81,606/- including GST, to enable this office to obtain ADRM/BB’s administrative approval and accounts concurrence.

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| **मध्यरेल**  वरिoमंडलविद्युतअभियंता (कचस्टॉक) कार्यालय  विद्युतलोकोशेड, कल्याण–४२१३०१-  फोन / फैक्स:- 0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301. Email:srdeetrskyncrly@bb.railnet.gov.in |

No: ELSKYN/WKS/2017/10/ AMC/SIV AAL Date: 25.08.2022

**CELE/ HQ**

**Mumbai CST, C.R.**

**(Kind Attention: Shri M.L.Vishnoi, Dy.CEE/EM/HQ)**

Sub :- LOA No.L.253.AC/AMC/AAL-SIV dtd 07.08.2018 for “Comprehensive Annual Maintenance Contract (AMC) of AAL make 180 KVA static inverter (SIV) fitted in conventional locomotives of various electric loco sheds of Central Railway (i.e. ELS/KYN, BSL & Ajni)

Ref:- Your office letter No.L.253.AC.AMC.AAL/SIV dated 13.07.2022.

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With reference to above cited letter, it is confirmed that CAMC of AAL make 180 KVA static inverter (SIV) has been successfully completed by M/s Autometer Alliance Ltd, Noida as per contract agreement/LOA mentioned above. However, their bill for last two quarters is under verification and passing.

It is also confirmed that Railway have no claim balance from the contractor.

(SANJESH)

DEE/TRS/KYN

For Sr.DEE(TRS)KYN

**“CONFIDENTIAL”**

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| **मध्यरेल**  वरिष्ठमंडलविद्युतअभियंता (कचस्टॉक) कार्यालय  विद्युतलोकोशेड, कल्याण–४२१३०१  फोन / फैक्स:- 0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301.  Email :- [srdeetrskyncrly@gmail.com](mailto:srdeetrskyncrly@gmail.com) |

No. ELS KYN/WKS/HQ/Misc Date: 17.08.2022

**Dy CVO/EL**

**CSMT**

Sub:- Approval of draft charge sheet for banning of business with the firm viz M/s N.M. Industries, Kalyan.

Ref : (i) Your letter No.G.130/2020/09/00287/V6/V.Con dated 24.06.2022

(ii) Dy.CLO/CSMT’s letter No.G.382/Opinion/37/Law Cell/2022-23 dtd 03.08.2022

(iii) Dy.CEE/EM/ CSMT’s letter No.L.253.AC.Misc dated 12.08.2022

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With reference to your letter mentioned under reference at Sr.No. (i), draft charge sheet of M/s N.M.Industries, Kalyan (West) – 421 301 for banning of business has been vetted by Dy.CLO/CSMT vide letter No.G.382/Opinion/37/Law Cell/2022-23 dated 03.08.2022. (Copy enclosed).

Further above draft charge sheet has been approved by PCEE vide office note No. L.253.AC.Misc dated 12.08.2022 which is conveyed by Dy.CEE/EM/CSMT vide letter No. L.253.AC.Misc dated 12.08.2022 (copy enclosed)

Draft chargesheet duly vetted by LAW office and approved by PHOD alongwith Annexure 10.1 duly filled with available information is sent herewith for further necessary action.

(Niraj Kumar Garg)

Sr.DEE(TRS) Kalyan

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| **मध्यरेल**  वरिष्ठमंडलविद्युतअभियंता (कचस्टॉक) कार्यालय  विद्युतलोकोशेड, कल्याण–४२१३०१  फोन / फैक्स:- 0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301.  Email :- [srdeetrskyncrly@gmail.com](mailto:srdeetrskyncrly@gmail.com) |

No. ELS KYN/WKS/HQ/Misc Date: 09.08.2022

**CELE/HQ/CR**

**(Kind Attention: Shri M.L.Vishnoi, Dy CEE (EM)**

Sub:- List of activities being done by ELS/KYN instead of AMC.

Ref:- (i) HQ’s letter No.L.253.AC.MOU dated 08.08.2022

(ii) CRB VC on 16.08.2022

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The information about name of activities in house rather than AMC at ELS/KYN in requisite format is as given below:

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| S.  No. | Name of activity in house rather than through AMC/CAMC | Field Units | Unit of Measu-rement | Approx Annual Monetary Value (for 2022-23) of AMC, had the activity been outsourced under AMC (in Rs) | Annual expenditure being incurred in house on this activity (in Rs) | | | Approx annual saving (in Rs) achieved by in house maintenance |
|  |  |  |  |  | Material | Man-Power | Total |  |
| 1 | Repair/ maintenance of 180 KVA ALSTOM make SIV by ELS/KYN | ELS/  KYN | 85 Nos. SIV | 4.25 Cr. |  |  |  |  |
| 2 | Reapir/ Maintenance of ESMON | ELS/KYN |  |  |  |  |  |  |

Esmon @ 18,200/- each year

(Niraj Kumar Garg)

Sr.DEE(TRS) Kalyan

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| **मध्यरेल**  वरिष्ठमंडलविद्युतअभियंता (कचस्टॉक) कार्यालय  विद्युतलोकोशेड, कल्याण–४२१३०१  फोन / फैक्स:- 0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301.  Email :- [srdeetrskyncrly@gmail.com](mailto:srdeetrskyncrly@gmail.com) |

No. ELS KYN/WKS/HQ/Misc Date: 08.08.2022

**CELE/HQ/CR**

**(Kind Attention: Shri M.L.Vishnoi, Dy CEE (EM)**

Sub:- Approval of draft charge sheet for banning of business with the firm viz M/s N.M. Industries, Kalyan.

Ref : (i) Dy.CVO/EL’s letter No.G.130/2020/09/00287/V6/V.Con dated 24.06.2022

(ii) Dy.CLO/CSMT’s letter No.G.382/Opinion/37/Law Cell/2022-23 dtd 03.08.2022

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A works contract for “Supply, Erection of Safety Bracket on BP/FP Isolating Cock of WAG/9 locomotives was awarded to M/s N.M. Industries, 401, E-3, Kalptaru Co-op Hsg.Socity, Lok Udyan, Kalyan (W) at a total cost of Rs 4,73,121/- inclusive of all, vide this office letter of acceptance No. ELSKYN/WKS/2018/40/Safety Bracket dated 31.10.2018. (Pg 10-12)

As per para-No. 3.6 of scope of work, the contractor should have to submit Govt. approved lab test certificate of supplied material for necessary IS. The cost of laboratory testing should be borne by contractor.

The firm had submitted the material test certificates issued by “Reliable Testing Services, Andheri, Certificate No.18121023-A, 18121023-B, 18121023-C, 18121023-D dated 14.12.2018, on the basis of which supplied material was accepted by ELS/KYN. (Pg- 6-9)

Later on the genuineness of these certificates was verified by vigilance office/CSMT from test certificate issuing agency i.e. Reliable Testing Services, Andheri and they found that all these certificates are forged. (Pg 2-5)

Dy CVO/EL CSMT vide letter No. G.130/2020/09/00287/V6/V.Con dated 24.06.2022 has submitted draft charge sheet and draft statement of article of charges framed against the above firm and stated to submit the same to Vigilance Office after **approval of PHOD** and duly vetted by Law Officer. (Pg 14-16)

Accordingly legal vetting by Law Officer has been taken. Dy.CLO/ CSMT’s letter No. G.382/Opinion/37/Law Cell/2022-23 dtd 03.08.2022 stated that draft statement of Articles of Charges framed against M/s N.M.Industires appears to be in order and hence vetted. (Pg 17-18)

In view of the above, it is requested to kindly accord PHOD’s approval to the draft charge sheet so that the case may be sent to Vigilance Office for further action.

Annexure 10.1 duly filled with available information is also enclosed herewith (Pg-1)

(Niraj Kumar Garg)

Sr.DEE(TRS) Kalyan

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| **मध्यरेल**  वरिष्ठमंडलविद्युतअभियंता (कचस्टॉक) कार्यालय  विद्युतलोकोशेड, कल्याण–४२१३०१  फोन / फैक्स:- 0251- 2361293 & 2363563 | Description: New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301.  Email :- [srdeetrskyncrly@gmail.com](mailto:srdeetrskyncrly@gmail.com) |

No. ELS KYN/WKS/HQ/Misc Date: 29.07.2022

**CELE/HQ/CR**

**(Kind Attention: Shri M.L.Vishnoi, Dy CEE (EM)**

Sub:- Availability of Electric Locomotives for branding display.

Ref :- (i) DRM (C) –CSMT’s letter No.BB.C.465.CP.TDR.TM.2022 dated 25.07.2022

(ii) Railway Board’s letter No. 2003/Elect (TRS)/440/4 datd 09.07.2019

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Railway Board has issued above referred letter at Sr.No. (ii) for generating Non-Fare-Revenue through branding of locomotive addressed to GM of all Zonal Railways.

DIvional Office, Commercial Publicity Section, Mumbai CST vide above referred letter at Sr.No.(i) stated that their office want to foat tender for locomotive Branding Display and asked for total number of electric locomotive available in shed for this purpose.(Copy enclosed)

Electric Loco Shed, Kalyan is holding 225 Nos. Electric Locomotives of various type as detailed below:

WCAM/3 - 15

WAG/7 M - 38

WAP/7 - 78

WCAM/2-6P AC - 20

WCAG/1 - 12

WCM/6 - 02

WAG/7 - 60

It is requested to kindly issue guidelines/ approval and No.of locomotives for Branding Display of Electric Locomotives, so that DRM (C) CSMT may be advised accordingly.

(SANJESH)

DEE (TRS) Kalyan

For Sr.DEE(TRS) Kalyan

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| **मध्य रेल**  वरिष्ठ मंडल विद्युत अभियंता (कचस्टॉक) कार्यालय  विद्युत लोको शेड, कल्याण – ४२१ ३०१-  फोन / फैक्स:- 0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301.  Email :- srdeetrskyncrly@gmail.com |

No. ELS KYN/WKS/MISC Date: 09/07/2022

CELE/HQ/CR

**(Kind Attention: Shri M.L.Vishnoi, Dy CEE (EM)**

Sub: Examination of works by CTE/CVC- Submission of quarterly works progress

report

Ref : (i) HQ’s letter No.L.253.AC.CVC dated 21.04.2022

(ii) Dy CVO (Elect) CSMT’s letter No.G.130/CTE/QPR/V.Con

Dtd 21.04.2022

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With reference to above correspondence, required information pertaining to ELS/KYN for the works contracts costing upto Rs 1 Cr and above Rs 1 Cr separately in prescribed proforma are enclosed herewith as Annexure A and B respectively.

(SANJESH)

DEE(TRS) Kalyan

For Sr.DEE(TRS) KYN

No. ELS KYN/WKS/2022/20/BTIL TC                                                       Date: 05.07.2022

**CELE/HQ/CR**

**(Kind Attention: Shri M.L.Vishnoi, Dy CEE (EM)**

Sub: Technical approval for the work of “Comprehensive Annual Maintenance Contract (CAMC) of BTIL

make IGBT based Traction Converters fitted in 3 phase locomotives of ELS/KYN for a period of 03 Years through OEM M/s BTIL”

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At present ELS/KYN is holding 78 Nos. WAP7 type Locos. Each loco has 02 Traction Converters (TC-1 & TC-2) & 03 Auxiliary Converters (BUR-1,BUR-2& BUR-3).

As on date most of the Traction Converters which are under warranty are maintained/repaired by OEMs. As on date there is no CAMC for Traction Converters of BTIL make in ELS/KYN.

As per Railway Board letter no.2005/Elect.(TRS)/480/2 Pt. VI, dated 02.06.2015, maintenance of specialized assemblies such as Traction Propulsion System (TPS) including their sub-assemblies could be under AMC, if AMC for maintaining such items is considered inescapable and can’t be maintained in house due to their specialized nature. It is certified that maintenance of 2 X 500 KVA Hotel Load Converter is specialized in nature.

The Traction Converters are highly technical equipment requiring technical expertise for its maintenance and as ELS KYN is not having facilities and technical expertise to maintain these converters. Hence it is proposed to outsource maintenance of BTIL make IGBT based Traction converters.

In view of this, it is proposed to enter into CAMC with OEM M/s BTIL for maintenance of BTIL make IGBT based Traction converters (standalone) to ensure genuineness of maintenance.

Population and out of warranty details of BTIL make IGBT based traction converter (standalone) is as below

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **Equipment** | **Population**  **(**as on 01.06.22**)** | **Out of Warranty Status** | | |
| **1st Year**  **2022-23** | **2 nd Year**  **2023-24** | **3 rd Year**  **2024-25** |
| 1 | Traction Converter | 6 | 2 | 6 | 6 |

Out of total 06 locos equipped with BTIL make IGBT based Traction converter (standalone), 02 locos are out of warranty as of now and remaining 4 locos will be out of warranty in the next year.

CAMC of BTIL make IGBT based Traction Converter of ELS/AQ has been awarded to M/s BTIL vide Sr.DEE (TRS) AQ's LOA No.ELS-AJNI-ELECTRICAL/ELS-AQ-DRG-WCQ-21-22-16/00025010051434 dated 21.03.2022 based on this LOA the total cost of the subject work worksout to be Rs.1,13,19,150 /- (Rupees One Crore Thirteen Lakh Nineteen Thousand One Hundred and Fifty only) inclusive of GST @ 18%.

Sr.DEE(TRS)KYN has accorded administrative approval to this proposal vide office note no. dtd. 04.07.2022.

Since this activity is being carried out first time in ELS Kalyan, it is therefore requested to kindly accord technical approval of competent authority to the proposal for “Comprehensive Annual Maintenance Contract (CAMC) of BTIL make IGBT based Traction Converters fitted in 3 phase locomotives of ELS/KYN for a period of 03 Years through OEM M/s BTIL”.

Submitted for technical approval please.

No.ELSKYN/WKS/2022/22/CCB Date: 06-07-2022

**CELE/HQ/CR**

**(Kind Attention: Shri M.L.Vishnoi, Dy CEE (EM)**

Sub: Technical approval for the work of “Overhauling of CCB-II Brake System of M/s Knorr-

Bremse make in 3-Phase electric locomotives (WAP-7 type) Qty.07 Locos.

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At present in Electric loco shed, Kalyan there are 33 Nos. of WAP-7 type 3 phase Electric Locomotives having CCB-2 brake system of Knorr- Bremse India Ltd. make

In these locomotives brake is controlled through software. All the valves are provided with electronics cards, inside them and signals are given through transducer to CCB II system.

The CCB-2 brake system is required to be overhauled during its IOH schedule as per SMI-RDSO/2016/EL/SMI/0298 Rev.’0’ dated 06.10.2016. The IOH schedule of WAP-7 locomotives is 4 ½ years as per RDSO’s letter no. EL/3.6.1 dated 13.10.2020.

As on date 03 Nos CCB-II brake system are require to be repaired, & 04 locos CCB-II brake system will be due in 2023-2024 for IOH schedule hence total 07 locos CCB-II brake system is proposed for overhauling.

Proposal for subject work was processed vide office note dated 30.07.2021 & has been sanctioned by competent authority for WAG-9 type locomotives Qty.07 locos at a total cost of Rs.92,51,081/ - Including all taxes but all WAG-9 locomotives transferred from ELS/KYN to other railways hence that proposal was not processed further.

The CCB-2 Brake system are electronics based containing electronics cards with inbuilt software which require technical expertise as well as adequate infrastructure for Intermediate Overhauling. ELS/KYN is not having facilities and technical expertise for overhauling of CCB brake system departmentally. During overhauling, all rubber kit/ seals are must change items also different LRU’s in panel are proprietary items which can only be overhauled by OEM, hence it is necessary to get this work done from OEM.

Similar type of work has been allotted by Sr.DEE/TRS/AQ C.R. to M/s Knorr Bremse Pvt. Ltd. Palwal vide LOA No. ELS-AJNI-ELECTRICAL/ELS-AQ-DRG-WCQ-21-22-25/00999870055640 dtd. 06-06-2022.

Accordingly, detailed estimate No. ELSKYN/WKS.2022/09/CCB dtd. 02.07.2022 is prepared for the subject work at a total cost of Rs.1,03,61,121.97 inclusive of GST based on Sr. DEE/TRS/AQ’s above LOA.

Sr.DEE(TRS)KYN has accorded approval to this proposal vide office note of even no. dtd.15.06.2022.

Since this activity is being carried out first time in ELS Kalyan, it is therefore requested to kindly accord technical approval of competent authority for the work of “Overhauling of CCB-II Brake System of M/s Knorr- Bremse make in 3-Phase electric locomotives (WAP-7 type) Qty.07 locos.” on single tender basis through OEM or authorised dealer of OEM at an approximate cost of Rs. 1,03,61,121.97 inclusive of 18% GST.

Submitted for technical approval please.

No. ELSKYN/WKS/2021/16/CAMC-TC BHEL Date: 01.06.2022

**CELE/HQ/CR**

**(Kind Attention: Shri M.L.Vishnoi, Dy CEE (EM)**

Sub: HQ’s approval for specification work for the work of “BHEL make IGBT based

Traction Converters and Auxiliary Converters fitted in 3-phase locomotives of ELS/KYN for

a period of 3 years through OEM M/s BHEL.”

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HQ’s Technical approval of competent authority for the work “BHEL make IGBT based Traction Converters and Auxiliary Converters fitted in 3-phase locomotives of ELS/KYN for a period of 3 years through OEM M/s BHEL ” has been obtained vide e-office Note No.# 23 dated 14.03.2022.

A proposal and detailed estimate for the said work has been concurred and vetted by Sr.DFM/CSMT vide letter No.BB/AC/FX-I/Prop/37407 dated 28.03.2022 at a total cost of Rs.3,01,78,570.8064 /- (Incl. GST), e-office note no.#30 dated 30.03.2022.

As per concurrence letter, ADRM’s sanction to above proposal in terms of item No.39 (e) Part- A of Model SOP 2018 was obtained vide this office note of even No. dated 04.04.2022 under e-office Note no.# 35 dtd. 13.04.2022 and detailed estimate has been sanctioned by Sr.DEE(TRS) KYN in terms of item No. 2 (C) of Model SOP 2018-Part A (Works Matter) vide this office note of even no. dated 19.04.2022.

Single tender for this work are to be invited.Technical specification No. KYN.R.S.PEX.BHEL.TCAC.CAMC.2022 for the subject work has been prepared based on CLW’s specification No. CLW/AMC/C-D&D/01o.CLW/AMC/C-D&D/03.The same is sent herewith for approval.

It is requested to kindly accord approval to the technical specification No. KYN.R.S.PEX.BHEL.TCAC.CAMC.2022 for subject work to process the same through works contract on Single Tender basis through OEM M/s BHEL at divisional level.

No. ELSKYN/WKS/2022/03/Water Channel Date: 26.05.2022

**CELE/HQ/CR**

**(Kind Attention: Shri M.L.Vishnoi, Dy CEE (EM)**

Sub: HQ’s approval for specification for the work of “Supply & Fitment of water channel for both side loco body on fins of WAG/7 locomotives as per Drg.No.4TACG7A-02, Qty-60 Locos.”

**\*\*\*\***

A proposal and detailed estimate for the said work has been concurred and vetted by Sr.DFM/CSMT vide letter No. BB/AC/FX-I/Prop/37429 dated 04.05.2022, E-office Note No.#6 dated 04.05.2022 (Pg-13-16) at a total cost of Rs. 15,93,000 /- (Inclusive of 18% GST).

As per concurrence letter, Sr.DEE (TRS) KYN’s sanction i) to the proposal for “Supply & Fitment of water channel for both side loco body on fins of WAG/7 locomotives as per Drg.No.4TACG7A-02, Qty-60 Locos.’’in term of item No. 39(b) of Part A of Model SOP 2018 & ii.) the Detailed estimate no.ELS/KYN/2022/02/Water channel dtd. 05.03.2022 amounting to Rs. 15,93,000 /- (Inclusive of 18% GST). in terms of item No.2C of Part A of Model SOP 2018 has been obtained vide this office note of even no dated 11.05.2022.

Open tender for this work is to be invited. Technical specification for the subject work has been prepared based on Drawing.no. 4TACG7A-02 & IS mentioned in drawing.The same is sent herewith for approval.

It is requested to kindly accord approval to the technical specification for subject work to process the same through works contract on open Tender basis at divisional level

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| **मध्य रेल**  वरिष्ठ मंडल विद्युत अभियंता (कचस्टॉक) कार्यालय  विद्युत लोको शेड, कल्याण – ४२१ ३०१-  फोन / फैक्स:- 0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301.  Email :- srdeetrskyncrly@gmail.com |

No. ELS KYN/WKS/MISC Date: 26-05-2022

**CELE/ CSMT**

**(Kind Attention: Shri M.L.Vishnoi, Dy CEE (EM)**

Sub: AMC Contracts at ELS Kalyan

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With reference to above subject, list of AMC contract running at ELS Kalyan are as per Annexure- A attached herewith.

This is your kind information please.

(Niraj Kumar Garg)

Sr.DEE (TRS) Kalyan

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| **मध्य रेल**  वरिष्ठ मंडल विद्युत अभियंता (कचस्टॉक) कार्यालय  विद्युत लोको शेड, कल्याण – ४२१ ३०१-  फोन / फैक्स:- 0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301.  Email :- srdeetrskyncrly@gmail.com |

KYN/RS/T/240/SI Rehab/2011 Date: 23-05-2022

**CELE/ CSMT**

**(Kind Attention: Shri M.L.Vishnoi, Dy CEE (EM)**

Sub: Repair cum Rehabilitation of PCB Cards of S I Unit for AC/DC Electric Locomotives,

Qty – 65 (Increased to 93 Sets)

Ref : (i) HQ’s LOA No. L.253.AC.2012/PCB SI UNIT dated 04.04.2014.

(ii) HQ’s letter No. L.253.AC.2012/PCB SI UNIT dated 12.04.2022

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Vide above reference, physical completion certificate for the contract awarded to M/s Indocen Electronic Systems (Pvt) Ltd, Navi Mumbai – 400 614 in the requisite performa is under:

Entire quantity of 93 sets have been executed at ELS/KYN. The details are as under.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Year of execution | Qty | Total Gross & Net Payment | S D Retained | Date of physical completion | Remarks |
| Dec 2014-Mar 2021 | 93 Sets  (65 + 20 +8) | Gross :  Rs. 3,30,50,903 /-    Net  Rs. 2,97,88,120 /- | Rs. 19,79,704 /- | 30.03.2021 | Last lot of 4 Sets were received on 30.03.2021. Some cards of this lot were commissioned & tested on loco on 10.05.2021 |

It is also confirmed that there is no warranty obligation pending against the subject contract.

(Niraj Kumar Garg)

Sr.DEE (TRS) Kalyan

No. ELSKYN/WKS/2022/01/SS Pipe Date: 21.05.2022

**CELE/HQ/CR**

**(Kind Attention: Shri M.L.Vishnoi, Dy CEE (EM)**

Sub: HQ’s approval for specification for the work of “Provision of Stainless Steel pneumatic piping on new bogies of Electric locomotives at ELS/Kalyan, Qty- 07 Nos. Bogies (WAP/7- 04 Bogies, WAG/7- 03 Bogies)”

**\*\*\*\***

A proposal and detailed estimate for the said work has been concurred and vetted by Sr.DFM/CSMT vide letter No. AC/BB/FX-I/Prop/37490 dated 05.05.2022, E-office Note No.#6 dated 05.05.2022 (Pg-19-21) at a total cost of Rs. 10,40,947.20 inclusive of GST.

As per concurrence letter, Sr.DEE (TRS) KYN’s sanction i) to the proposal for “Provision of Stainless Steel pneumatic piping on new bogies of Electric locomotives at ELS/Kalyan, Qty- 07 Nos. Bogies (WAP/7- 04 Bogies, WAG/7- 03 Bogies)’’ in term of item No. 39(b) of Part A of Model SOP 2018 & ii.) the Detailed estimate no.ELS/KYN/2022/01/SS pipe dtd.28.03.2022 amounting to Rs. 10,40,947.20 (Inclusive GST) in terms of item No.2C of Part A of Model SOP 2018 has been obtained vide this office note of even no dated 11.05.2022.

Open tender for this work is to be invited. Technical specification for the subject work has been prepared based on CLW’s Specifications No. CLW/MS/3/029. The same is sent herewith for approval.

It is requested to kindly accord approval to the technical specification for subject work to process the same through works contract on open Tender basis at divisional level.

No. ELS KYN/WKS/2021/30/CAMC-Siemens Hotel Load Date: 14.05.2022

**CELE/HQ/CR**

**(Kind Attention: Shri M.L.Vishnoi, Dy CEE (EM)**

Sub: HQ’s approval for specification for the work of “Comprehensive Annual Maintenance Contract (CAMC) of M/s Siemens make IGBT based 2 X 500 KVA Hotel Load Converters fitted in WAP-7 locomotives of ELS/KYN for a period of 3 years through OEM M/s Siemens.”

**\*\*\*\***

HQ’s Technical approval of competent authority for the work “Comprehensive Annual Maintenance Contract (CAMC) of M/s Siemens make IGBT based 2 X 500 KVA Hotel Load Converters fitted in WAP-7 locomotives of ELS/KYN for a period of 3 years through OEM M/s Siemens.” has been obtained vide e-office Note No.# 33 dated 07.03.2022.

A proposal and detailed estimate for the said work has been concurred and vetted by Sr.DFM/CSMT vide letter No.BB/AC/FX-I/Prop/37368 dated 28.03.2022 at a total cost of Rs.51,61,447.44 (Incl.18% GST) @ Rs.40,501 /- per loco month, e-office note no.#41 dated 28.03.2022.

As per concurrence letter, ADRM’s sanction to above proposal in terms of item No.39 (e) Part- A of Model SOP 2018 was obtained vide this office note of even No. dated 04.04.2022 under e-office Note no.# 47 dtd. 13.04.2022 and detailed estimate has been sanctioned by Sr.DEE(TRS) KYN in terms of item No. 2 (C) of Model SOP 2018-Part A (Works Matter) vide this office note of even no. dated 19.04.2022.

Single tender for this work are to be invited. Technical specification No. KYN.RS.PEX.SIEMENS.HLC.CAMC.2022 for the subject work has been prepared based on CLW’s Conditions for CMC No.CLW/AMC/C-D&D/03 issued in Feb-2017 with latest amendments and RDSO’s SMI No.RDSO/2016/EL/SMI/0297 (Rev.0) dated 02.09.2016. The same is sent herewith for approval.

It is requested to kindly accord approval to the technical specification No. KYN.RS.PEX.SIEMENS.HLC.CAMC.2022 for subject work to process the same through works contract on Single Tender basis through OEM M/s Siemens at divisional level.

No. ELS KYN/WKS/2021/31/CAMC-Medha Hotel Load Date: 14.05.2022

**CELE/HQ/CR**

**(Kind Attention: Shri M.L.Vishnoi, Dy CEE (EM)**

Sub: HQ’s approval for specification work for the work of “Comprehensive Annual Maintenance Contract (CAMC) of M/s Medha make 2x500 kVA IGBT based Hotel Load Converters fitted in WAP-7 locomotives of ELS/KYN for a period of 3 years through OEM M/s Medha, Qty.5 Locos.”

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HQ’s Technical approval of competent authority for the work “Comprehensive Annual Maintenance Contract (CAMC) of M/s Medha make 2x500 kVA IGBT based Hotel Load Converters fitted in WAP-7 locomotives of ELS/KYN for a period of 3 years through OEM M/s Medha, Qty.5 Locos.” has been obtained vide e-office Note No.# 23 dated 14.03.2022.

A proposal and detailed estimate for the said work has been concurred and vetted by Sr.DFM/CSMT vide letter No.BB/AC/FX-I/Prop/37407 dated 29.03.2022 at a total cost of Rs.83,60,064 /- (Incl. GST), e-office note no.#30 dated 30.03.2022.

As per concurrence letter, ADRM’s sanction to above proposal in terms of item No.39 (e) Part- A of Model SOP 2018 was obtained vide this office note of even No. dated 04.04.2022 under e-office Note no.# 35 dtd. 13.04.2022 and detailed estimate has been sanctioned by Sr.DEE(TRS) KYN in terms of item No. 2 (C) of Model SOP 2018-Part A (Works Matter) vide this office note of even no. dated 19.04.2022.

Single tender for this work are to be invited. Technical specification No. KYN.RS.PEX.MEDHA.HLC.CAMC.2022 for the subject work has been prepared based on CLW’s Conditions for CMC No.CLW/AMC/C-D&D/03 issued in Feb-2017 with latest amendments and RDSO’s SMI No.RDSO/2016/EL/SMI/0297 (Rev.0) dated 02.09.2016. The same is sent herewith for approval.

It is requested to kindly accord approval to the technical specification No. KYN.RS.PEX.MEDHA.HLC.CAMC.2022 for subject work to process the same through works contract on Single Tender basis through OEM M/s Siemens at divisional level.

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| **मध्य रेल**  वरिष्ठ मंडल विद्युत अभियंता (कचस्टॉक) कार्यालय  विद्युत लोको शेड, कल्याण – ४२१ ३०१-  फोन / फैक्स:- 0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301.  Email :- srdeetrskyncrly@gmail.com |

KYN/RS/T/240/SI Rehab/2011 Date: 30-04-2022

**CELE/ CSMT**

**(Kind Attention: Shri M.L.Vishnoi, Dy CEE (EM)**

Sub: Repair cum Rehabilitation of PCB Cards of S I Unit for AC/DC Electric

Locomotives, Qty – 65 (Increased to 93 Sets)

Ref : (i) HQ’s LOA No. L.253.AC.2012/PCB SI UNIT dated 04.04.2014.

(ii) HQ’s letter No. L.253.AC.2012/PCB SI UNIT dated 12.04.2022

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Vide above reference, physical completion certificate for the contract awarded to M/s Indocen Electronic Systems (Pvt) Ltd, Navi Mumbai – 400 614 in the requisite performa is under:

Entire quantity of 93 sets have been executed at ELS/KYN. The details are as under.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Year of execution | Qty | Total Gross & Net Payment | S D Retained | Date of physical completion | Remarks |
| Dec 2014-Mar 2021 | 93 Sets  (65 + 20 +8) | Gross :  Rs 3,30,50,902.40  Net  Rs 2,97,88,120.00 | Rs 16,52,550/- | 30.03.2021 | Last lot of 4 Sets. was received on 30-03-2021. Some cards of this lot were commissioned & tested on loco on 10.05.2021 |

(Niraj Kumar Garg)

Sr.DEE(TRS) Kalyan

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| --- | --- | --- |
| **मध्य रेल**  वरिष्ठ मंडल विद्युत अभियंता (कचस्टॉक) कार्यालय  विद्युत लोको शेड, कल्याण – ४२१ ३०१-  फोन / फैक्स:- 0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301.  Email :- srdeetrskyncrly@gmail.com |

No. ELS KYN/WKS/MISC Date: 26/04/2022

CELE/HQ/CR

**(Kind Attention: Shri M.L.Vishnoi, Dy CEE (EM)**

Sub: Examination of works by CTE/CVC- Submission of quarterly works progress

report

Ref : (i) HQ’s letter No.L.253.AC.CVC dated 21.04.2022

(ii) Dy CVO (Elect) CSMT’s letter No.G.130/CTE/QPR/V.Con

Dtd 21.04.2022

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With reference to above correspondence, required information pertaining to ELS/KYN for the works contracts costing upto Rs 1 Cr and above Rs 1 Cr separately in prescribed proforma are enclosed herewith as Annexure A and B respectively.

(Sanjesh)

DEE(TRS) Kalyan

For Sr.DEE(TRS) KYN

No. ELS KYN/WKS/2021/31/CAMC-Medha Hotel Load Date: 16/02/2022

CELE/HQ/CR

**(Kind Attention: Shri M.L.Vishnoi, Dy CEE (EM)**

Sub: Technical approval for the work of “Comprehensive Annual Maintenance Contract

of M/s Medha make IGBT based Hotel Load Converters fitted in WAP-7 locomotives

of ELS/KYN for a period of 3 years through OEM M/s Medha.

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Initially a proposal for CAMC of 3 Nos. of Mehda make IGBT based 2 x 500 KVA Hotel Load Converter of WAP-7 Locos for 3 years was processed for accounts concurrence.

Sr.DEE(TRS)KYN has accorded approval to this proposal vide office note dated 05-08-2021.(Pg-)

Vide e office Note No.#8 dated 12-10-2021, ADRM (OP)/Mum/CR has accorded administrative approval for subject CAMC on single tender basis through OEM or authorized dealer of OEM under item No. 39 (e) of Part A- Model SOP 2018.

Sr.DFM/ CSMT under e-offce Note No.# 15 dtd 08-11-2021, vide letter No. BB/AC/FX/ I/Prop/36498 dated 25-10-2021 has reaised some queries, which will be replied by this office. However vide observation No.2 of this letter, Sr.DFM/ CSMT stated that “It is seen that the work being executed for the first time in this railway, technical approval of the competent authority of Hqrs needs to be obtained”.

In the mean time 2 more locos fitted with Medha make Hotel Load Converters, transferred from ELS/AQ have been received at ELS/KYN. These are also to be included in said proposal at this stage. Hence quantity has been revised from 3 Nos. to 5 Nos.

Population of WAP-7 Locos equipped with Medha make IGBT based 2 x 500 KVA Hotel Load Converter is 19 Locos at Electric Loco Shed, Kalyan. Out of these five locos have become out of warranty as on date and also not covered in any AMC. Balance 14 locos are presently under warranty period and further covered under AMC in CLW’s PO. Warrany details of all 19 locos equipped with Medha make Hotel Load Converters is given in Annexure (1).

Estimated cost of CAMC of 5 Nos. Medha make IGBT based 2x500 KVA hotel load converter for 3 years works out to Rs.83,60,064/- (inclusive of 18% GST) based on Sr.DEE/ ELS/BRC’s LOA No.BRC-ELOCO-SHED-ELECTICAL / EL TRS BRC 2122 HOTELLOADS/ 00987030044125 dated 29.10.2021.

Sr.DEE(TRS)KYN has accorded approval to this revised proposal vide office note dated 20.01.2022.

As per Railway Board letter No.2005/Elect(TRS)/480/2 Pt.VI, dated 02.06.2015, maintenance of specialized assemblies such as Traction Propulsion System (TPS) including their sub-assemblies could be under AMC, if AMC for maintaining such items is considered inescapable and can’t be maintained in house due to their specialized nature.

It is therefore requested to kindly accord technical approval of competent authority as sought by Sr.DFM/CSMT to the proposal for “Comprehensive Annual Maintenance Contract of 5 Nos. of M/s Medha make IGBT based 2 X 500 KVA Hotel Load Converters fitted in WAP-7 locomotives of ELS/KYN for a period of 3 years through OEM M/s Medha or their authorized dealers”.

No. ELS KYN/WKS/2021/16/CAMC-TC BHEL Date: 16/02/2022

CELE/HQ/CR

**(Kind Attention: Shri M.L.Vishnoi, Dy CEE (EM)**

Sub: Technical approval for the work of “Comprehensive Annual Maintenance Contract

of BHEL make IGBT based Traction Converters and Auxiliary Converters fitted

in 3 phase locomotives of Electric Loco Shed, Kalyan for a period of 3 years

through OEM M/s BHEL.

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Intially a proposal for CAMC of BHEL make 4 Nos. Traction Converters in 1st year, 9 Nos. Traction Converters in 2nd & 3rd year alongwith 4 Nos. Auxiliary Converters in 1st year, 11 Nos. Auxiliary Converters in 2nd & 3rd year was processed for accounts concurrence.

Sr.DEE(TRS)KYN has accorded approval to this proposal vide office note dated 26-07-2021.(Pg-)

Vide e office Note No.#9 dated 05-08-2021, ADRM (OP)/Mum/CR has accorded administrative approval for subject CAMC on single tender basis through OEM or authorized dealer of OEM under item No. 39 (e) of Part A- Model SOP 2018.

Sr.DFM/ CSMT under Note No.# 15 dtd 10-08-2021, vide letter No. BB/AC/FX/I/Prop/36058 dated 10.08.2021 has reaised queries, which will be replied by this office. However, vide observation No.1 of this letter, Sr.DFM/ CSMT stated that “CAMC of IGBT based Traction Converters and Auxiliary Converters being a first time activity which will require HQ’s technical approval from competent authority”.

In the mean time more locos fitted with BHEL make Traction Converters & Auxiliary Converts have been received at ELS/KYN. These are also to be included in said proposal at this stage.

Population of 3 phase Locos equipped with BHEL make traction converters is 48 Locos at Electric Loco Shed, Kalyan. Out of these, 9 locos are out of warranty during the year 2022-23 which are not covered in any AMC. 4 more locos will be out of warranty in the year 2023-24 and 19 more locos will be out of warranty in year 2024-25, but these locos are covered under CAMC by CLW/BLW/DMW as per PO. Hence only 09 Locos CAMC is proposed for three years.

Similarly out of 53 locos equipped with BHEL make Auxiliary Converters, presently 13 locos are out of warranty during the year 2022-23. Out of this one loco is covered under CAMC through ELS/AQ till Aug 2024, this will be taken under CAMC in the year 2024-25 after expriry of existing CAMC. Other locos are becoming out of warranty in next three years, are covered under CAMC by CLW/BLW/DMW as per PO. Hence CAMC of Auxiliry Converters of 12 is proposed in the year 2022-23, 2023-24 and 13 locos for 2024-25.

Warrany details of 48 locos equipped with BHEL make Traction Convetres and 53 locos equipped with BHEL make Auxiliary Convetres is shown in Annexure 1 & Annexure 2 respectively.

Estimated cost of CAMC of 9 loco’s BHEL make Traction Converters for 3 years and 12 loco’s auxiliary converters for 2 years and 13 loco’s auxiliary converters for one year works out to Rs 3,01,78,570.80 (inclusive of 18% GST) based on Sr.DEE/RS/RPM/S.R.’s LOA No. ELS-RPM-ELECTICAL/M-RS-RPM-29-ST-20-21-1/ 00033440026236 dated 27-09-2020.

Sr.DEE(TRS)KYN has accorded approval to this revised proposal vide office note dated 20-01-2022.

As per Railway Board letter No.2005/Elect.(TRS)/480/2 Pt.VI, dated 02.06.2015, maintenance of specialized assemblies such as Traction Propulsion System (TPS) including their sub-assemblies could be under AMC, if AMC for maintaining such items is considered inescapable and can’t be maintained in house due to their specialized nature.

It is therefore requested to kindly accord technical approval of competent authority as sought by Sr.DFM/CSMT to the proposal for “Comprehensive Annual Maintenance Contract of BHEL make Traction Converters of 9 Locos for a period of 3 years and BHEL make auxiliary converters of 12 locos for 2 years and 13 locos for 1 year” through OEM viz M/s BHEL or their authorized dealers”.

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| **मध्य रेल**  वरिष्ठ मंडल विद्युत अभियंता (कचस्टॉक) कार्यालय  विद्युत लोको शेड, कल्याण – ४२१ ३०१-  फोन / फैक्स:- 0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301.  Email :- srdeetrskyncrly@gmail.com |

No.ELSKYN/WKS/HQ Date: 24-01-2022

**CELE/ CSMT**

**(Kind Attention: Shri M.L.Vishnoi, Dy CEE (EM)**

Sub: Information on Tenders cases of Rs.1 Crore and above of (Work & Service) where L-1 has withdrawn his offer during 2019, 2020, 2021 & 2022.

Ref: Your office letter no.L.253.AC.CVC dated 24.01.2022

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With reference to above, desired information pertaining to ELS/KYN in prescribed format is as under:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Sr. No. | Year (Jan Dec) | Total No. of Tender Cases (Only Fig. to be given) | | No of Tender in which L-1 has withdrawn his offer (After opening of tender irrespective of finalization during 2019, 2020, 2021 & 2022 | |
|  |  | **Works** | **Service** | **Works** | **Service** |
| 1 | 2019 | 20 | Nil | Nil | Nil |
| 2 | 2020 | 11 | 1 | Nil | Nil |
| 3 | 2021 | 7 | Nil | Nil | Nil |
| 4 | 2022 till date | 3 | Nil | Nil | Nil |

**(Mohan Choudhary)**

For. Sr.**DEE(TRS) Kalyan**

ELSKYN/WKS/2020/20/Up keeping Date: 22.01.2022

CELE/ CSMT

**(Kind Attention: Shri M.L.Vishnoi, Dy CEE (EM)**

Sub: HQ’s approval for definition of similar work for “Maintenance and up-keeping of Electric Loco shed, Kalyan including SMM/ELS/ Kalyan and Trip Sheds at CSMT, VVH, IGP & LNL for a period of two years.

**\*\*\*\***

A proposal and detailed estimate for “Maintenance and up-keeping of Electric Loco shed, Kalyan including SMM/ELS/ Kalyan and Trip Sheds at CSMT, VVH, IGP & LNL for a period of two years” at a total cost of Rs 2,49,22,658.68 has been concurred and sanctioned.

Open tenders for this work are to be invited through GeM portal.

In previous tenders, this shed is adopting definition of similar work for subject work duly approved by HQ vide letter No.L/253.AC/Div-Work dated 30-03-2012 which is as under:

“Cleaning and up-keeping of Electric/ Diesel Loco Shed/ Work Shop or EMU Car Shed/ Workshop or Coaching Depot/ Workshop comprising of general shop floor cleaning with manual/ mechanized means.”

It is observed that definition of similar work recently adopted by other sheds i.e. Sanpada Car Shed, Kurla Car Shed are very broad in nature. Based on these recent similar definition of work for above work, following definition of similar work is proposed:

**Mechanized cleaning of coaches in any of the coaching depot of Indian Railway**

**OR/AND**

**Mechanized en-route cleaning of trains during their stoppage under the “Clean Train Station” scheme**

**OR/AND**

**Providing On-board house-keeping service on trains**

**OR/AND**

**Mechanized cleaning of stations in Indian Railways**

**OR/AND**

**Mechanized cleaning activity carried out in public listed company/ private company/ trusts having annual turnover of Rs.500 Crore and above subject to the credentials being issued from their Head Office by a person of the company duly endorsing his authorization by the management for issuing such credentials**

**OR/AND**

**Mechanized cleaning activity carried out in Airports, Metro-rail systems, Central/ State Government establishments, Central / State Government PSUs.**

Above definition is approved by PCME vide Dy CEE/EMU‘s letter No.L.531.P.42.Similar dated 08-05-2021 for “Day to day cleaning and up-keeping work of Sanpada Car Shed.

It is therefore requested to kindly accord competent authority’s approval for Definition of similar work so that tendering procedure of subject mentioned work may be initiated.

**(Hemant Jindal)**

Sr.**DEE(TRS) Kalyan**

No. ELS KYN/WKS/2021/30/CAMC-Siemens Hotel Load Date: 04/01/2022

CELE/HQ/CR

**(Kind Attention: Shri M.L.Vishnoi, Dy CEE (EM)**

Sub: Technical approval for the work of “Comprehensive Annual Maintenance Contract

of M/s Siemens make IGBT based 2 X 500 KVA Hotel Load Converters fitted in

WAP-7 locomotives of ELS/KYN for a period of 3 years through OEM M/s Siemens

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Population of WAP/7 Locos equipped with Siemens make IGBT based 2 x 500 KVA Hotel Load Converter is 38 Nos. at Electric Loco Shed, Kalyan. Out of these only three locos have become out of warranty as on date. Warranty period of balance hotel load converters is expiring after three years.

Thus a proposal for CAMC of 3 Nos. of Siemens make IGBT based 2 x 500 KVA Hotel Load Converter for 3 years was processed for accounts concurrence.

Sr.DEE(TRS)KYN has accorded approval to this proposal vide office note dated 05-08-2021.(Pg-)

Vide e office Note No.#9 dated 12-10-2021, ADRM (OP)/Mum/CR has accorded administrative approval for subject CAMC on single tender basis through OEM or authorized dealer of OEM under item No. 39 (e) of Part A- Model SOP 2018.

Detailed Estimate No. ELSKYN/WKS/2021/17 dated 19.08.2021 for the subject work at a total cost of Rs.51,61,447.44 inclusive of 18% GST based on Sr.DEE (TRS) Santragachi’s LOA No.ELS-SRC-ELECTRICAL/TRS-SRC-AMCSIMHL-21-232/00857060036285 dated 01.06.2021 is under accounts vetting.

Sr.DFM/ CSMT under Note No.# 22 dtd 27-12-2021, vide letter No. BB/AC/FX/I/Prop/36807 dated 15-12-2021 stated that “If the proposed CAMC being a first time activity on Central Railway and Hotel Load Converters are highly technical equipment require expertise for maintenance, this will require HQ’s technical approval from competent authority”.

As per Railway Board letter No.2005/Elect.(TRS)/480/2 Pt.VI, dated 02.06.2015, maintenance of specialized assemblies such as Traction Propulsion System (TPS) including their sub-assemblies could be under AMC, if AMC for maintaining such items is considered inescapable and can’t be maintained in house due to their specialized nature. It is certified that maintenance of 2 X 500 KVA Hotel Load Converters is specialized in nature and ELS KYN is not having facilities and technical expertise to maintain these converters.

It is therefore requested to kindly accord technical approval of competent authority as sought by Sr.DFM/CSMT to the proposal for ““Comprehensive Annual Maintenance Contract of M/s Siemens make IGBT based 2 X 500 KVA Hotel Load Converters fitted in WAP-7 locomotives of ELS/KYN for a period of 3 years through OEM M/s Siemens or their authorized dealers”.

No. ELSKYN/WKS/2021/14/PU Conventional Date: 03-01-2022

**CELE/ CSMT**

**(Kind Attention: Shri M.L.Vishnoi, Dy CEE (EM)**

Sub : HQ’s approval for technical specification for the work of “P U Painting of earlier PU

Painted conventional locomotives of WCAM/3, WCM/6, WCAM-2P, WCAG/1,

WAG/7 types at Electric Loco Shed Kalyan, Qty- 93 Locos.

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A proposal and detailed estimate for “P U Painting of earlier PU Painted conventional locomotives of WCAM/3, WCM/6, WCAM-2P, WCAG/1, WAG/7 types at Electric Loco Shed Kalyan, Qty- 93 Locos.” has been concurred and vetted by Sr.DFM/CSMT vide letter No.BB/AC/FX-I/Prop/35535 dated 20.05.2021 at a total cost of Rs.46,48,980/- all inclusive under e-Office Note No.5 dated 20-05-2021.

The estimate has been sanctioned by Sr.DEE(TRS) KYN i.e. JAG Officer in terms of item No. 2 (C) of Part A Model SOP 2018 as concurred by A/cs vide this office note of even No. dated 25-05-2021. (Pg- )

Open tender for subject work was invited and opened on 08-07-2021 with the technical specification which was approved by HQ vide letter No.L.263.AC/DIV-Work dated 06-12-2013. In this tender total 28 bidders have submitted their offer. This tender has been discharged on administration ground as of late it is apparent that some alterations in special condition/ scope of work are required to be made to improve the quality of work and availability of loco.

Hence following revisions are made in specification:

The individual loco wise completion period which is 10 calendar days from the date of handing over the locomotive, shall be reduced to 08 calendar days from the date of handing over the locomotive to improve ineffectiveness of locomotives.

Initial inspection, stage inspection and final inspection of PU paining adopted as per Proforma at ELS/ BSL which are more descriptive.

Further as per scope of work, material shall be procured from RDSO/CLW approved sources only. To avoid the complications due to non availability of materials from approved sources after placement of LOA, a condition that “The bidder shall submit a letter of consent from RDSO/CLW’s approved sources that required material will be supplied to them during complete contract period” is incorporated in technical specification and a proforma is also given for the same.

It is therefore requested to kindly accord approval to revised Technical Specifciation for subject mentioned work.

No. ELSKYN/WKS/2021/26/CCB Date: 07.12.2021

CELE/ CSMT

**(Kind Attention: Shri M.L.Vishnoi, Dy CEE (EM)**

Sub: HQ’s approval for technical specification for “Overhauling of CCB-2 Brake System of M/s Knorr-Bremse make in 3-Phase electric locomotives”.

**\*\*\*\***

A proposal and detailed estimate for “Overhauling of CCB-2 Brake System of M/s Knorr-Bremse make in 3-Phase electric locomotives on single tender basis with OEM.” has been concurred and vetted by Sr.DFM/CSMT vide letter No. BB/AC/FX-I/Prop/36081 dated 20.08.2021 at a total cost of Rs.92,51,076.10 (Incl GST).

As per concurrence letter, ADRM/BB’s sanction to the above proposal in terms of item No. 39 (c) of Part-A Works matter of Model SOP-2018 on single tender basis with OEM has been obtained vide this office note of even no. dated 25.08.2021 (E-office Note No.#25 dated 03.09.2021).

Single tender for this work is to be invited. Technical specification for the subject work has been prepared based on ELS Tughlakabad WCR’s Tender technical specification. The same is sent herewith for approval.

Now technical specification for the above work i.e. “Overhauling of CCB-2 Brake System of M/s Knorr-Bremse make in 3-Phase electric locomotives.” prepared based on the ELS Tughlakabad WCR’s Tender technical specification is sent herewith for kind approval please.

No.ELSKYN/WKS/2020/03/AMC Cummins Engine Date: 03/12/2021

CELE/HQ/CR

Sub: Technical approval for the work of “Annual maintenance Contract for 02 Nos.

engines of Cummins make and 02 Nos. of Diesel Generator sets of HS-SPART

KYN for the period of three years” on single tender basis with OEM or authorised

dealer of OEM.

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Sr.DFM/ CSMT under Note # 34 dtd 23-07-2021, vide letter No. BB/AC/FX/I/Prop/35461 dated 09-05-2021 has accorded fresh concurrence to the proposal for AMC (Comprehensive) of Cumins make 02 Nos. Diesel Engines Model NTA 14 R and 02 Nos. of Diesel Generator Set Model QSB 5.9 of HS –SPART for three years at ELS/KYN” in terms of iterm No.31 (G) Part A of Model SOP-2018 as the equipment realte to disaster management.

Vide above letter detailed estimate also vetted by Sr.DFM/CSMT at a total cost of Rs 32,22,329.59 inclusive of GST which is based on the budgetary quotation of M/s Trident Services Pvt.Ltd, Pune authorized delear of M/s Cummins

Vide Note No.’c’ of of above concurrence letter, Sr.DFM/CSMT stated that “Technical approval of competent authority to be obtained, as per the instructions contained in item No.7 preface to USSOR 2011.

Efforts have been made to get HQ’s approval for similar work in any other division as mentioned in item No. 7 preface to USSOR 2011, but no such approval is available in any division.

02 Nos. traction diesel engines and 02 Nos. 125 KVA DG Set of Cummins make provided in HS-SPART maintained at ELS/KYN are sophisticated equipment which can not be maintained departmentally in absence of expertise manpower and required spares/tools. Also HS-SPART is a critical vehicle and its requirement is mainly for faster intial response and providing quickest possible medical attention, rescue and restoration. HS-SPART is used in most adverse circumstances where time and reliability are absolute must. This has to be of utmost reliability for its quick movement towards the site for the relief and rescue operation of entrapped passengers in accident involved coaches. Hence the failure of this unit is undesirable. In order to avoid such situation, it is essential that SPART shall be kept in good fettle all the time. Hence entering into AMC for Cummins engines which are vital parts of HS-SPART with OEM or their authorized dealers is inescapable and desirable.

DRM vide item No. 5.21 of inspection note No.BB.DRM.Inspection dated 13-07-2020 (Pg-18) has also directed that all SPART equipment need to be covered in AMC/CAMC with OEM.

Vide e office Note#4 dated 16-12-2020, ADRM (OP)/Mum/CR has accorded administrative approval for subject AMC on single tender basis through OEM or authorized dealer of OEM.

It is therefore requested to kindly accord technical approval of competent authority as sought by Sr.DFM/CSMT so that DRM’s sanction can be obtained in terms of iterm No.31 (G) Part A of Model SOP-2018 to process this case on single tender basis through OEM or their authorizes dealers.

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| मध्य रेल  वरिष्ठ मंडल विद्युत अभियंता (कचस्टॉक) कार्यालय  विद्युत लोको शेड, कल्याण – ४२१ ३०१-  फोन / फैक्स:- 0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301.  Email:- [srdeetrskyncrly@bb.railnet.gov.in](mailto:srdeetrskyncrly@bb.railnet.gov.in) |

No. ELSKYN/WKS/2021/14/PU Conventional Date: 16-09-2021

**CELE/ CSMT**

**(Kind Attention: Shri M.L.Vishnoi, Dy CEE (EM)**

Sub : HQ’s approval for technical specification for the work of “P U Painting of earlier PU

Painted conventional locomotives of WCAM/3, WCM/6, WCAM-2P, WCAG/1,

WAG/7 types at Electric Loco Shed Kalyan, Qty- 93 Locos.

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A proposal and detailed estimate for ““P U Painting of earlier PU Painted conventional locomotives of WCAM/3, WCM/6, WCAM-2P, WCAG/1, WAG/7 types at Electric Loco Shed Kalyan, Qty- 93 Locos.” has been concurred and vetted by Sr.DFM/CSMT vide letter No.BB/AC/FX-I/Prop/35535 dated 20.05.2021 at a total cost of Rs.46,48,980/- all inclusive under e-Office Note No.5 dated 20-05-2021.

The estimate has been sanctioned by Sr.DEE(TRS) KYN i.e. JAG Officer in terms of item No. 2 (C) of Part A Model SOP 2018 as concurred by A/cs vide this office note of even No. dated 25-05-2021. (Pg- )

Open tender for subject work was invited and opened on 08-07-2021 with the technical specification which was approved by HQ vide letter No.L.263.AC/DIV-Work dated 06-12-2013. In this tender total 28 bidders have submitted their offer. This tender has been discharged on administration ground as of late it is apparent that some alterations in special condition/ scope of work are required to be made to improve the quality of work and availability of loco.

Hence following revisions are made in specification:

The individual loco wise completion period which is 10 calendar days from the date of handing over the locomotive, shall be reduced to 08 calendar days from the date of handing over the locomotive to improve ineffectiveness of locomotives.

Initial inspection, stage inspection and final inspection of PU paining is adopted as per Proforma at ELS/ BSL which is more descriptive.

Further as per scope of work, material shall be procured from RDSO/CLW approved sources only. To avoid the complications due to non availability of materials from approved sources after placement of LOA, a condition that “ The bidder shall submit a letter of consent from RDSO/CLW’s approved sources that required material will be supplied to them during complete contract period”. is incorporated in technical specification.

It is therefore requested to kindly accord approval to revised Technical Specifciation for subject mentioned work.

**(Hemant Jindal)**

**Sr.DEE(TRS) Kalyan**

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| **मध्य रेल**  वरिष्ठ मंडल विद्युत अभियंता (कचस्टॉक) कार्यालय  विद्युत लोको शेड, कल्याण – ४२१ ३०१-  फोन / फैक्स:- 0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301.  Email :- srdeetrskyncrly@gmail.com |

No.ELSKYN/WKS/HQ Date: 06-08-2021

**CELE/ CSMT**

**(Kind Attention: Shri M.L.Vishnoi, Dy CEE (EM)**

Sub: Details of information about category wise (SC/ST/OBC/EWS/PWD/UR) empolyees recruited on contract basis.

Ref: (i) APO (EL/S&T) & (RP) CSMT’s letter No. P/CR/HQ/RP/601 dtd 05-08-2021 (ii) Railway Board’s letter No.E (NG) II/2021/RC-4/Misc./10 dated 05-08-2021

**\*\*\*\***

With reference to above it is stated that no employees are recruited on contract basis at shed level, hence desired information pertaining to ELS/KYN is **NIL** for all three years i.e. 2018-19, 2019-20 and 2020-21.

**(Hemant Jindal)**

Sr.**DEE(TRS) Kalyan**

No. ELSKYN/WKS/2021/02/Cab AC Date: 28.06.2021

CELE/ CSMT

**(Kind Attention: Shri M.L.Vishnoi, Dy CEE (EM)**

Sub: HQ’s approval for specification and for definition of similar work for “Annual Maintenance Contract of 98 Nos. roof mounted Cab air conditioner units (49 Locos) of Electric Locomotives at Electric Loco Shed, Kalyan including replacement of spares for a period of 3 years..

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A proposal and detailed estimate for “Annual Maintenance Contract of 98 Nos. roof mounted Cab air conditioner units (49 Locos) of Electric Locomotives at Electric Loco Shed, Kalyan including replacement of spares for a period of 3 years.” has been concurred and vetted by Sr.DFM/CSMT vide letter No.BB/AC/FX-I/Prop/35547 dated 10.06.2021 at a total cost of Rs.1,04,50,242.84 (Copy Enclosed). Sr.DFM/BB in the concurrence letter under note no.13 stated to obtain necessary approval from PCEE before further processing the proposal.

This proposal was processed as per Railway Board Letter No.E(MPP)2019/1/12 dated 30.09.2019. This letter is in connection with revision of yardsticks, states about activities to be outsourced. In this letter for three phase locomotives, some activities like compressor overhauling, TM overhauling and overhauling of Auxiliary Motors are identified and it is stated that further activities to be outsourced can be identified by respective loco sheds and followed accordingly with the approval of PCEE on local need basis and local conditions.

As per concurrence letter, ADRM’s sanction to above proposal in terms of item No.39 (d) Part- A of Model SOP 2018 was obtained vide this office note of even No. dated 14.06.2021 and detailed estimate has been sanctioned by Sr.DEE(TRS) KYN i.e. JAG Officer in terms of item No. item No. 2 (C) of Model SOP 2018-Part A (Works Matter) vide this office note of even no. dated 19.06.2021.

Open tenders for this work are to be invited. Technical specification for the subject work has been prepared based on ELS Vadodara WR Tender technical specification. The same is sent herewith for approval.

As the cost of said work is more than Rs 50 lakh, minimum eligibility criteria will be applicable for which definition of similar work is proposed to be as under which is based on PCEE WR office letter no.EL-91/L/1/Works dated 09.03.2020:

**“**Manufacturing, Supply, Erection, Testing and Commissioning of Roof Mounted Package Units (RMPUs) along with its control panel of AC coaches/Electric Loco/Diesel Loco/EMU/Metro Coaches”

Or

“Annual Maintenance Contract/Comprehensive Maintenance Contract Repairing/Servicing/Rehabilitation of RMPUs along with its control panel of AC coaches/Electric Loco/Diesel Loco/EMU/Metro Coaches running over Indian Railways.

It is therefore requested to kindly accord PCEE’s approval for outsourcing this activity as per Railway Board Letter No.E(MPP)2019/1/12 dated 30.09.2019 and competent authorities approval for Definition of similar work and Technical Specification/scope of work so that open tenders can be invited for subject work.

**(Hemant Jindal)**

Sr.**DEE(TRS) Kalyan**

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| **मध्य रेल**  वरिष्ठ मंडल विद्युत अभियंता (कचस्टॉक) कार्यालय  विद्युत लोको शेड, कल्याण – ४२१ ३०१-  फोन / फैक्स:- 0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301.  Email :- srdeetrskyncrly@gmail.com |

No.ELSKYN/WKS/Policy Date: 10-03-2021

**CELE/ CSMT**

**(Kind Attention: Shri M.L.Vishnoi, Dy CEE (EM)**

Sub: Incorporation of Eligibility Criteira for award of work contracts to undertake

repairs/ rehabilitation of equipment of electric locomotives at divisional level

Ref : Railway Board’s letter No. 2019/Elect (G)/165/1 dated 22-04-2020.

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Railway Board vide above referred letter have issued guidelines regarding exemptions to OEM, RDSO approved sources in respect of technical/ financial eligibility criteria for rpair/ rehabilitation/ Up-gradation/ Modification of Electric Locomotives, EMUs/ MEMUs, Non LHB and LHB Coach items including Power cars and equipments/ sub assemblies. (Copy enclosed) This exemption is also extednded to PUs approved sources for various safety/ vital items which were transferred to PUs vide Borad’s letter No.2001/RS(G)/779 dated 07.12.2016.

Most of the tenders to be undertaken at ELS/KYN are either from OEM or RDSO/CLW’s approved sources.

It is requested to kindly accord approval for incorporation of Railway Board’s said conditions in respect of technical/ financial eligibility criteria for repair/ rehabilitation/ Up-gradation/ Modification of Electric Locomotives and also for AMC in the tenders to be invited at ELS/KYN at divisional level.

(Hemant Jindal)

Sr.DEE(TRS) Kalyan

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| **मध्य रेल**  वरिष्ठ मंडल विद्युत अभियंता (कचस्टॉक) कार्यालय  विद्युत लोको शेड, कल्याण – ४२१ ३०१-  फोन / फैक्स:- 0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301.  Email :- srdeetrskyncrly@gmail.com |

No.ELSKYB/WKS/2017/10/AMC/SIV/AAL Date: 02-01-2021

**CELE/ CSMT**

**(Kind Attention: Shri M.L.Vishnoi, Dy CEE (EM) CSMT)**

Sub: LOA No.L.253.AC/AMC/AAL-SIV dated 07-08-2018 for Comprehensive

Annual Maintenance Contract (AMC) of AAL make 180 KVA Static Inverter

(SIV) fitted in conventional locomotives of various electric loco sheds of Central

Railway (i.e. ELS KYN, BSL & Ajni) for three years.

Ref : This office letter of even No. dated 05-12-2019

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Vide this office letter referred above, it was confirmed that subject mentioned AMC is in progress for 07 locomotives equipped with AAL make SIV pertaining to ELS/KYN.

Later, one AAL make SIV has been fitted in ELS/KYN based loco No.27102 during POH at ELW/BSL. Previously this SIV was commissioned on 19-05-2011 in Ajni based locomotive and refitted in ELS/KYN based Loco No.27102 during POH. Thus out of warranty AAL make SIV provided in Loco No. 27102, is not covered in AMC presently.

It is therefore requested to cover following SIV by increasing the quantity of subject contract.

1) SIV Sr.No.- OB180-1102 042 provided on Loco No. 27102.

This has approval of Sr.DEE(TRS)KYN vide office note dated 24-12-2020.

(Mohan Choudhary)

DEE(TRS) Kalyan

For Sr.DEE(TRS)KYN

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No. ELSKYN/WKS/2020/21/MEDHA/AMC-SlV Date: 30.11.2020

**CELE/ CSMT**

**(Kind Attention : Shri G C Solanki, Dy CEE (EM)**

Sub: Renewal of Comprehensive Annual Maintenance contract (AMC) of

Medha-make Static lnverter (SlV) fitted in conventional locomotives as

per RDSO's SMI No. RDSO/216/EL/SM|/0291 (Rev 0) for a period

of 3 years at Electric Loco Shed,Kalyan

Ref: (i) HQ’s letter No.L.253.AC/AMC dated 23-07-2020

(ii) This office’ s LOA No.ELSKYN/WKS/2016/25/AMC-SIV dated

21-03-2020

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ELS/KYN had placed consolidated AMC for the above work for ELS/KYN, BSL and AQ, being nominated shed for Medha make SIV in terms of HQ’s letter mentioned at ref (i).

This AMC was for 25 Nos. SIVs for 3 years at a total cost of Rs 1,32,75,000/- (including 18% GST) containing quantity of ELS/KYN- 8 Nos., ELS/BSL-11 Nos. and ELS/AQ- 6 Nos. This AMC is in progress at ELS/KYN, BSL and AQ through M/s Medha Servo Drives PVt. Ltd, Hydrabad and expiring on 20-03-2021 as per LOA.

Proposal/ Tender for renewal of above AMC of following 8 Nos. of Medha make SIV pertaining to ELS/KYN is under process of concurrence/ sanction.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| S.No. | Loco No. | SIV Sr. No. | DOC | Warranty/AMC status | Warranty/ AMC expiry date |
| 1 | 27254 | 1278 | 30-03-2015 | Under AMC | 20-03-2021 |
| 2 | 27257 | 1280 | 21-01-2015 | Under AMC | 20-03-2021 |
| 3 | 27260 | 1295 | 17-09-2015 | Under AMC | 20-03-2021 |
| 4 | 27265 | 1299 | 04-06-2015 | Under AMC | 20-03-2021 |
| 5 | 27277 | 1298 | 11-07-2015 | Under AMC | 20-03-2021 |
| 6 | 27287 | 1296 | 07-08-2015 | Under AMC | 20-03-2021 |
| 7 | 28556 | 1176 | 15-04-2013 | Under AMC | 20-03-2021 |
| 8 | 28557 | 1198 | 25-04-2013 | Under AMC | 20-03-2021 |

This is for your kind information please.

**(Hemant Jindal)**

**Sr.DEE(TRS) Kalyan**

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| **मध्यरेल**  वरिष्ठमंडलविद्युतअभियंता (कचस्टॉक) कार्यालय  विद्युतलोकोशेड, कल्याण–४२१३०१-  फोन / फैक्स:- 0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301.  Email :- [srdeetrskyncrly@gmail.cox](mailto:srdeetrskyncrly@gmail.cox)m |

**Sr.DEE/TRS/ BSL, AJNI**

Sub: Renewal of Comprehensive Annual Maintenance contract (AMC) of

Medha-make Static lnverter (SlV) fitted in conventional locomotives as

per RDSO's SMI No. RDSO/216/EL/SM|/0291 (Rev 0) for a period

of 3 years at Electric Loco Shed,Kalyan, Ajni and Bhusaval.

Ref: (i) HQ’s letter No.L.253.AC/AMC dated 23-07-2020

(ii) This office’ s LOA No.ELSKYN/WKS/2016/25/AMC-SIV dated

21-03-2020

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ELS/KYN had placed AMC for the above work being nominated shed for Medha make SIV in terms of HQ’s letter mentioned at ref (i). This AMC is expiring on 20-03-2021 as per LOA.

To continue the above AMC for further 3 years, proposal for renewal of above AMC of Medha make SIV is to be processed.

You are therefore requested to submit sanctioned estimate/ proposal for further AMC of 3 years covering following details:

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Sr.No. | Loco No. | SIV No. | D.O.C. | Under Warranty/ Out of Warranty | Date from which out of warranty | Remarks if any |
|  |  |  |  |  |  |  |

It is proposed to process new proposal on the basis of LAR of above referred LOA. However to simplify the scheduled rate for inclusion of any other SIV of any transferred loco under variation clause in existing contract, LAR which is Rs 1,50,000/- per unit per year (without GST) is required to be converted in per loco day rate. Thus, converted LAR works out to be Rs 410.96 per loco day (Rs 1,50,000/365) (without GST) and the same is proposed to be adopted in the estimate.

(Mohan Choudhary)

DEE (TRS) Kalyan

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| मध्य रेल  वरिष्ठ मंडल विद्युत अभियंता (कचस्टॉक) कार्यालय  विद्युत लोको शेड, कल्याण – ४२१ ३०१-  फोन / फैक्स:- 0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301.  Email:- [srdeetrskyncrly@bb.railnet.gov.in](mailto:srdeetrskyncrly@bb.railnet.gov.in) |

No.ELSKYN/WKS/HQ/Misc Date: 26/09/2020

**CELE/ CSMT**

**(Kind Attention: Shri G C Solanki, Dy CEE (EM)**

Sub : List of works awarded on quotation basis at Electric Loco Shed, Kalyan

Ref : GM’s Note No. GM/CR/Misc.2020 dated 01-05-2020 in connection

with short term action plan for expenditure control.

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In temrs of GM’s above stated note, a list of works awarded on quotation basis at Electric Loco Shed, Kalyan is as under:

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| S.  N. | Description of Work | LOA No. & Date | Date of Compln. | Contract Value/ Estimated  (Rs) | Firm’s Name | Remarks |
| 1 | Supply & Fitment of Water Channel (MS) on loco body above fins.- 16 Locos | ELSKYN/WKS/2019/35/W.C. dtd 29-07-2020 | 28-10-20 | 4,96,544/- | Prince Engg Co., Dahisar | Work is in progress (2019-20 Case) |
| 2 | Hiring of Zerox Machine for 1 year | ELSKYN/WKS/2020/06/Hiring Zerox dtd 16-09-2020 | 15-09-21 | 50,400/- | Rathod Enterprises, Mumbai | Machine to be installed (2019-20 case) |
| 3 | Supply, Installation and Comm. of set of junction box (pendant)–1 No. | ELSKYN/WKS/2020/02/Pendant EOT dtd 01-09-2020 | 30-09-20 | 2,39,127/- | Laxmi Enterprises, Dombivli | Work is in progress. |
| 4 | Supply, Inst, Commissioing of Air bay distribution system of Inspection shop NRR shop of ELS/KYN | ELSKYN/WKS/2020/07/Air Pipe dtd 01-09-2020 | 30-11-20 | 4,94,125/- | Rohan Machinnery Spares, Kalyan (E) | Work is in progress. |
| 5 | Repairing & Rewinding of different motors, 2 HP, 3 ph | ELSKYN/WKS/2020/08/Rewinding dtd 02-09-2020 | 14-10-20 | 1,10,860/- | Maximus Solution, Dombivli | Work is in progress. |
| 6 | Removal, Overhauling and fitment of loco side buffer a ELS/KYN-125 Nos. | ELSKYN/WKS/2020/10/Buffer dtd  25-08-2020 | 24-02-21 | 4,97,125/- | Akshay Enterprises, Titwala | Work is in progress. |
| 7 | Sanitization of Electric Locomotives at ELS/KYN, Qty-1690 loco for 1 year | ELSKYN/WKS/2020/11/Sanitization dtd 02-09-2020 | 01-09-21 | 4,20,810/- | D N Virkar, Kalyan | Work is in progress. |
| 8 | Repairing of SAICO make 50/7.5 Ton EOT Crane in old RR Shop. | ELSKYN/WKS/2010/13/SAICO EOT dtd 25-08-2020 | 09-09-20 | 1,47,500/- | Medcore Enterprises, Thane | Work physically completed |
| 9 | AMC of 22 PC and 26 Printers for a period of 1 year at ELS/KYN | **--** | **--** | 86,200/- | **--** | Concurred, under ADRM’s sanction |
| 10 | Repairing of cubicles, supply fitment of latches and angles in Bettery Boxes in 3 phase locos | **--** | **--** | 4,95,979/- | **--** | Under A/c’s Concurrence |
| 11 | Supply, Erection of Safety Bracket on BP/FP Isolating cock of WAP/7 Locos- 36 Locos | **--** | **--** | 3,02,040/- | **--** | Under A/c’s Concurrence. |

**(Hemant Jindal)**

**Sr.DEE(TRS) Kalyan**

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| मध्य रेल  वरिष्ठ मंडल विद्युत अभियंता (कचस्टॉक) कार्यालय  विद्युत लोको शेड, कल्याण – ४२१ ३०१-  फोन / फैक्स:- 0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301.  Email:- [srdeetrskyncrly@bb.railnet.gov.in](mailto:srdeetrskyncrly@bb.railnet.gov.in) |

No.ELSKYN/WKS/2019/01/EOT AUX Date: 25/06/2020

**CELE/ CSMT**

**(Kind Attention : Shri G C Solanki, Dy CEE (EM)**

Sub : HQ’s approval for works tender to be undertaken at divisional level

and approval for technical specification for the work of “Repairing/

Reconditioning of 15 Ton EOT Crane, Cranex make in Auxiliary Setion

at Electric Loco Shed, Kalyan “ through open tender.

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ADRM/CSMT’s approval to carry out the work on open tender basis was obtained in terms of item No. 38 (b) of Model SOP-2018 vide this office’s note of even No. dated 02-01-2020. (Copy enclosed).

Sr.DFM/CSMT vide letter No.BB/AC/FX/I/TRS(Kalyan)/Prop dtd 05-02-2020 accorded concurrence and vetted estimate for “Repairing/ Reconditioning of 15 Ton EOT Crane, Cranex make in Auxiliary Section at ELS, KYN at a total cost of Rs 9,94,520/- + GST (as applicable) chargeable to revenue (47000 070 443 32). Estimate has been vetted vide check note No. BB/AC/FX/414 dated 06-02-2020 (Copy enclosed).

As per concurrence letter, ADRM’s sanction to above proposal in terms of item No.38 (b) Part A of Model SOP 2018 was obtained vide this office note of even No. dated 12-02-2020 (Copy enclosed) and detailed estimate has been sanctioned by Sr.DEE(TRS) KYN i.e. JAG Officer in terms of item No. item No. 2 (C) of Model SoP 2018-Part A (Works Matter).

Open tenders for this work are to be invited. Technical specification for the subject work has been prepared. The same is sent herewith for approval.

It is therefore requested to kindly accord approval to carry out the subject work through works contract on Open Tender basis at divisional level and also accord Technical approval to enclosed specification.

**(Hemant Jindal)**

**Sr.DEE(TRS) Kalyan**

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| मध्य रेल  वरिष्ठ मंडल विद्युत अभियंता (कचस्टॉक) कार्यालय  विद्युत लोको शेड, कल्याण – ४२१ ३०१-  फोन / फैक्स:- 0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301.  Email:- [srdeetrskyncrly@bb.railnet.gov.in](mailto:srdeetrskyncrly@bb.railnet.gov.in) |

No.ELSKYN/WKS/HQ/Misc Date: 26/09/2020

**CELE/ CSMT**

**(Kind Attention: Shri G C Solanki, Dy CEE (EM)**

Sub : Position of Running Contracts at ELS/Kalyan

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As desired details of Running Contract at ELS/Kalyan in requisite format is sent herewith for further action please.

**(Hemant Jindal)**

**Sr.DEE(TRS) Kalyan**

Details of Repair/ Rehabilitation of ‘Tap Changer’ used in Electric Locomotives at ELS/KYN

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| FY | LOA/ CA No. & Date and Contractor’s Name | Brief Description | Quantity | Total Contract Value | Expenditure Incurred |
| 1. | ELS/BSL’s LOA No. BSL/TRS/Tender/2017/16 dated 31-01-2018.  M/s River Engineering Pvt.Ltd., Greater Noida | Repair/ Rehabilitation/ Reconditioning/ Testing and Supply of Tap Changer | 11 Nos. | 1,94,96,920/- | RSP Item.  3 Nos. executed for ELS/KYN.  2 Nos. on 02-05-18 & 1 No. on 20-06-18.  Bill passing authority was Sr.DEE/TRS/BSL |
| 2 | ELS/KYN’s LOA No. ELSKYN/WKS/2017/26/Tap Changer dated 12-02-2018  M/s River Engineering Pvt.Ltd., Greater Noida | Repair, Rehabilitation, Reconditioning, Testing and Suppy of Tap Changers | 10 Nos. | 1,89,81,832/- | Revenue. Expenditure incurred as detailed below: |
| 18-19 | --“-- | --“-- | 3 Nos. |  | 56,10,455/- |
| 19-20 | --“-- | --“-- | 6 Nos. |  | 1,12,09,569/- |
| 20-21 (till date) | --“-- | --“-- | 1 No. |  | 18,83,521/- |

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| मध्य रेल  वरिष्ठ मंडल विद्युत अभियंता (कचस्टॉक) कार्यालय  विद्युत लोको शेड, कल्याण – ४२१ ३०१-  फोन / फैक्स:- 0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301.  Email:- [srdeetrskyncrly@bb.railnet.gov.in](mailto:srdeetrskyncrly@bb.railnet.gov.in) |

No.ELSKYN/WKS/2019/01/EOT AUX Date: 25/06/2020

**CELE/ CSMT**

**(Kind Attention : Shri G C Solanki, Dy CEE (EM)**

Sub : HQ’s approval for works tender to be undertaken at divisional level

and approval for technical specification for the work of “Repairing/

Reconditioning of 15 Ton EOT Crane, Cranex make in Auxiliary Setion

at Electric Loco Shed, Kalyan “ through open tender.

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ADRM/CSMT’s approval to carry out the work on open tender basis was obtained in terms of item No. 38 (b) of Model SOP-2018 vide this office’s note of even No. dated 02-01-2020. (Copy enclosed).

Sr.DFM/CSMT vide letter No.BB/AC/FX/I/TRS(Kalyan)/Prop dtd 05-02-2020 accorded concurrence and vetted estimate for “Repairing/ Reconditioning of 15 Ton EOT Crane, Cranex make in Auxiliary Section at ELS, KYN at a total cost of Rs 9,94,520/- + GST (as applicable) chargeable to revenue (47000 070 443 32). Estimate has been vetted vide check note No. BB/AC/FX/414 dated 06-02-2020 (Copy enclosed).

As per concurrence letter, ADRM’s sanction to above proposal in terms of item No.38 (b) Part A of Model SOP 2018 was obtained vide this office note of even No. dated 12-02-2020 (Copy enclosed) and detailed estimate has been sanctioned by Sr.DEE(TRS) KYN i.e. JAG Officer in terms of item No. item No. 2 (C) of Model SoP 2018-Part A (Works Matter).

Open tenders for this work are to be invited. Technical specification for the subject work has been prepared. The same is sent herewith for approval.

It is therefore requested to kindly accord approval to carry out the subject work through works contract on Open Tender basis at divisional level and also accord Technical approval to enclosed specification.

**(Hemant Jindal)**

**Sr.DEE(TRS) Kalyan**

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| मध्य रेल  वरिष्ठ मंडल विद्युत अभियंता (कचस्टॉक) कार्यालय  विद्युत लोको शेड, कल्याण – ४२१ ३०१-  फोन / फैक्स:- 0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301.  Email:- [srdeetrskyncrly@bb.railnet.gov.in](mailto:srdeetrskyncrly@bb.railnet.gov.in) |

No.ELSKYN/WKS/2018/44/Rewinding Aux Motors Date: 12/03/2020

**CELE/ CSMT**

**(Kind Attention : Shri G C Solanki, Dy CEE (EM)**

Sub : HQ’s approval for works tender to be undertaken at divisional level

and approval for technical specification for the work of “Rewinding of

Auxiliary Motors of Electric Locomotives at Electric Loco Shed, Kalyan “

through works contract.”

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DRM/CSMT’s approval for outsourcing of work of “Rewinding of Auxiliary Motors of Electric Locomotives at ELS/KYN” was obtained in terms of item No. 37 (A) Part A of Model SOP-2018 vide this office’s note of even No. dated 28-11-2019.

Sr.DFM/CSMT vide letter No.BB/AC/FX/I/Prop/32381 dtd 10-02-2020 accorded concurrence and vetted estimate for “Rewinding of Auxiliary Motors of both conventional locos and 3 phase locos at ELS, KYN at a total cost of Rs 14,92,183/- + GST (as applicable) chargeable to revenue (47000 050 555 32). Estimate has been vetted vide check note No. BB/AC/FX/425 dated 10-02-2020 (Copy enclosed).

The proposal and detailed estimate has been sanctioned by Sr.DEE(TRS) KYN i.e. JAG Officer in terms of item No. 39(b) Part A Model SOP 2018 and item No. 2 (C) of Model SoP 2018-Part A (Works Matter) respectively vide this office note of even No. dated 07-03-2020. (Copy enclosed)

Open tenders for this work are to be invited. Technical specification for the subject work has been prepared based on ELS/AQ’s LOA No. ELS/AQ/DRG/WCQ/18-19/02 dated 17-07-2018 (Copy enclosed) The same is sent herewith for approval.

It is therefore requested to kindly accord approval to carry out the subject work on Open Tender basis at divisional level and also accord Technical approval to enclosed specification.

**(Hemant Jindal)**

**Sr.DEE(TRS) Kalyan**

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| मध्य रेल  वरिष्ठ मंडल विद्युत अभियंता (कचस्टॉक) कार्यालय  विद्युत लोको शेड, कल्याण – ४२१ ३०१-  फोन / फैक्स:- 0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301.  Email:- [srdeetrskyncrly@bb.railnet.gov.in](mailto:srdeetrskyncrly@bb.railnet.gov.in) |

No. ELSKYN/WKS/2018/11/PCB/3Phase Date : 05-08-2020

**CELE/ CSMT**

**(Kind Attention : Shri G C Solanki, Dy CEE (EM)**

Sub : HQ’s Technical approval for works tender to be undertaken at divisional level and

approval for technical specification for the work of “Repair cum Reconditioning of PCB’s of

3-phase locomotives through works contract.”

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A proposal and detailed estimate for “Repair cum Rehabilitation and Repair cum Reconditioning of PCB’s of 3-phase locomotives through works contract”, has been concurred and vetted by Sr.DFM/CSMT vide letter No.BB/AC/FX-I/Prop/30759 dated 25.09.2019 at a total cost of Rs.3,49,62,321.88 /- all inclusive (Copy Enclosed).

The estimate has been sanctioned by Sr.DEE(TD) KYN i.e. JAG Officer in terms of item No. 39(b) Part A Model SOP 2018 as concurred by A/cs vide this office note of even No. dated 24-10-2019

There was 58 Nos. MICAS (System) based Locomotives at the time of finance concurrence. However most of MICAS based locos are now transferred to other shed. As on date there are only 24 Nos. locomotives with MICAS system. Out of these 24 Nos. locos, only 07 Locos are due for rehabilitation during 2020 and the rest of locos will be due from 2021 to 2025. Hence repairs cum rehabilitation portion of sanctioned estimate is not required to be operated presently. Therefore the work for only "Repair cum Reconditioning of PCB’s of 3-phase locomotives through works contract.” amounting Rs.50,43,266.88 is processed now. Sr.DEE(TRS)KYN has approved the same. (Copy Enclosed)

Open tenders for this work are to be invited with eligibility criteria based on similar nature of work duly approved by CEE vide tender No.L.253.AC.2012/PCB. Technical specification for the subject work has been prepared based on RDSO guidline no.EL/G/2008-01 Rev-3, March 2012 with latest amendment. The same is sent herewith for approval.

It is therefore requested to kindly accord approval to carry out the subject work on Open Tender basis at divisional level and also accord Technical approval to enclosed specification.

**(Hemant Jindal)**

**Sr.DEE(TRS) Kalyan**

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| मध्य रेल  वरिष्ठ मंडल विद्युत अभियंता (कचस्टॉक) कार्यालय  विद्युत लोको शेड, कल्याण – ४२१ ३०१-  फोन / फैक्स:- 0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301.  Email:- [srdeetrskyncrly@bb.railnet.gov.in](mailto:srdeetrskyncrly@bb.railnet.gov.in) |

No. ELSKYN/WKS/2019/Review on tendering Date : 16-12-2019

**CELE/ CSMT**

**(Kind Attention : Shri G C Solanki, Dy CEE (EM)**

Sub : Review of instructions regarding Two Packets System on Tendering

Ref : Rly Board’s Letter No.2019/V-I/CVC/Two packets system dated 13.12.19

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In reference to above letter, time taken for award of single packet contract pertaining to ELS/KYN in requisite format is as given below:

(A) Contract value upto 10 Crore (Single Packet)

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Number of Tenders | | | | | | | |
| Time  Taken  Year | Upto 30 days | Above 30 days & upto 45 days | Above 45 days & upto 60 days | Above 60 days & upto 75 days | Above 75 days & upto 90 days | Above 90 days & upto 120 days | Above 120 days |
| 2016-17 | -- | -- | -- | 1 | 1 | 2 | -- |
| 2017-18 | 1 | 1 | 2 | -- | 1 | 1 | 1 |
| 2018-19 | 2 | 2 | 1 | -- | 1 | 2 | 2 |
| 2019-20 up to 16.12.19 | 1 | 2 | -- | -- | 2 | -- | 1 |

(B) Contract value above 10 Crore up to 50 Crore (Two Packets) - **Nil**

**(Hemant Jindal)**

**DEE(TRS) Kalyan (I/C)**

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| मध्य रेल  वरिष्ठ मंडल विद्युत अभियंता (कचस्टॉक) कार्यालय  विद्युत लोको शेड, कल्याण – ४२१ ३०१-  फोन / फैक्स:- 0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301.  Email:- [srdeetrskyncrly@bb.railnet.gov.in](mailto:srdeetrskyncrly@bb.railnet.gov.in) |

No. ELSKYN/WKS/2019/13/Air Dryer O/H Date : 11-11-2019

**CELE/ CSMT**

**(Kind Attention : Shri G C Solanki, Dy CEE (EM)**

Sub : HQ’s Technical approval for works tender to be undertaken at divisional

level and approval for technical specification for the work of “Removal,

overhauling, and fitment of Air Dryers of different make of Electric

Locomotives at ELS/KYN, Qty-73 Air Dryers.

Ref : Your office letter No.L.253.AC.Div-Work dated 18.10.2019

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With reference to above letter, the comments on PCEE’s remarks are given below,

a) All safety check after providing of Air Dryer will be certified by ELS/KYN’s

supervisor/Engineer and Firms representative jointly. This has been incorporated in

Specification vide Para 6.1 and Annexure-II.

b) Testing of Air Dryer after overhauling and after fitment on loco is incorporated in

Technical Specification vide para 6.0 and Annexure-I

Accordingly Technical Specification has been revised and sent herewith for Technical approval.

**(Hemant Jindal)**

**DEE(TRS) Kalyan (I/C)**

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| मध्य रेल  वरिष्ठ मंडल विद्युत अभियंता (कचस्टॉक) कार्यालय  विद्युत लोको शेड, कल्याण – ४२१ ३०१-  फोन / फैक्स:- 0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301.  Email :- srdeetrskyncrly@gmail.com |

No. ELSKYN/WKS/2019/21/WFL Date: 24-10-2019

CELE/ CSMT

**(Kind Attention : Shri G C Solanki, Dy CEE (EM)**

Sub: HQ’s approval for specification and for definition of similar work

for “Design, Supply, Installation and Commissioning of Wheel Flange

Lubrication on WAG-7 locos alongwith supply of lubricants for

a period of 2 months at ELS/KYN.

**\*\*\*\***

A proposal and detailed estimate for “Design, Supply, Installation and Commissioning of Wheel Flange Lubrication on WAG-7 locos alongwith supply of lubricants for a period of 2 months at ELS/KYN” has been concurred and vetted by Sr.DFM/CSMT vide letter No.BB/AC/FX/I/Prop/30974 dated 16-10-2019 at a total cost of Rs. 80,98,191.60 (Copy Enclosed).

The estimate is under sanction of Sr.DEE(TD) KYN i.e. JAG Officer in terms of item No. 39(b) Part A Model SOP 2018 as concurred by A/cs.

Open tenders for this work are to be invited. Technical specification for the subject work has been prepared based on RDSO’s specification No. MP-0.3900.06 (Rev-00) of February 2011. The same is sent herewith for approval.

Recently PCME has approved definition of silimilr work for Sr.DEE(TRS) Sanpada vide office note No.L.531.P.42.Similar Work dated 22-08-2019 (Copy enclosed) which is as under:

**“**Design, manufacture, supply of wheel flange lubrication system on EMU/ MEMU/ DEMU/ Loco/ Metro/ Monorail in Indian Railway”

As the cost of said work is more than Rs 50 lakh, minimum eligibility criteria will be applicable for which definition of similar work is proposed to be as under:

**“ Design, manufacture, supply, erection, testing and commissioning of on board Wheel Flange Lubrication System on Electric Loco/ Deisel Loco/ EMU/ MEMU/DEMU/Metro/ Monorail in Indian Railway or any Govt Organisation/ PSU of Governement of India or State”.**

In comparison of above approved definition by PCME, in the proposed definition “erection, testing and commissioning” is added and also ‘loco’ word is replaced by “electric loco/ diesel loco”. Also as Metro & Monorail comes under State & Govt of India PSU, the same has also been added in proposed definition of similar work.

Further specification/ scope of work for subject work have also been prepared. The same is sent herewith for approval.

It is therefore requested to accord HQ’s approval for above definition of similar work and also approve the scope of work so that open tenders can be invited for subject work.

**(Hemant Jindal)**

**DEE(TRS) Kalyan (I/C)**

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| मध्य रेल  वरिष्ठ मंडल विद्युत अभियंता (कचस्टॉक) कार्यालय  विद्युत लोको शेड, कल्याण – ४२१ ३०१-  फोन / फैक्स:- 0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301.  Email :- srdeetrskyncrly@gmail.com |

No. ELSKYN/WKS/2019/21/WFL Date: 24-10-2019

CELE/ CSMT

**(Kind Attention : Shri G C Solanki, Dy CEE (EM)**

Sub: HQ’s approval for specification and for definition of similar work

for “Design, Supply, Installation and Commissioning of Wheel Flange

Lubrication on WAG-7 locos alongwith supply of lubricants for

a period of 2 months at ELS/KYN.

**\*\*\*\***

A proposal and detailed estimate for “Design, Supply, Installation and Commissioning of Wheel Flange Lubrication on WAG-7 locos alongwith supply of lubricants for a period of 2 months at ELS/KYN” has been concurred and vetted by Sr.DFM/CSMT vide letter No.BB/AC/FX/I/Prop/30974 dated 16-10-2019 at a total cost of Rs. 80,98,191.60 (Copy Enclosed).

The estimate is under sanction of Sr.DEE(TD) KYN i.e. JAG Officer in terms of item No. 39(b) Part A Model SOP 2018 as concurred by A/cs.

Open tenders for this work are to be invited. Technical specification for the subject work has been prepared based on RDSO’s specification No. MP-0.3900.06 (Rev-00) of February 2011. The same is sent herewith for approval.

Recently PCME has approved definition of silimilr work for Sr.DEE(TRS) Sanpada vide office note No.L.531.P.42.Similar Work dated 22-08-2019 (Copy enclosed) which is as under:

**“**Design, manufacture, supply of wheel flange lubrication system on EMU/ MEMU/ DEMU/ Loco/ Metro/ Monorail in Indian Railway”

As the cost of said work is more than Rs 50 lakh, minimum eligibility criteria will be applicable for which definition of similar work is proposed to be as under:

**“ Design, manufacture, supply, erection, testing and commissioning of on board Wheel Flange Lubrication System on Electric Loco/ Deisel Loco/ EMU/ MEMU/DEMU/Metro/ Monorail in Indian Railway or any Govt Organisation/ PSU of Governement of India or State”.**

In comparison of above approved definition by PCME, in the proposed definition “erection, testing and commissioning” is added and also ‘loco’ word is replaced by “electric loco/ diesel loco”. Also as Metro & Monorail comes under State & Govt of India PSU, the same has also been added in proposed definition of similar work.

Further specification/ scope of work for subject work have also been prepared. The same is sent herewith for approval.

It is therefore requested to accord HQ’s approval for above definition of similar work and also approve the scope of work so that open tenders can be invited for subject work.

**(Hemant Jindal)**

**DEE(TRS) Kalyan (I/C)**

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| मध्य रेल  वरिष्ठ मंडल विद्युत अभियंता (कचस्टॉक) कार्यालय  विद्युत लोको शेड, कल्याण – ४२१ ३०१-  फोन / फैक्स:- 0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301.  Email:- [srdeetrskyncrly@bb.railnet.gov.in](mailto:srdeetrskyncrly@bb.railnet.gov.in) |

No. ELSKYN/WKS/2019/13/Air Dryer O/H Date : 26-09-2019

**CELE/ CSMT**

**(Kind Attention : Shri G C Solanki, Dy CEE (EM)**

Sub : HQ’s Technical approval for works tender to be undertaken at divisional

level and approval for technical specification for the work of “Removal,

overhauling, and fitment of Air Dryers of different make of Electric

Locomotives at ELS/KYN, Qty-73 Air Dryers.

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A proposal and detailed estimate for “Removal, overhauling, and fitment of Air Dryers of different make of Electric Locomotives at ELS/KYN, Qty-73 Air Dryers, has been concurred and vetted by Sr.DFM/CSMT vide letter No.BB/AC/FX/I/Prop/29552 dated 11-06-2019 at a total cost of Rs. 10,33,680 /- (Copy Enclosed).

The estimate has been sanctioned by Sr.DEE(TD) KYN i.e. JAG Officer in terms of item No. 39(b) Part A Model SOP 2018 as concurred by A/cs.

Open tenders for this work are to be invited. Technical specification for the subject work has been prepared based on SMI No.RDSO/2017/EL/SMI/0305 Rev.0 dated 17.04.2017 and LOA placed by Sr.DEE/TRS/WAT. The same is sent herewith for approval.

It is therefore requested to kindly accord approval to carry out the subject work on Open Tender basis at divisional level and also accord Technical approval to enclosed specification.

**(Hemant Jindal)**

**DEE(TRS) Kalyan (I/C)**

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| मध्य रेल  वरिष्ठ मंडल विद्युत अभियंता (कचस्टॉक) कार्यालय  विद्युत लोको शेड, कल्याण – ४२१ ३०१-  फोन / फैक्स:- 0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301.  Email :- srdeetrskyncrly@gmail.com |

No. KYN.RS.T.Trans.2010.5400 Pt II Date: 25.09.2019

CELE/ CSMT

**(Kind Attention : Shri G C Solanki, Dy CEE (EM)**

Sub: The work of Repair/ Rehabiliation, reconditioning, testing and supply

of transformers type HETT-5400 (copper coil type) for use in AC Locos

Ref : (i) Your letter No. L.253.AC.2011.TFP5400 dated 27-06-2019.

(ii) HQ’s LOA No. L.253.AC.2011.TFP5400 dated 01-12-2019.

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Vide above referred letter, confirmation of warranty obligations are asked against the subject contract executed by M/s High Volt Electricals (P) Ltd, Tarapur Industrial Area, Thane.

As mentioned in above letter, qty of 11 Nos. transformers were executed for ELS/Kalyan. 11th and last transformer was commissioned on locomotive on 15-12-2016, warranty of this last transformer has been expired on 14-12-2018.

Out of 11 transformers, one transformer No.2010341 received from firm on 07-11-2013 duly repaired, reconditioned was transferred to Sr.DEE/TRS/BRCY on 20-05-2014 vide letter No. TRC/BRCY/T/36 A dated 15-05-2014.

Warranty obligation for above 01 Transformer No.2010341 was asked from Sr.DEE/TRS/BRC. In response to which Sr.DEE/TRS/BRC vide letter no.TRS/BRCY/T/36A dated 23.09.2019 stated that this transformer was provided in BRC based loco no.22280 on 08.09.2014 and working normal till date (Copy enclosed).

It is confirmed that there are no warranty obligations pending for 10 Nos. transformers against this contract from ELS/Kalyan side and 01 No. from Sr.DEE/TRS/BRC side.

**(Hemant Jindal)**

**DEE (TRS) Kalyan (I/C)**

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| मध्य रेल  वरिष्ठ मंडल विद्युत अभियंता (कचस्टॉक) कार्यालय  विद्युत लोको शेड, कल्याण – ४२१ ३०१-  फोन / फैक्स:- 0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301.  Email :- srdeetrskyncrly@gmail.com |

No. ELSKYN/WKS/2018/23/IGBT Date: 24-09-2019

CELE/ CSMT

**(Kind Attention : Shri G C Solanki, Dy CEE (EM)**

Sub: The LOA No.L.253.AC/AMC/SR-BUR/2018 dtd 18-12-2018 for comprehensive

maintenance contract of ABB make IGBT based traction converter & auxiliary converters fitted in 3 pphase locomotives of ELS/AQ for 3 years period

Ref : 1. HQ’s letter No.L.253.AC.AMC/SR-BUR/2018 dated 01-07-2019 and dated

15-07-2019

2. This office letter of even no. dated 09.07.2019

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Please connect this office letter of even no. dated 09.07.2019 vide which requirement of 02 loco provided with ABB make IGBT based auxiliary converters to be covered under comprehensive maintenance contract was sent to you.

Vide letter no. L.253A C/AMC/SR-BUR/2018 dated 15.07.2019, variation in quantity of subject tender has been exercised. In this variation, quantity of 01 Auxiliary converter is increased. It seems that this quantity not pertains to ELS/KYN.

It is once again requested to cover below mentioned 02 locos of ELS/KYN in subject mentioned existing contract of CAMC.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| S.No. | Sl.No. of locomotives which are undergoing AMC | Date of handing over for AMC | Sl.No. of Locomotives which are yet to be handed over for AMC | Date of expiry of warranty period |
| 1 | Nil | Nil | 31467 | 24-03-2017 |
| 2 | 31469 | 28-02-2017 |

**(Hemant Jindal)**

**DEE(TRS) Kalyan (I/C)**

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| मध्य रेल  वरिष्ठ मंडल विद्युत अभियंता (कचस्टॉक) कार्यालय  विद्युत लोको शेड, कल्याण – ४२१ ३०१-  फोन / फैक्स:- 0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301.  Email:- [srdeetrskyncrly@bb.railnet.gov.in](mailto:srdeetrskyncrly@bb.railnet.gov.in) |

No. ELSKYN/WKS/2018/29/SL Date : 24-09-2019

**CELE/ CSMT**

**(Kind Attention : Shri G C Solanki, Dy CEE (EM)**

Sub : HQ’s Technical approval for works tender to be undertaken at divisional

level and approval for technical specification for the work of “ (i) Repair,

Rehabilitation & Conversion of SL-42 to SL-30 Smoothing Reactors, Qty –

11 Nos.& (ii) Repair, Rehabilitation & modification of Smoothing Reactor

type SL-30 of Electric Locos, Qty –10 Nos.

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A proposal and detailed estimate for “(i) Repair, Rehabilitation & Conversion of SL-42 to SL-30 Smoothing Reactors, Qty -11 Nos.& (ii) Repair, Rehabilitation & modification of Smoothing Reactor type SL-30 of Electric Locos, Qty –10 Nos. has been concurred and vetted by Sr.DFM/CSMT vide letter No. BB/AC/FX/I/Prop/28167 dated 12-02-2019 at a total cost of Rs 1,07,07,065/- plus applicable GST.(Copy Enclosed).

The estimate has been sanctioned by Sr.DEE(TRS) KYN i.e. JAG Officer in terms of item No. 2 (C) of Model SOP 2018 Part A as concurred by A/cs.

Open tenders for this work are to be invited. Technical specification for the subject work has been prepared based on work carried out at Dahod Work Shop for conversion of SL-42 Smoothing Reactor to SL-30 and work carried out at ELW/BSL for repair, rehabilitation and modification. The same is put up herewith for approval.

It is therefore requested to kindly accord approval to carry out the subject work on Open Tender basis at divisional level and also accord Technical approval to enclosed specification.

**(Hemant Jindal)**

**DEE(TRS) Kalyan (I/C)**

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| मध्य रेल  वरिष्ठ मंडल विद्युत अभियंता (कचस्टॉक) कार्यालय  विद्युत लोको शेड, कल्याण – ४२१ ३०१-  फोन / फैक्स:- 0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301.  Email:- [srdeetrskyncrly@bb.railnet.gov.in](mailto:srdeetrskyncrly@bb.railnet.gov.in) |

No.KYN/RS/T/240/DBR/2011 Date: 19.09.2019

CELE/ CSMT

**(Kind Attention : Shri G C Solanki, Dy CEE (EM)**

Sub: LOA No.L.253.AC.2012/DBR Vol II dtd 03-12-2015 for complete Repair,

Reconditioning, Testing & Supply of Dynamic Braking Resistance for AC

Locomotives.

Ref: HQ’s letter No. L.253.AC.2012/DBR VOl II dated 20-08-2019.

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With reference to above letter, it is stated that 8 Nos. DBR (Sch. Item No.1) and 8 Nos. MVRF (Sch.Item No.3) were lifted by the firm on 21-12-2016 for repair and reconditioning against lifting order No.2. dtd 19-08-2016.

Out of above, the firm has supplied only 08 Nos. DBR (Sch.Item No.1) duly repaired/ reconditioned vide challan No.031 dated 06-03-2017. Bill for the same was released. 08 Nos. MVRF for conversion (Sch.Item No.3) are lying with them till now.

This office is continuously chasing for return of material. In addition to frequent correspondence, a representative of this shed was sent to their premises on 13-04-2018 to know the exact status of pending work. In response to which, the firm had given a verble assurance to supply the material within 2 months, but not supplied till date.

Efforts are being made to take possession of 8 Nos. MVRF after rescind of contract.

Further as desired, details of SD retained by Railway is as under:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Bill No. | Qty | Total Gross & Net Payment | S D Retained | Date of physical completion | Remarks |
| Ist On Account Bill No.031/16-17 dated 18-04-2017 | 8 Nos. DBR (Sch I.No.1) | Gross  ` 30,54,245/-  Net  ` 26,2,5846/- | ` 3,05,424/- | 17-04-17 | No other amount is due from Railway to the firm. |

(Hemant Jindal)

DEE(TRS) Kalyan (I/C)

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No.ELSKYN/WKS/2019/06/ Pivot Modification Date: 27/08/2019

CELE/ CSMT

**(Kind Attention : Shri G C Solanki, Dy CEE (EM)**

Sub: Finance Concurrence for “Special Limited Tender” for the work of “Replacement

of Pivot Sub Assembly having unmodified motor support with modified motor

support as per CLW’s Drg No. 1209-01.412.187” of three phase electric locomotives.

Ref : (i) HQ’s letter No.L.253.Ac.Div-Work dated 23-08-2019.

(ii) AFA (F-II)’s letter No. AC/FX/1465/CEE/BB/19/783 dated 23-08-2019

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With reference to above correspondence, it is stated that before receiving of AC locomotives, ELS/KYN was dealing with DC Electric Locomotives and accordingly funds allocation was under sub heads of DC Electric Locomotives.

Estimate No.ELSKYN/WKS/2019/15 dated 23-07-2019 was budgeted under allocation No. 47000 050 555 32 i.e. special repairs and overhaul of body bogie and brake rigging for DC Locomotives.

As work against above estimate is to be carried out on AC locomotives (3 phase), corresponding allocation for which is 551 for special repairs and overhaul of body bogie and brake rigging.

As suggested by AFA (F-II) vide letter in reference at (ii), the allocation has been changed from 47000 050 555 32 (for DC Locos) to 47000 050 551 32 (for AC loco).

A copy of estimate having above changes in allocation, duly signed by budget supervisor is enclosed herewith.

FA&CAO may please be apprised for early concurrence of the subject mentioned proposal.

**(Hemant Jindal)**

**DEE(TRS) Kalyan (I/C)**

Copy to : AFA (F-II) CSMT

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No.ELSKYN/WKS/2019/06/ Pivot Modification Date: 20/08/2019

CELE/ CSMT

**(Kind Attention : Shri G C Solanki, Dy CEE (EM)**

Sub: Approval to execute the work of “Replacement of Pivot Sub Assembly

having unmodified motor support with modified motor support as per

CLW’s Drg No. 1209-01.412.187 of 15 bogies at ELS/KYN” through

ELS/AQ’s exisiting contract.

Ref : (i) HQ’s letter No.L.253.Ac.Div-Work dated 17-07-2019.

(ii) This office letter of even No. dated 02-08-2019.

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Proposal for carrying out subject mentioned work on 89 bogies through special limited tender was sent for PFA’s concurrence and AGM’s sanction vide this office letter referred at Sr.No. (ii) above.

Above proposal is under process of concurrence and sanction. Thereafter invitation and finalization of tender will take required time.

Recently an incident of on line failure of loco No.30382 (WAP-7/ GZB) has taken place on 04-07-2019 due to breakage of unmodified traction motor support on pivot transom.

To avoid recurrence of such failure and probable mishap on Central Railway, it is necessary to to execute the work of replacement of pivot sub assembly having umodified motor support with modified motor support of ELS/KYN on priotiy.

It is understood that recently, a contract for similar work has been awarded to M/s Anup Malleable, Dhanbad by ELS/AQ and the same is in progress.

In view of the above and considering the urgency and importance of item, it is proposed to execute the work on 15 bogies of ELS/KYN through contract awarded by ELS/AQ.

It is therefore requested to kindly accord approval for carrying out work of “Replacement of pivot sub assembly having umodified motor support with modified motor support” on 15 bogies of ELS/KYN through contract awarded by ELS/AQ.

**(Hemant Jindal)**

**DEE(TRS) Kalyan (I/C)**

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| मध्य रेल  वरिष्ठ मंडल विद्युत अभियंता (कचस्टॉक) कार्यालय  विद्युत लोको शेड, कल्याण – ४२१ ३०१-  फोन / फैक्स:- 0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301.  Email :- srdeetrskyncrly@gmail.com |

No.KYN/RS/T/240/SI-Rehab/2011 Date : 08-08-2019

CELE/ CSMT

**(Kind Attention : Shri G C Solanki, Dy CEE (EM)**

Sub : LOA No. L.253.AC.2012/PCB/SI UNIT dated 04/04/2014 for Repair cum

Rehabilitation of PCB cards of SI unit for AC/DC Elect. Locos -65 Sets

(increased to 95 sets)

Ref: Your letter No. L.253.Ac.2012/PCB/ SI Unit dated 12-04-2019

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As desired vide above referred letter, the para-wise remarks on the information asked are given below:

1. Out of latest variation of 08 Sets, 02 sets have been completed. Bill for the same is under process of payment. The original schedule quantity of 65 Loco Set’s PCB was completed on 03-02-2017. Further increased quantity of 20 loco sets was completed on 28-07-2018. Thus out of total increased qty of 93 sets, 87 loco sets have been completed.
2. Last 2 sets as mentioned above were lifted by firm on 21-01-2019 and the same received back duly repaired on 04-04-2019.
3. There is no delay on firm’s account in delivery of materials. Cards for repairs cum rehabilitation can be issued to firm by Railway in phased manner when released from locomotives. Presently quantity of cards due for repair cum rehabilitation is less in number.
4. There is no loss to Railways due to extension in completion period as asked by firm.
5. Availability of cards for lifting depends on loco availability in major schedule. Issuing of cards for repair and rehabilitaton will be done in phased manner. Probable date for compeletion of balance quantity of 6 sets is 31-03-2020.

The extension of completion period may please be given accordingly.

(Hemant Jindal)

DEE(TRS) Kalyan (I/C)

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No.ELSKYN/WKS/2019/06/ Pivot Modification Date: 05/08/2019

CELE/ CSMT

**(Kind Attention : Shri G C Solanki, Dy CEE (EM)**

Sub: Technical approval of specification/ scope of work for the work of “Replacement

of Pivot Sub Assembly having unmodified motor support with modified motor

support as per CLW’s Drg No. 1209-01.412.187 at ELS/KYN, Qty- 89 bogies”

through Special Limited Tender from CLW’s approved sources.

Ref : (i) HQ’s letter No.L.253.Ac.Div-Work dated 17-07-2019.

(ii) This office letter of even No. dated 02-08-2019.

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Proposal for carrying out subject mentioned work through special limited tender was sent for PFA’s concurrence and AGM’s sanction vide this office letter referred at Sr.No. (ii) above.

Now Techncial specification and scope of work for said work prepared based on RDSO Modification Sheet No. RDSO/2015/EL/MS/0443 Rev “0” dtd 17-09-15, is sent herewith for approval.

It is requested to accord approval to specification/ scope of work attached.

**(Hemant Jindal)**

**DEE(TRS) Kalyan (I/C)**

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| मध्य रेल  वरिष्ठ मंडल विद्युत अभियंता (कचस्टॉक) कार्यालय  विद्युत लोको शेड, कल्याण – ४२१ ३०१-  फोन / फैक्स:- 0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301.  Email :- srdeetrskyncrly@gmail.com |

No.ELSKYN/WKS/2019/06/ Pivot Modification Date: 02/08/2019

CELE/ CSMT

**(Kind Attention : Shri G C Solanki, Dy CEE (EM)**

Sub: PFA’s concurrence & AGM’s sanction to carry out the work of “Replacement

of Pivot Sub Assembly having unmodified motor support with modified motor

support as per CLW’s Drg No. 1209-01.412.187 at ELS/KYN, Qty- 89 bogies”

through Special Limited Tender from CLW’s approved sources.

Ref : HQ’s letter No.L.253.Ac.Div-Work dated 17-07-2019.

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Vide above referred letter it was advised to obtain prior finance concurrence of asscociate finance in terms of Note 1 of item No. 5 A (iii) of Model SOP for special limited tenders for subject mentioned work and administrative approval of DRM.

Accrodingly DRM/BB administrative approval for carrying out the said work has been obtained but DRM/BB given a remark that “mode of tendering to be finalised by the C.A. vide office note of even No. dated 19-07-2019 (Copy enclosed).

Sr.DFM has accorded concurrence for replacement of Pivot Sub Assembly having unmodified motor support with modified motor support as per CLW’s Drg No. 1209-01.412.187 as per scopy of work at an estimated cost of Rs 1,18,41,524.76 plus applicable GST vide letter No.AC/BB/FX-I/ Prop/30048 (Copy enclosed).

Sr.DFM/CSMT vide above concurrence letter stated that executing the work through special limited tender will require concurrence of PFA and AGM’s sanction, as it is specifically mentioned under item No. 5(A) (iii) Part a of SOP 2018 that number of tenderers should not be less than 4 and in the subject case there are only 3 firms of CLW’s approved list of sources.

Remarks on the conditions subject to which concurrence is accorded by Sr.DFM/CSMT are as under:

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| --- | --- | --- |
| Sr.  No. | Sr.DFM’s conditions | Remarks |
| a) | Availability of funds during the current financial year under the sanctioned grant. | Funds are available during the current financial eyear. |
| b) | Reasonability of rates to be certified. | Estimated rates are based on LAR vide E.Co.Rly’s PO No. 30185966150788 dated 16-10-2018. However rate reasobility of bid offer will be certified at appropriate stage. |
| c) | In terms of item No. 2.6.4.1 of Sudhir Chandra Committee’s recommendation, for executing the work on Spl Limited Tender basis, approval of PHOD needs to be taken before submitting the proposal for PFA’s concurrence and AGM’s sanction | PHOD’s approval for executing the work on Special Limited Tender basis may please be obtained at HQ level. |
| d) | All terms and condition as laid down for special limited tender to be adhered if concurred by PFA and sanctioned by competent authority. | Noted. All terms and condition as laid down for special limited tender shall be adhered. |

Contd..2

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| e) | It may also be ensured that due to bringing of outsider workman in Railway premises, the Railway work and safety will not be hampered. | Noted. It shall be ensured that railway work and safety is not hampering during the execution of work. |
| f) | A clause of sufficient amount of penalty for late/ delay in working, non-working may be incorporated in the tender document. | Suitable clause of penalty for late/ delay in working, non working shall be incorporated in the tender document. |
| g) | Guidelines for sanction to detailed estimates before invitation of Tender, being followed in all the cases, | Noted. Guidelines for sanction to detailed estimates before invitation of Tender shall be followed. |
| h) | Items and quantities of the Tender schedule should be as per the sanctioned detailed estimate. | Noted. Items and quantities of the tender schedule shall be as per the sanctioned detailed estimate. |
| i) | It may be certified that the above works are not overlapping with proposed/ sanctioned or ongoing works of Mumbai division, open line, DC-AC works and construction works. | It is certified that the above work is not overlapping with proposed/ sanctioned or ongoing works of Mumbai division, open line, DC-AC works and construction works. |
| j) | Certifying that assesment of quantity is realistic and as per actual requirement. | It is certified that that assessment of quantity is realistic and as per actual requirement. |
| k) | Adhering to all terms/ conditions of RDSO. | Noted. All terms/ conditions of RDSO shall be adhered. |
| l) | Technical sanction of competent authority to be obtained. | Noted. HQ’s technical sanction for scope of work and specification shall be obtained. |

In view of the above it is requested to obtain PFA’s concurrence and AGM’s sanction for executing the work through special limited tender from CLW’s approved list of sources which are currently 3 firms as given below:

1. M/s Ved Sassomeccanica Pvt.Ltd.,
2. M/s Ashika Commercial Pvt. Ltd.
3. M/s Anup Malleable Ltd.

A copy of estimate duly certified for funds, DRM’s administrative approval and Sr.DFM’s concurrence letter is enclosed herewith.

**(Hemant Jindal)**

**DEE(TRS) Kalyan (I/C)**

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| मध्य रेल  वरिष्ठ मंडल विद्युत अभियंता (कचस्टॉक) कार्यालय  विद्युत लोको शेड, कल्याण – ४२१ ३०१-  फोन / फैक्स:- 0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301.  Email :- srdeetrskyncrly@gmail.com |

No.ELSKYN/WKS/2019/06/ Pivot Modification Date: 16/07/2019

CELE/ CSMT

**(Kind Attention : Shri G C Solanki, Dy CEE (EM)**

Sub: HQ’s technical approval for works tender to be undertaken at divisional level

for the work of “Replacement of Pivot Sub Assembly having unmodified motor

support with modified motor support as per CLW’s Drg No. 1209-01.412.187 at

Electric Loco Shed, Kalyan, Qty- 89 bogies.

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As per RDSO’s Modification Sheet No. RDSO/2015/EL/MS/0443 Rev-0 dated 17-09-2015, Motor Support welded on Pivot Transom should be maintained as per RDSO’s SMI No. 280. However if the sheds are not able to maintain the motor support as per above SMI, the Motor Support on Pivot Transom should be replaced with new Motor Support as per CLW’s Drg No. 1209-01.412-187 along with Pivot Sub Assembly with inbuilt welded Pivot Pin. (Copy enclosed).

To replace the Pivot Sub Assembly with modified Motor Support, non stock requisition No.17395705 dated 09-05-2016 was processed for 46 sets taking rates from PO of TKD, but PO could not be placed due to various reasons. Thus this requisition was dropped on 15-02-2019, since population of un-modified motor support increased from 46 Nos.to 89 Nos.

Recently on 04-07-2018, TM-3 (Traction Motor No.3) of loco No. 30382 of GZB Loco Shed, fallen down at DDU station of ECR/DDU division due to breakage of unmodified motor support of pivot sub assembly. Fortunately, speed being low, a major mishap has been averted. This has warned that unmodified motor supports are required to be replaced immediately to avoid re-occurrence of such failure.

At ELS/KYN there are 89 bogies of CLW/ Trade make of 3 phase locomotives which are having Pivot Sub Assembly having unmodified motor support as detailed in Annexure enclosed. These are to be modified on priority as per RDSO’s above letter.

RDSO vide Modification Sheet No. RDSO/2015/EL/MS/0443 dated 17-09-2015 stated agency for implementation as “Replacement work will be carried out by approved sources of three phase bogie (WAP-7/ WAG-9) in shed/ workshop premises”. There are only three approved sources on CLW’s approved vendor list valid upto 31-12-2019. (Copy enclosed). This work will be carried out through limited tender from CLW’s approved sources for 3 phase. Current list of CLW approved sources is as detailed below:

1. M/s Ved Sassomeccanica Pvt.Ltd.,
2. M/s Ashika Commercial Pvt. Ltd.
3. M/s Anup Malleable Ltd.

It is therefore requested to kindly accord technical approval to carry out the work of ““Replacement of Pivot Sub Assembly having unmodified motor support with modified motor support as per CLW’s Drg No. 1209-01.412.187 at Electric Loco Shed, Kalyan, Qty -89 bogies” on Limited Tender basis at divisional level as per Item No. 5 (ii) Of Model SOP Part A. The estimated cost of the work will be ` 1,39,73,000/- ( @ Rs 1,33,050.84 + 18% GST = Rs 1,57,000/-) based on the LAR taken from Sr.DMM/E Co Rly/ Waltair’s PO No. 30185966150788 dated 16-10-2018.

**(Hemant Jindal)**

**DEE(TRS) Kalyan (I/C)**

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| **मध्य रेल**  वरिष्ठ मंडल विद्युत अभियंता (कचस्टॉक) कार्यालय  विद्युत लोको शेड, कल्याण – ४२१ ३०१-  फोन / फैक्स:- 0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301.  Email :- srdeetrskyncrly@gmail.com |

No. KYN.RS.T.Trans.2010.5400 Pt II Date: 25.07.2019

CELE/ CSMT

**(Kind Attention : Shri G C Solanki, Dy CEE (EM)**

Sub: The work of Repair/ Rehabiliation, reconditioning, testing and supply

of transformers type HETT-5400 (copper coil type) for use in AC Locos

Ref : (i) Your letter No. L.253.AC.2011.TFP5400 dated 27-06-2019.

(ii) HQ’s LOA No. L.253.AC.2011.TFP5400 dated 01-12-2019.

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Vide above referred letter, confirmation of warranty obligations are asked against the subject contract executed by M/s High Volt Electricals (P) Ltd, Tarapur Industrial Area, Thane.

As mentioned in above letter, qty of 11 Nos. transformers were executed for ELS/Kalyan. 11th and last transformer was commissioned on locomotive on 15-12-2016, warranty of this last transformer has been expired on 14-12-2018.

Out of 11 transformers, one transformer No.2010341 received from firm on 07-11-2013 duly repaired, reconditioned was transferred to Sr.DEE/TRS/BRCY on 20-05-2014 vide letter No. TRC/BRCY/T/36 A dated 15-05-2014.

It is confirmed that there are no warranty obligations pending for 10 Nos. transformers against this contract from ELS/Kalyan side.

**(Hemant Jindal)**

**DEE(TRS) Kalyan (I/C)**

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No.ELSKYN/WKS/2019/06/ Pivot Modification Date: 16/07/2019

CELE/ CSMT

**(Kind Attention : Shri G C Solanki, Dy CEE (EM)**

Sub: HQ’s technical approval for works tender to be undertaken at divisional level

for the work of “Replacement of Pivot Sub Assembly having unmodified motor

support with modified motor support as per CLW’s Drg No. 1209-01.412.187 at

Electric Loco Shed, Kalyan, Qty- 89 bogies.

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As per RDSO’s Modification Sheet No. RDSO/2015/EL/MS/0443 Rev-0 dated 17-09-2015, Motor Support welded on Pivot Transom should be maintained as per RDSO’s SMI No. 280. However if the sheds are not able to maintain the motor support as per above SMI, the Motor Support on Pivot Transom should be replaced with new Motor Support as per CLW’s Drg No. 1209-01.412-187 along with Pivot Sub Assembly with inbuilt welded Pivot Pin. (Copy enclosed).

To replace the Pivot Sub Assembly with modified Motor Support, non stock requisition No.17395705 dated 09-05-2016 was processed for 46 sets taking rates from PO of TKD, but PO could not be placed due to various reasons. Thus this requisition was dropped on 15-02-2019, since population of un-modified motor support increased from 46 Nos.to 89 Nos.

Recently on 04-07-2018, TM-3 (Traction Motor No.3) of loco No. 30382 of GZB Loco Shed, fallen down at DDU station of ECR/DDU division due to breakage of unmodified motor support of pivot sub assembly. Fortunately, speed being low, a major mishap has been averted. This has warned that unmodified motor supports are required to be replaced immediately to avoid re-occurrence of such failure.

At ELS/KYN there are 89 bogies of CLW/ Trade make of 3 phase locomotives which are having Pivot Sub Assembly having unmodified motor support as detailed in Annexure enclosed. These are to be modified on priority as per RDSO’s above letter.

RDSO vide Modification Sheet No. RDSO/2015/EL/MS/0443 dated 17-09-2015 stated agency for implementation as “Replacement work will be carried out by approved sources of three phase bogie (WAP-7/ WAG-9) in shed/ workshop premises”. There are only three approved sources on CLW’s approved vendor list valid upto 31-12-2019. (Copy enclosed). This work will be carried out through limited tender from CLW’s approved sources for 3 phase. Current list of CLW approved sources is as detailed below:

1. M/s Ved Sassomeccanica Pvt.Ltd.,
2. M/s Ashika Commercial Pvt. Ltd.
3. M/s Anup Malleable Ltd.

It is therefore requested to kindly accord technical approval to carry out the work of ““Replacement of Pivot Sub Assembly having unmodified motor support with modified motor support as per CLW’s Drg No. 1209-01.412.187 at Electric Loco Shed, Kalyan, Qty -89 bogies” on Limited Tender basis at divisional level as per Item No. 5 (ii) Of Model SOP Part A. The estimated cost of the work will be ` 1,39,73,000/- ( @ Rs 1,33,050.84 + 18% GST = Rs 1,57,000/-) based on the LAR taken from Sr.DMM/E Co Rly/ Waltair’s PO No. 30185966150788 dated 16-10-2018.

**(Hemant Jindal)**

**DEE(TRS) Kalyan (I/C)**

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| मध्य रेल  वरिष्ठ मंडल विद्युत अभियंता (कचस्टॉक) कार्यालय  विद्युत लोको शेड, कल्याण – ४२१ ३०१-  फोन / फैक्स:- 0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301.  Email :- srdeetrskyncrly@gmail.com |

No. ELSKYN/WKS/2018/23/IGBT Date: 09-07-2019

CELE/ CSMT

**(Kind Attention : Shri G C Solanki, Dy CEE (EM)**

Sub: The LOA No.L.253.AC/AMC/SR-BUR/2018 dtd 18-12-2018 for comprehensive

maintenance contract of ABB make IGBT based traction converter & auxiliary converters fitted in 3 pphase locomotives of ELS/AQ for 3 years period

Ref : HQ’s letter No.L.253.AC.AMC/SR-BUR/2018 dated 01-07-2019

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With reference to above referred letter, requirement of ELS/KYN of ABB make IGBT based auxiliary converters to be covered under comprehensive maintenance contract is as under in requsite proforma.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| S.No. | Sl.No. of locomotives which are undergoing AMC | Date of handing over for AMC | Sl.No. of Locomotives which are yet to be handed over for AMC | Date of expiry of warranty period |
| 1 | Nil | Nil | 31467 | 24-03-2017 |
| 2 | 31469 | 28-02-2017 |

There are only 2 Nos. auxiliary converters of ABB make IGBT based in loco holding of ELS/KYN. It is requested to cover above 2 locos of ELS/KYN provided with 2 Nos. ABB make IGBT based Auxiliary Converters under subject mentioned existing contract of CAMC.

**(Hemant Jindal)**

**DEE(TRS) Kalyan (I/C)**

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| मध्य रेल  वरिष्ठ मंडल विद्युत अभियंता (कचस्टॉक) कार्यालय  विद्युत लोको शेड, कल्याण – ४२१ ३०१-  फोन / फैक्स:- 0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301.  Email :- srdeetrskyncrly@gmail.com |

No. ELSKYN/WKS/2019/03/Hot Axle Date: 01-06-2019

CELE/ CSMT

**(Kind Attention : Shri G C Solanki, Dy CEE (EM)**

Sub: HQ’s approval for technical specification for “Design, Supply, Installation, Configuration, Testing and Commissioning of the ON Board Locomotive Hot

Axle/ Traction Motor Detection System on WAG/ 9 type 3 phase locomotives

at Electric Loco Shed, Kalyan, Qty -02 Locos

Ref : (i) HQ’s letter No.L.253.AC.16.Vol – VI dated 26-02-2019

(ii) This office letter of even No. dated 13-03-2019 & 08-05-2019.

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In continuation of this office letter of even No. dated 08-05-19, as desired technical specification/ scope of work for subject mentioned work has been revised

A copy of the same duly signed by concerned SSE and officers is sent herewith for approval please.

As stated earlier, estimate for 2 locos at an estimated basic cost of Rs 25,23,516/- (excluding GST) plus GST as applicable duly concurred / vetted by Sr.DFM/CSMT has been sanctioned by competent authority.

Now open tender is to be invited for above work. It is therefore requested to accord HQ’s approval for Technical Specification/ Scope of work to enable this office to process NIT.

**(Hemant Jindal)**

**DEE(TRS) Kalyan**

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| मध्य रेल  वरिष्ठ मंडल विद्युत अभियंता (कचस्टॉक) कार्यालय  विद्युत लोको शेड, कल्याण – ४२१ ३०१-  फोन / फैक्स:- 0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301.  Email :- srdeetrskyncrly@gmail.com |

No. ELSKYN/WKS/2019/14/Air Conditioning Date: 27-05-2019

CELE/ CSMT

**(Kind Attention : Shri G C Solanki, Dy CEE (EM)**

Sub: HQ’s technical approval for (i) NS procurement of Air Conditioner Unit for Electric Locomotves as per RDSO’s Specficiation No. RDSO/2007/EL/Spec/0055 Rev 1 or latest from CLW’s approved sources, Qty – 01 Loco (ii) for works tender to be undertaken at divisional level for the work of “Erection, Tesitng and Commissioning of Air Conditioner Unit supplied by Railway for 01 WAG/7 type loco at Electric Loco Shed, Kalyan.

Ref : (i) HQ’s letter No.L.253.AC.06. dated 11-05-2018

(ii) Rly Board’s letter No.2000/Elect(TRS)/440/18/15 dated 17-04-2018.

**\*\*\*\***

As per above correspondence, provision of air conditionining system on electric loco cab is to be made in order to reduce fatigue level of loco pilot on run in extreme whether condition and to improve their working condition.

In this context, ELW/ BSL has provided air conditioning system on loco No.27109 of ELS/KYN by excersing variation in their existing contract for “ Design, Supply, Erection, Testing and Commissioning of Crew Friendly Cabs on Electric Locos at ELW/BSL” vide LOA No.BSL/ELW/Tender/2015-16/23 dtd 15-04-2016.

As deciced in HQ’s conference, work for provision of air conditionining system on one electric loco is to be carried out at Electric Loco Shed, Kalyan. For carrying out this work, air conditioning unit will be procured through NS requisition and work of erection, testing and commissioning of the same will be carried out thorugh works contract.

The estimated cost for provision of air conditionining system on one electric loco will be as under:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Sr.  No | Description | Qty | Rate | Value | Reference |
| 1 | Air Conditioner Unit for Electric Locomotives as per RDSO’s specification No. RDSO/2007/ EL/Spec/0055 Rev 1 or latest. Material to be procured from CLW approved sources of Cab Air Conditioning System only. | 2 Nos. | 2,88,000/- | 5,76,000/- | P O No. 561864231 00042 dtd 14-01-2019. |
| 2 | Erection, Testing and Commissioning of air conditioning system supplied by Railway in both cabs of WAG/7 type loco. | 2 Nos. | 4,83,439/- | 9,66,878/- | Item No. 15 of variation statement for LOA No. BSL/ELW/ Tender/2015-16/23 dated 15-04-2016. |
|  |  |  | TOTAL | 15,42,878/- |  |

It is therefore requested to kindly accord technical approval to carry out the work of provision of air conditionining system on one electric loco by procurement of air conditioner unit through NS requisition from CLW’s approved sources as per RDSO’s specification No. RDSO/2007/ EL/ Spec/ 0055 Rev 1 or latest and for “Erection, Testing and Commissioning of air conditioning system supplied by Railway in both cabs of WAG/7 type loco” through works contract on Open Tender basis at divisional level.

**(Hemant Jindal)**

**DEE(TRS) Kalyan**

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| मध्य रेल  वरिष्ठ मंडल विद्युत अभियंता (कचस्टॉक) कार्यालय  विद्युत लोको शेड, कल्याण – ४२१ ३०१-  फोन / फैक्स:- 0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301.  Email :- srdeetrskyncrly@gmail.com |

No. ELSKYN/WKS/2019/14/Air Conditioning Date: 27-05-2019

CELE/ CSMT

**(Kind Attention : Shri G C Solanki, Dy CEE (EM)**

Sub: HQ’s technical approval for (i) NS procurement of Air Conditioner Unit for Electric Locomotves as per RDSO’s Specficiation No. RDSO/2007/EL/Spec/0055 Rev 1 or latest from CLW’s approved sources, Qty – 01 Loco (ii) for works tender to be undertaken at divisional level for the work of “Erection, Tesitng and Commissioning of Air Conditioner Unit supplied by Railway for 01 WAG/7 type loco at Electric Loco Shed, Kalyan.

Ref : (i) HQ’s letter No.L.253.AC.06. dated 11-05-2018

(ii) Rly Board’s letter No.2000/Elect(TRS)/440/18/15 dated 17-04-2018.

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As per above correspondence, provision of air conditionining system on electric loco cab is to be made in order to reduce fatigue level of loco pilot on run in extreme whether condition and to improve their working condition.

In this context, ELW/ BSL has provided air conditioning system on loco No.27109 of ELS/KYN by excersing variation in their existing contract for “ Design, Supply, Erection, Testing and Commissioning of Crew Friendly Cabs on Electric Locos at ELW/BSL” vide LOA No.BSL/ELW/Tender/2015-16/23 dtd 15-04-2016.

As deciced in HQ’s conference, work for provision of air conditionining system on one electric loco is to be carried out at Electric Loco Shed, Kalyan. For carrying out this work, air conditioning unit will be procured through NS requisition and work of erection, testing and commissioning of the same will be carried out thorugh works contract.

The estimated cost for provision of air conditionining system on one electric loco will be as under:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Sr.  No | Description | Qty | Rate | Value | Reference |
| 1 | Air Conditioner Unit for Electric Locomotives as per RDSO’s specification No. RDSO/2007/ EL/Spec/0055 Rev 1 or latest. Material to be procured from CLW approved sources of Cab Air Conditioning System only. | 2 Nos. | 2,88,000/- | 5,76,000/- | P O No. 561864231 00042 dtd 14-01-2019. |
| 2 | Erection, Testing and Commissioning of air conditioning system supplied by Railway in both cabs of WAG/7 type loco. | 2 Nos. | 4,83,439/- | 9,66,878/- | Item No. 15 of variation statement for LOA No. BSL/ELW/ Tender/2015-16/23 dated 15-04-2016. |
|  |  |  | TOTAL | 15,42,878/- |  |

It is therefore requested to kindly accord technical approval to carry out the work of provision of air conditionining system on one electric loco by procurement of air conditioner unit through NS requisition from CLW’s approved sources as per RDSO’s specification No. RDSO/2007/ EL/ Spec/ 0055 Rev 1 or latest and for “Erection, Testing and Commissioning of air conditioning system supplied by Railway in both cabs of WAG/7 type loco” through works contract on Open Tender basis at divisional level.

**(Hemant Jindal)**

**DEE(TRS) Kalyan**

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| मध्य रेल  वरिष्ठ मंडल विद्युत अभियंता (कचस्टॉक) कार्यालय  विद्युत लोको शेड, कल्याण – ४२१ ३०१-  फोन / फैक्स:- 0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301.  Email :- srdeetrskyncrly@gmail.com |

No.: ELSKYN/WKS/2018/34/Retrofitment Date: 11-05-2019

CELE/ CSMT

**(Kind Attention : Shri G C Solanki, Dy CEE (EM)**

Sub: Administrative approval for works tender to be undertaken at divisional level

and approval for technical specification of the work of “Supply, Installation and Commissioning of 2 x 130 KVA SIV as retrofitment of Alstom make 180 KVA

Static Converter Unit in AC/DC Locomotives.

Ref : i) Your letter No.L.253.AC/Div-Work dated 15-04-2019

ii) This office letter of even No. dated 14-02-2018

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With reference to subject mentioned work, following compliances are made on the observations raised vide above mentioned letter.

As subject work involves installation and commissioning of 2 x 130 kVA SIV which require software modification, this work can only be done by OEM/ RDSO/CLW’s approved sources or their authorized dealers for 180 kVA SIV, Traction Converter, Auxiliary Converter and Hotel Load Converters. Hence supply of 2x130 kVA SIV and its installatio, commissioning on locomotive will be done by OEM/ RDSO/CLW’s approved sources or their authorized dealers only.

Relevant para in specification and scope of work has been re-framed accordingly and sent herewith.

It is once again requested to kindly accord approval to the technical specification for subject work as well as approval to carry out the same through works contract on Open Tender basis at divisional level.

(Hemant Jindal)

DEE (TRS) Kalyan

For Sr..DEE(TRS)Kalyan

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No. ELSKYN/WKS/2019/03/Hot Axle Date: 08-05-2019

CELE/ CSMT

**(Kind Attention : Shri G C Solanki, Dy CEE (EM)**

Sub: HQ’s approval for specification and for definition of similar work for “Design, Supply, Installation, Configuration, Testing and Commissioning of the

ON Board Locomotive Hot Axle/ Traction Motor Detection System on WAG/9

type 3 phase locomotives at Electric Loco Shed, Kalyan, Qty -05 Locos

Ref : (i) HQ’s letter No.L.253.AC.16.Vol – VI dated 26-02-2019

(ii) This office letter of even No. dated 13-03-2019.

**\*\*\*\***

Please connect this office letter referred at Sr. No. (ii) vide which HQ’s approval for definition of similar work as well as scope of work/ specification for subject mentioned work was asked.

Proposal was processed for Sr.DFM/CSMT’s concurrence and veting for “ON Board Locomotive Hot Axle/ Traction Motor Detection System” on 5 locos at an estimated cost of Rs 74,44,372/- (including GST). However Sr.DFM/CSMT has concurred the proposal for 2 locos at an estimated basic cost of Rs 25,23,516/- (excluding GST) plus GST as applicable vide letter No.BB/AC/FX/I/Prop/28962 dated 23-04-2019. Accordingly estimate duly vetted by Sr.DFM/CSMT has been sanctioned by competent authority. (Copies enclosed).

Now open tender is to be invited for above work. As sanctioned cost is less than Rs 50 lakhs, approval of definition of similar nature of work is not required now. However it is requested to accord HQ’s approval for scope of work/ specifications already submitted vide this office letter referred above to enable this office to process NIT.

**(Hemant Jindal)**

**DEE(TRS) Kalyan**

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| मध्य रेल  वरिष्ठ मंडल विद्युत अभियंता (कचस्टॉक) कार्यालय  विद्युत लोको शेड, कल्याण – ४२१ ३०१-  फोन / फैक्स:- 0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301.  Email :- srdeetrskyncrly@gmail.com |

No.: ELS/KYN/WKS/2018/23/IGBT/ABB Date: 13-03-2019

CELE/ CSMT

**(Kind Attention : Shri G C Solanki, Dy CEE (EM)**

Sub: HQ’s LOA No. L.253.AC/AMC/SR-BUR/2018 dated 18-12-2018 for

Comprehensive maintenance contract of ABB make IGBT based traction

converter & auxiliary converters fitted in 3 phase locomotives of ELS/AQ

for 3 years period

**(Inclusion of 2 Nos. qty pertaining to ELS/KYN under variation option)**

**\*\*\*\***

ELS/KYN is maintaining 67 Nos. 3 phase locomotives that are fitted with various make IGBT based Traction Converter (TC), GTO/ IGBT based Auxiliary Converters (BUR) and TCN/ MICAS based Vehicle Control Unit (VCU).

ABB make IGBT based Auxiliary Converters (BUR) are provided only in 2 locos based on ELS/KYN. Loco wise details having ABB make Auxiliary Converters are as follows

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| S.No. | Loco No. | Auxiliary Converter S.No. | P O NO. | Comm. Date | Warranty completion date |
| 1 | 31467 | 14 & 14 | 70/13/1115/09018 | 25-03-2014 | 24-03-2017 |
| 2 | 31469 | 13 & 13 | 70/13/1115/09018 | 01-03-2014 | 28-02-2017 |

As on date above Auxiliary Converters are maintained departmentally. The required spares are being procured through Non Stock. For holding of only 2 locos, the inventory cost is uneconomical to maintain minimum required spares. Also ELS/KYN is not having adequate facilities and technical expertise to maintain such type of technologically high equipments.

It is therefore proposed to enter into AMC with OEM M/s ABB for maintenance of ABB make IGBT based Auxiliary Coneverter to ensure reliability of equipment.

A works contract for similar work is recently awarded to M/s ABB India Ltd, Banglore vide LOA No.L.253.AC/AMC/SR-BUR/2018 dated 18/12/2018. Based on the accepted rates, total cost of work for 2 Locos of ELS/KYN will be Rs 10,52,560/- as detailed under:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Item No. | Description | Qty | Unit | Unite Rate per year per loco (Rs) | Total Cost (Rs) |
| 1 | AMC of ABB make IGBT based Auxiliary Converters |  |  |  |  |
| a | Locos under AMC in 1st year | 2 | Locos | 1,47,000 | 2,94,000 |
| b | Locos under AMC in 2nd year | 2 | Locos | 1,49,000 | 2,98,000 |
| c | Locos under AMC in 3rd year | 2 | Locos | 1,50,000 | 3,00,000 |
| 2 | Total |  |  |  | 8,92,000 |
| 3 | GST @ 18% |  |  |  | 1,60,560 |
| 4 | Gross Total |  |  |  | 10,52,560 |

It is requested to include ELS/KYN’s quantity of 2 locos in above mentioned contract. Necessary debits will be accepted by this office.

**(Anubhav Varshney)**

**Sr.DEE(TRS) Kalyan**

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| मध्य रेल  वरिष्ठ मंडल विद्युत अभियंता (कचस्टॉक) कार्यालय  विद्युत लोको शेड, कल्याण – ४२१ ३०१-  फोन / फैक्स:- 0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301.  Email :- srdeetrskyncrly@gmail.com |

No. ELSKYN/WKS/2019/03/Hot Axle Date: 13-03-2019

CELE/ CSMT

**(Kind Attention : Shri G C Solanki, Dy CEE (EM)**

Sub: HQ’s approval for specification and for definition of similar work for “Design, Supply, Installation, Configuration, Testing and Commissioning of the

ON Board Locomotive Hot Axle/ Traction Motor Detection System on WAG/9

type 3 phase locomotives at Electric Loco Shed, Kalyan, Qty -05 Locos

Ref : HQ’s letter No.L.253.AC.16.Vol – VI dated 26-02-2019

**\*\*\*\***

PCEE’s approval to provide “On board locomotive Hot Axle/ Traction Motor Detection System” at ELS/KYN on 05 Electric Locomotives has been accorded vide letter No. L.253.AC.16. Vol – VI dated 26-02-2019.

Accordingly proposal and detailed estimate amounting to Rs 74,44,372/- has been prepared and sent to Sr.DFM/CSMT for concurrence and vetting.

As the cost of this work is more than Rs 50 lakh, minimum eligibility criteria will be applicable for which definition of similar work is proposed to be as under:

**“ Manufacture/ Supply” OR CLW/RDSO’s Approved Sources OR “Repair/ Rehabilitation” of ESMON/ VCD/ MPCS/ SIV/ Traction Converter/ Auxiliary Converter/ Control Electronics/ GPS based Equipments/ RFID/ PCB Cards of any of these equipments of any kind of Rolling Stock in Indian Railways.**

While according approval for said work vide above mentioned letter, PCEE has directed to ensure proper agency and reasonableness of rates. Hence above definition of similar work is proposed in a broad manner to explore more agencies.

Further specification/ scope of work for subject work have also been prepared. The same is sent herewith for approval.

It is therefore requested to accord HQ’s approval for above definition of similar work and also approve the scope of work so that open tenders can be invited for subject work.

**(Anubhav Varshney)**

**Sr.DEE(TRS) Kalyan**

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| मध्य रेल  वरिष्ठ मंडल विद्युत अभियंता (कचस्टॉक) कार्यालय  विद्युत लोको शेड, कल्याण – ४२१ ३०१-  फोन / फैक्स:- 0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301.  Email :- srdeetrskyncrly@gmail.com |

No.: ELSKYN/WKS/2018/34/Retrofitment Date: 12-03-2019

CELE/ CSMT

**(Kind Attention : Shri G C Solanki, Dy CEE (EM)**

Sub: Administrative approval for works tender to be undertaken at divisional level

and approval for technical specification of the work of “Supply, Installation and Commissioning of 2 x 130 KVA SIV as retrofitment of Alstom make 180 KVA

Static Converter Unit in AC/DC Locomotives.

Ref : Your letter No.L.253.AC/Div-Work dated 22-02-2019

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With reference to subject mentioned work following compliances are made on the observations raised vide above mentioned letter.

1. 2x130 kVA SIV shall be supplied by RDSO/CLW approved sources for 180 kVA SIV, Traction Converter, Auxiliary Converter and Hotel load converters or their authorized dealers only. This has been added under para 1.8. Agency for supply i.e. contractor has been mentioned in para 1.8.1 of specification.
2. RDSO’s specification can not be referred directly as tender specification due to following deviations:

* RDSO’s specification is for conventional locomotives whose auxiliary voltage is 830 V whereas AC/DC locomotives auxiliary winding voltage is 1000 V.
* Input power arrangement is different for both locomotives as earthing capacitor panels and R-C damping panels has different configuration.
* Space available for fitment of converters is different as SIV of conventional locos is rectangular cubicle whereas SIV of AC/DC is a ‘L’ shaped cubicle.

1. Scope has been clearly spelt out about Railway’s and Contractor’s portion of work in para 1.8.1 and 1.8.2 respectively.
2. The details material supply and replacement are now mentioned in 1.8.1 & 1.8.2.
3. All details of Test / Inspection have been adopted from RDSO’s specification which are specified at clause No.4 of specification (from page No. 9 to 11).

It is once again requested to kindly accord approval to the technical specification attached for subject work as well as approval to carry out the same through works contract on Open Tender basis at divisional level.

(Anubhav Varshney)

Sr.DEE(TRS)Kalyan

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| मध्य रेल  वरिष्ठ मंडल विद्युत अभियंता (कचस्टॉक) कार्यालय  विद्युत लोको शेड, कल्याण – ४२१ ३०१-  फोन / फैक्स:- 0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301.  Email :- srdeetrskyncrly@gmail.com |

No. ELSKYN/WKS/Tender Date: 08-03-2019

CELE/ CSMT

**(Kind Attention : Shri G C Solanki, Dy CEE (EM)**

Sub: Mechanism to monitor closure of Contracts.

Ref : Dy CVO (Engg)’s letter No.G.130/2017/12/Misc/V4/V.Con dated 21-02-2019

addressed to all PHODs.

**\*\*\*\***

With reference to above letter, it is stated that there is no works contract pertaining to ELS/KYN where the currency (original/ extended) has expired prior to 30th June 2018 and not extended till date. Also there are no old such cases which have lost sight. Hence a Nil statement is sent herewith.

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| --- | --- | --- | --- | --- | --- | --- |
| S.No. | Department | Awarded/ revised value | Date of issue of Letter of Acceptance | Original/ extended of currency expired (on prior to  30-06-2018) | Status of work at site as on date (% of work incompleted | Remarks if any |
| 1. | Elect (TRS) | --NIL-- | | | | |

(Anubhav Varshney)

Sr.DEE (TRS) Kalyan

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| मध्य रेल  वरिष्ठ मंडल विद्युत अभियंता (कचस्टॉक) कार्यालय  विद्युत लोको शेड, कल्याण – ४२१ ३०१-  फोन / फैक्स:- 0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301.  Email :- srdeetrskyncrly@gmail.com |

No. ELSKYN/WKS/2019/03/Hot Axle Date: 12-03-2019

CELE/ CSMT

**(Kind Attention : Shri G C Solanki, Dy CEE (EM)**

Sub: Design, Supply, Installation, Configuration, Testing and Commissioning of the

ON Board Locomotive Hot Axle/ Traction Motor Detection System on WAG/9

type 3 phase locomotives at Electric Loco Shed, Kalyan, Qty -05 Locos

Ref : HQ’s letter No.L.253.AC.16.Vol – VI dated 26-02-2019

**\*\*\*\***

PCEE’s approval to provide “On board locomotive Hot Axle/ Traction Motor Detection System” at ELS/KYN on 05 Electric Locomotives has been received vide letter No. L.253.AC.16. Vol – VI dated 26-02-2019.

In this connection it is stated that as per HQ’s directives, this system was provided on loco No. 31364, WAG/9 on 23-07-2018 on trial basis by M/s Technocraft Electrodyne LLP, Navi Mumbai. The “Integrared on board locomotive hot Axle/ Traction Motor detection system” provided on locomotive is working satisfactorily and no abnormality logged on loco log book also. The performance report of the same was sent to your office vide this office letter No. ELS/KYN.Tech.125.A. dated 22.09.2018. Thus trial of a systm for such requirement is already done.

In view of the above PCEE’s approval for provision of above system on 05 ELS/KYN based Electric Locomotives on trial basis may kindly be reviewed and communicated to this office.

(Anubhav Varshney)

Sr.DEE (TRS) Kalyan

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| **मध्य रेल**  वरिष्ठ मंडल विद्युत अभियंता (कचस्टॉक) कार्यालय  विद्युत लोको शेड, कल्याण – ४२१ ३०१-  फोन / फैक्स:- 0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301.  Email :- srdeetrskyncrly@gmail.com |

No.ELSKYN/WKS/2014/17/SL Repair Date: 05-03-2019

**CELE/ CSMT**

**(Kind Attention : Shri G C Solanki, Dy CEE (EM)**

Sub: The work of “Reconditioning/ rehabilitation of reactor (SL) of electric locos

including RDSO’s all latest SMIs & modifications.

Ref : (i) HQ’s LOA No. L.253.AC.2013/SL dated 08-12-2015.

(ii) HQ’s letter No. L.253.AC.2013/SL dated 18-02-2019

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Vide above reference, physical completion report for the contract awarded to M/s Saini Electrical & Engineering Works, A/751/1, TTC Industrial Area, MIDC, Pawne, Navi Mumbai. in the requisite performa is under:

Qty executed for ELS/KYN is 31 Nos. The details are as under.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Year of execution | Qty | Total Gross & Net Payment | S D Retained | Date of physical completion | Remarks |
| 2016-17 | 31 Nos. | Gross  ` 1,46,32,021/-  Net  ` 1,26,86,379/- | ` 14,63,200/- | 22-12-17 | Last lot of 6 Nos. reactors (SL) was received on 06-12-2017 and accepted on 22-12-17. |

(Anubhav Varshney)

Sr.DEE(TRS) Kalyan

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| मध्य रेल  वरिष्ठ मंडल विद्युत अभियंता (कचस्टॉक) कार्यालय  विद्युत लोको शेड, कल्याण – ४२१ ३०१-  फोन / फैक्स:- 0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301.  Email :- srdeetrskyncrly@gmail.com |

No. ELSKYN/WKS/2019/03/Hot Axle Date: 13-02-2019

CELE/ CSMT

**(Kind Attention : Shri G C Solanki, Dy CEE (EM)**

Sub: Design, Supply, Installation, Configuration, Testing and Commissioning of the

ON Board Locomotive Hot Axle/ Traction Motor Detection System on WAG/9

type 3 phase locomotives at Electric Loco Shed, Kalyan, Qty -05 Locos

Ref : (i) HQ’s letter No.L.253.AC.16.Vol – VI dated 28-12-2018

(ii) This office’s letter No.ELS/KYN.Tech.125.A. dated 22.09.2018

**\*\*\*\***

PCEE’s approval to provide “On board locomotive Hot Axle/ Traction Motor Detection System” at ELS/KYN on 05 Electric Locomotives on trial basis has been received vide letter No. L.253.AC.16.Vol – VI dated 28-12-2018

In this connection it is stated that as per HQ’s directives, this system was provided on loco No. 31364, WAG/9 on 23-07-2018 on trial basis by M/s Technocraft Electrodyne LLP, Navi Mumbai. The “Integrared on board locomotive hot Axle/ Traction Motor detection system” provided on locomotive is working satisfactorily and no abnormality logged on loco log book also. The performance report of the same was sent to your office vide this office letter No. ELS/KYN.Tech.125.A. dated 22.09.2018. Thus trial of a systm for such requirement is already done.

In view of the above PCEE’s approval for provision of above system on 05 ELS/KYN based Electric Locomotives on trial basis may kindly be reviewed and communicated to this office.

(Anubhav Varshney)

Sr.DEE (TRS) Kalyan

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| मध्य रेल  वरिष्ठ मंडल विद्युत अभियंता (कचस्टॉक) कार्यालय  विद्युत लोको शेड, कल्याण – ४२१ ३०१-  फोन / फैक्स:- 0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301.  Email :- srdeetrskyncrly@gmail.com |

No.: ELSKYN/WKS/2018/34/Retrofitment Date: 14-02-2018

CELE/ CSMT

**(Kind Attention : Shri G C Solanki, Dy CEE (EM)**

Sub: Administrative approval for works tender to be undertaken at divisional level

and approval for technical specification of the work of “Supply, Installation and Commissioning of 2 x 130 KVA SIV as retrofitment of Alstom make 180 KVA

Static Converter Unit in AC/DC Locomotives.

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In 38th MSG meeting held at Secundrabad, SCR on 28th, 29th July 2017, issue of poor reliability of static converters was discussed and it was suggested to explore the feasibility of using BUR 2 & BUR 3 i.e. 2 x 130 kVA SIV in place of existing Static Converters by suitably modifying the software. This will help in complete redundancy, whereby in case of failure of one BUR, train can be worked with other BUR. It may be also possible to switch the load of one BUR to another BUR in case of failure with reduced frequency to ensure the full functionality of locomotive with reduced power. Railway Board has accepted the same.

In accordance with above proposal, retrofitment of 2 x 130 kVA SIV was implemented in Loco No. 22714 (WAP-4 type) on 17-05-2018 at Electric Loco Shed, Lalaguda. The performance of replaced 2x130 kVA SIV has been found satisfactory after observing one month working on line.

RDSO has issued specification for single phase to three phase 2 x 130 kVA SIV vide letter No. EL/1.2.9.1 dated 10-07-2018.

In view of the above a proposal and detailed estimate for “Supply, Installation and Commissioning of 2 x 130 KVA SIV as retrofitment of Alstom make 180 KVA Static Converter Unit in 01 AC/DC Locomotives” has been concurred and vetted by Sr.DFM/CSMT vide letter No. AC/BB/FX/I/TRS/Prop/27169 dated 06-12-2018 at a total cost of Rs 33,00,000/- plus applicable GST. The estimate has been sanctioned by Sr.DEE(TRS)KYN i.e. JAG Officer in terms of item No. 2 (C ) of Model SOP 2018 Part A as concurred by A/cs.

Now open tender is to be invited for the subject work. Technical specification for the said work based on RDSO’s specification has been prepared. The same is sent herewith for approval.

It is requested to kindly accord approval to the technical specification attached for subject work as well as approval to carry out the same through works contract on Open Tender basis at divisional level.

(Anubhav Varshney)

Sr.DEE(TRS)Kalyan

DA : Copy of Specification

: Copy of sanctioned estimate

: Copy Sr.DFM’s Concurrence letter.

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| मध्य रेल  वरिष्ठ मंडल विद्युत अभियंता (कचस्टॉक) कार्यालय  विद्युत लोको शेड, कल्याण – ४२१ ३०१-  फोन / फैक्स:- 0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301.  Email :- srdeetrskyncrly@gmail.com |

No.: ELS/KYN/WKS/2018/23/IGBT/ABB Date: 22-01-2019

CELE/ CSMT

**(Kind Attention : Shri G C Solanki, Dy CEE (EM)**

Sub: HQ’s LOA No. L.253.AC/AMC/SR-BUR/2018 dated 18-12-2018 for

Comprehensive maintenance contract of ABB make IGBT based traction converter & auxiliary converters fitted in 3 phase locomotives of ELS/AQ for 3 years period

**(Inclusion of 2 Nos. qty pertaining to ELS/KYN under variation option)**

**\*\*\*\***

ELS/KYN is maintaining 67 Nos. 3 phase locomotives that are fitted with various make IGBT based Traction Converter (TC), GTO/ IGBT based Auxiliary Converters (BUR) and TCN/ MICAS based Vehicle Control Unit (VCU).

ABB make IGBT bases Auxiliary Converters (BUR) are provided only in 2 locos based on ELS/KYN. Loco wise details having ABB make Auxiliary Converters are as follows

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| S.No. | Loco No. | Auxiliary Converter S.No. | P O NO. | Comm. Date | Warranty completion date |
| 1 | 31467 | 14 & 14 | 70/13/1115/09018 | 25-03-2014 | 24-03-2017 |
| 2 | 31469 | 13 & 13 | 70/13/1115/09018 | 01-03-2014 | 28-02-2017 |

As on date above Auxiliary Converters are maintained departmentally. The required spares are being procured through Non Stock. For holding of only 2 locos, the inventory cost is uneconomical to maintain minimum required spares. Also ELS/KYN is not having adequate facilities and technical expertise to maintain such type of highly technical equipments.

It is therefore proposed to enter into AMC with OEM M/s ABB for maintenance of ABB make IGBT based Auxiliary Coneverter to ensure reliability of equipment.

A works contract for similar work is recently awarded to M/s ABB India Ltd, Banglore vide LOA No.L.253.AC/AMC/SR-BUR/2018 dated 18/12/2018. Based on the accepted rates, total cost of work for 2 Locos of ELS/KYN will be Rs as detailed under:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Item No. | Description | Qty | Unit | Unite Rate per year per loco (Rs) | Total Cost (Rs) |
| 1 | AMC of ABB make IGBT based Auxiliary Converters |  |  |  |  |
| a | Locos under AMC in 1st year | 2 | Locos | 1,47,000 | 2,94,000 |
| b | Locos under AMC in 2nd year | 2 | Locos | 1,49,000 | 2,98,000 |
| c | Locos under AMC in 3rd year | 2 | Locos | 1,50,000 | 3,00,000 |
| 2 | Total |  |  |  | 8,92,000 |
| 3 | GST @ 18% |  |  |  | 1,60,560 |
| 4 | Gross Total |  |  |  | 10,52,560 |

It is requested to include ELS/KYN’s quantity of 2 locos in above mentioned contract. Necessary debits will be accepted by this office.

**(Anubhav Varshney)**

**Sr.DEE(TRS) Kalyan**

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| मध्य रेल  वरिष्ठ मंडल विद्युत अभियंता (कचस्टॉक) कार्यालय  विद्युत लोको शेड, कल्याण – ४२१ ३०१-  फोन / फैक्स:- 0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301.  Email :- srdeetrskyncrly@gmail.com |

No.: ELS/KYN/WKS/2017/17/TM Date: 17-01-2018

CELE/ CSMT

**(Kind Attention : Shri G C Solanki, Dy CEE (EM)**

Sub: HQ’s approval for specification for “Dismantling, Cleaning, Baking & Varnishing of complete traction motors of conventional and three phase Electric Locos including dismantling & cleaning of brush holder of TM type HS 15250 A & TAOCHI and Blowing of SL and Traction Motor of schedule locos for two years at ELS/KYN.

Ref: (i) Your letter No.L.253.AC/Div-Work dated 07-01-2018.

(ii) This office letter of even No.dated 11-12-2018

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Subject mentioned proposal was sent for approval of definition of similar work and specification vide this office letter reffered at Sr.No. (ii).

Approval for similar definition of single similar work has been received vide your office ketter referred at Sr.No.(i). However, HQ’s approval for technical specification is not received.

Technical specification and details of the work prepared on the basis of similar

work being carried out at ELS/Erode, Itarsi and BSL is resubmitted herewith.

It is requested to accord HQ’s approval for technical specification and scope of work so that open tenders can be invited for the subject work.

**(Anubhav Varshney)**

**Sr.DEE(TRS) Kalyan**

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| **मध्य रेल**  वरिष्ठ मंडल विद्युत अभियंता (कचस्टॉक) कार्यालय  विद्युत लोको शेड, कल्याण – ४२१ ३०१-  फोन / फैक्स:- 0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301.  Email :- srdeetrskyncrly@gmail.com |

No. ELSKYN/T/239/UFWL/AMC/2010 Date: 08.01.2019

CELE/ CSMT

**(Kind Attention : Shri G C Solanki, Dy CEE (EM)**

Sub: LOA No. L.253.AC.2011/PWL dated 31-01-2012 for “Annual Maintenance

Contract of Under Floor Pit Wheel Lathe model LUW 170 B at Electric Loco

Shed, Ajni-Nagpur and Kalyan of Central Railway for two years.

Ref: Your letter No.L.253.AC.2011/PWL dated 04-01-2019.

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With reference to your above referred letter, it is confirmed that subject work for the above contract awarded to M/s RCR Solutions, Vidyavihar (W), Mumbai pertaining to ELS/KYN’s machine was physically completed on 26-04-2017.

Vide Para No. 14.2 of LOA, replaced spare parts are covered under warranty period of 18 months from the date of its fitment.

As work has been completed in all manners on 26-04-2017, its warranty of 18 months has also been expired on 25-10-2018. It is therefore confirmed that no warrnaty obligation are pending against subject contract.

**(Anubhav Varshney)**

**Sr.DEE(TRS) Kalyan**

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| मध्य रेल  वरिष्ठ मंडल विद्युत अभियंता (कचस्टॉक) कार्यालय  विद्युत लोको शेड, कल्याण – ४२१ ३०१-  फोन / फैक्स:- 0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301.  Email :- srdeetrskyncrly@gmail.com |

No.: ELS/KYN/WKS/2018/52/WFL Date: 19-12-2018

CELE/ CSMT

**(Kind Attention : Shri G C Solanki, Dy CEE (EM)**

Sub: Design, Supply, Erection, Testing and Commissioning of Wheel Flange

Lubrication System on WAG-7 type Electric Locomotives.

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WAG-7 Locos are working as Banker Locos in NE & SE Ghat Section. Unscheduled arising of these locos due to flange wear is on higher side in comparision of other freight locos, especially in monsoon. The Limit of wheel flange wear is max 3 mm. During monsoon, wheel flanges worn out to 3 mm within a short period of 02 months since manual lubrication provided on Rail by P/Way Staff is ineffective during monsoon. To overcome this problem, it is proposed to provide Wheel Flange Lubrication on Banker Locos.

The average life of wheel of locos working on Goods / Passenger service is more than 07 years whereas the average wheel life of banker locos is only 30 months. After 30 months wheel discs are requird to be replaced. This is due to Steep gradient and curvature in the Ghat Section. By providing Wheel Flange Lubrication on Banker Locos the wheel life can be increased to some extent, also can avoid unscheduled withdrawal of Locos for Tyre Turning during Monsoon.

20 sets Wheel Flange Lubrication System of REBS Lubrication India Pvt. Ltd fitted on EMU rakes by Sanpada Carshed at cost of Rs 35,01,533/- vide LOA no SNPD/RS/WK/18/01 dated 24/05/2018 and is working satisfactorily. Hence it is proposed to provide Wheel Flange Lubrication System on Locos working in SE and NE Banker. By providing this system frequency of tyre turning will be reduced thus life of wheel will be increased. As downtime required for wheel turning will be reduced, availability of locomotives in service will be increased.

It is therefore requested to accord HQ’s approval for provision of wheel flange lubrication system on WAG/7 locos deployed in banker services.

**(Anubhav Varshney)**

**Sr.DEE(TRS) Kalyan**

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| मध्य रेल  वरिष्ठ मंडल विद्युत अभियंता (कचस्टॉक) कार्यालय  विद्युत लोको शेड, कल्याण – ४२१ ३०१-  फोन / फैक्स:- 0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301.  Email :- srdeetrskyncrly@gmail.com |

No.: ELS/KYN/WKS/2017/21/Bogie Dismantling Date: 18-12-2018

CELE/ CSMT

**(Kind Attention : Shri G C Solanki, Dy CEE (EM)**

Sub: Dismantling and Cleaning of bogie and its components and filling of sand in

sand boxes of Electric Locomotives at Electric Loco Shed, Kalyan for 2 years.

Ref: Your letter No.L.253.AC/Div-Work dated 23-04-2018.

.**\*\*\*\***

HQ vide letter No.L.253.AC/Div-Work dated 23-04-2018 has approved following Definition of similar work for subject mentioned work.

“Manufacture & Supply” OR “Repair/ rehabilitation/ overhauling” of bogies of locomotives/EMU/Rail Coaches/ Wagons.

Further Technical specification for above work was approved by HQ vide letter No, L.253.AC/Div-Work dated 27-07-2018.

With the above definition of similar work, open tender was first time opened 20-09-2018. No bid was received. Further this was opened second time on 30-10-2018. In this tender, only one bid of M/s J.B.Contractor-Nagpur was received which is not technically suitable as the firm is not fulfilling criteria for similar work. Hence this tender has been discharged in absence of any suitable offcer.

On discussion with manufacturer of bogies or the firms who are carrying out repair/ overhauling of bogies, it appears that they are not interested to carry out such minor work of dismantling/ cleaning of bogies deploying their staff at shed premises. Hence they are not interested in this work.

It is therefore necessary to review similar definition of the work for exploring more firms who can carry out subject work.

Due to vacancies, superannuation of staff at regular interval, optimal performance of maintenance activities are not possible hence this activity which is not directly linked with safe working of Locomotives is proposed to be outsourced. Due to this Rly Staff can be deployed for other important maintenance activities of locos. Proposed work is not a specialised work but general type of work having dismantling, cleaning, shifting of components in concerned section and will require semiskilled/ unskilled manpower.

A proposal and detailed estimate No. ELSKYN/WKS.2017/13 has been sanctioned for “Dismantling, and Cleaning of Bogie and its components and filling of sand in sand boxes of electric locomotives at ELS/Kalyan for two years” at a total cost of Rs. 70,09,814/- (inclusive of GST).

In view of the above following revised definition for similar work is proposed:

**“The repair/ overhauling/ maintenance/ cleaning of items/ components/ parts of Electric/ Diesel Locomotive OR EMU/DEMU OR Coaches/ Wagons OR Track Machines/ Tower Wagons OR any Rail Carriage”**

It is therefore requested to accord HQ’s approval for above revised definition of similar work so that open tenders can be invited for subject work.

**(Anubhav Varshney)**

**Sr.DEE(TRS) Kalyan**

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| **मध्य रेल**  वरिष्ठ मंडल विद्युत अभियंता (कचस्टॉक) कार्यालय  विद्युत लोको शेड, कल्याण – ४२१ ३०१-  फोन / फैक्स:- 0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301.  Email :- srdeetrskyncrly@gmail.com |

No.ELSKYB/WKS/2017/10/AMC/SIV/AAL Date: 05-12-2018

**CELE/ CSMT**

**(Kind Attention : Shri G C Solanki, Dy CEE (EM)**

Sub: LOA No.L.253.AC/AMC/AAL-SIV dated 07-08-2018 for Comprehensive

Annual Maintenance Contract (AMC) of AAL make 180 KVA Static Inverter

(SIV) fitted in conventional locomotives of various electric loco sheds of Central

Railway (i.e. ELS KYN, BSL & Ajni) for three years.

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Against above mentioned contract awarded to M/s Autometers Alliance Ltd, C-63, Sector-57, Noida, 4 Nos. quantity of ELSKYN has been undertaken by firm for AMC w.e.f. 22-10-2018.

(Varsha Singh)

ADEE(TRS) Kalyan

For Sr.DEE(TRS)KYN

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| **मध्य रेल**  वरिष्ठ मंडल विद्युत अभियंता (कचस्टॉक) कार्यालय  विद्युत लोको शेड, कल्याण – ४२१ ३०१-  फोन / फैक्स:- 0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301.  Email :- srdeetrskyncrly@gmail.com |

No.KYN.RS.T.240. Reverser.2011 Date: 04-12-2018

**CELE/ CSMT**

**(Kind Attention : Shri G C Solanki, Dy CEE (EM)**

Sub: The work of “Up-gradation of existing 1000 amp Reverser into 1500 amp

Reverser in A C Locomotives.

Ref : (i) HQ’s LOA No. L.253.AC.2012/J.Pt II dated 21-05-2015.

(ii) HQ’s letter No. L.253.AC.2012/T.Pt. dated 29-11-2018

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Vide above reference, physical completion report for the contract awarded to M/s ELCO Enterprises, 2/34, Dum Dum Road, P O Cossipore, Kolkatta – 700 002 in the requisite performa is under:

Qty executed for ELS/KYN is 32 Nos. The details are as under.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Year of execution | Qty | Total Gross & Net Payment | S D Retained | Date of physical completion | Remarks |
| July 2016 | 15 Loco sets | ` 18,75,000/- | Not known to this office | April 2017 | As 15 Nos. was clubbed with qty of ELS/BSL, bill has been passed at ELS/BSL and TV for debit was sent to this office for acceptance, which has been accepted. |
| Dec 2017 | 17 Loco Sets | ` 21,25,000/- | Not known to this office | April 2018 | As 17 Nos. was clubbed with qty of ELS/AQ, bill has been passed at ELS/AQ and TV for debit was sent to this office for acceptance, which has been accepted. |

(Anubhav Varshney)

Sr.DEE(TRS) Kalyan

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| मध्य रेल  वरिष्ठ मंडल विद्युत अभियंता (कचस्टॉक) कार्यालय  विद्युत लोको शेड, कल्याण – ४२१ ३०१-  फोन / फैक्स:- 0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301.  Email :- srdeetrskyncrly@gmail.com |

No.: ELS/KYN/WKS/2017/17/TM Date: 11-12-2018

CELE/ CSMT

**(Kind Attention : Shri G C Solanki, Dy CEE (EM)**

Sub: HQ’s approval for specification and for definition of similar work for “Dismantling, Cleaning, Baking & Varnishing of complete traction motors of conventional and three phase Electric Locos including dismantling & cleaning of brush holder of TM type HS 15250 A & TAOCHI and Blowing of SL and Traction Motor of schedule locos for two years at ELS/KYN.

Ref: (i) Your letter No.L.253.AC/Div-Work dated 25-05-2018.

(ii) This office letter of even No.dated 05-04-2018

.**\*\*\*\***

Subject mentioned proposal was sent for approval of definition of similar work vide this office letter reffered at Sr.No. (ii). This was returned by your office for review the scope of work in line with the scope of work followed by other loco sheds/ EMU car sheds vide letter No. L.253.AC/Div-Work dated 25-05-2018.

As directed, a study is made comparing the scope of work of ELS/Erode, Itarsi and BSL and a study report is prepared which is enclosed herewith. Accordingly technical specification and scope of work for subject mentioned work has been prepared. The same is enclosed herewith.

Loco holding of shed is increasing continuously but there is no proportionate increase in manpower for maintenance of locomotives. Hence, it is proposed to outsource some of the activities which do not affect the safe working of locomotives such as dismantling and cleaning of traction motor and its parts and blowing of SL and traction motors in schedule inspection locos. Due to this Rly Staff can be deployed for other important maintenance activities of traction motors and SL.

An estimate for “Dismantling, Cleaning, Baking & Varnishing of complete traction motors of Electric Locos including dismantling & cleaning of brush holder of TM type HS 15250 A & TAOCHI and Blowing of SL and Traction Motor of schedule locos for two years at Electric Loco Shed, Kalyan” at a total cost of ` 54,70,080/- duly vetted by Sr.DFM/CSMT has been sanctioned by Sr.DEE(TRS)KYN.

As the cost of this work is more than Rs 50 lakh, minimum eligibility criteria will be applicable for which definition of similar work is proposed to be as under:

**“The repair/ overhauling/ maintenance/ cleaning of items/ components/ parts of Electric/ Diesel Locomotive OR EMU/DEMU OR Coaches/ Wagons OR Track Machines/ Tower Wagons OR any Rail Carriage”**

It is therefore requested to accord HQ’s approval for above definition of similar work and also approve the scope of work so that open tenders can be invited for subject work.

**(Anubhav Varshney)**

**Sr.DEE(TRS) Kalyan**

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| **मध्य रेल**  वरिष्ठ मंडल विद्युत अभियंता (कचस्टॉक) कार्यालय  विद्युत लोको शेड, कल्याण – ४२१ ३०१-  फोन / फैक्स:- 0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301.  Email :- srdeetrskyncrly@gmail.com |

No. ELS/KYN/RS/T/COFMOW/UFWL Date: 28.11.2018

**PCEE/ CSMT**

**(Kind Attention : Shri G C Solanki, Dy CEE (EM)**

Sub: Performance Certificate of Automatic CNC Under Floor Wheel Lathe

(BG) Model NGUF-54 supplied by HYT against COFMOW order.

Ref: i) COFMOW/ New Delhi AT No.COFMOW/IR/S-6048/P2/G-656/11

dated 18-05-2012.

ii) HYT’s Letter No.HYT/G-656/KYN/2018-19 dated 12-11-2018

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HYT Engineering Company Pvt Ltd. Pune vide above referred letter asked for performance certificate of CNC Under Floor Wheel Lathe supplied by them against COFMOW’s order. Following performance certificate is issued as per Performance Appraisal Form given as Annexure in COFMOW’s AT.

|  |  |  |
| --- | --- | --- |
| 1 | Machine Name | CNC Under Floor Wheel Lathe Machine (BG)l NGUF 54 |
| 2 | Consignee/ Railway | Sr.DEE(TRS)KYN/ Central Railway |
| 3 | COFMOW TenderNo./AT No. | COFMOW’s AT No. COFMOW/IR/S-6048/PP2/G-656/11 dated 18-05-2012 |
| 4 | Name of the Supplier | M/s HYT Engineering Co. Pvt. Ltd., 29/10, D-2 Block. MIDC, Chinchwad, Pune - 411019 |
| 5 | Quantity | 01 (One) No. |
| 6 | Machine dispatched on | 16-09-2012 |
| 7 | Machine received on | 17-09-2012 |
| 8 | Machine commissioned on | 30-12-2012 |
| 9 | Machine PTC issued on | 10-10-2013 |
| 10 | Warranty period expired on | 29-12-2014 (Original) which was extended by COFMOW for one year i.e. upto 29-12-2015 considering the break downs period during original warranty period. |
| 11 | Performance during warranty period |  |
| a) | Total no of break downs during the year | 2016-17 – 06 Nos.  2017-18 – 09 Nos.  2018-19 – 06 Nos. (Till date) |
| b) | Percentage down time | 2016-17 – 7.46%.  2017-18 – 15.89%.  2018-19 – 6.19% |
| c) | Promptness of supplier in attending to complaints |  |
| (i) | Average time interval between filling of complaint and rectification of defects | Within grace period. |
| (ii) | Whether this time taken is considered as  Quick/Reasonable/Slow | Reasonable |
| d) | Repeated defects, if any (Please elaborate the defects) | Main Drive Roller cracked repeatedly |

Contd..2

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| e) | Ease of operation & maintence(attending to minor defects) | Reasonable |
| f) | Was assistance of COFMOW required for getting service from supplier | No |
| g) | Is the training given by firm to the staff considred effective & adequate | Yes |
| h) | Any suggestion for improvement in procurement of similar machines | Main Drive Roller needs improvement |
| 12 (a) | Any warranty complaint pending against the firm | No |
| (b) | If yes, then the date and nature of defect | N.A. |

Presently the machine is maintained by M/s HYT, Pune under CAMC awarded as per COFMOW’s above AT for a period of 5 years i.e. from 30-12-2015 to 29-12-2020.

(Anubhav Varshney)

Sr.DEE(TRS) Kalyan

Copy to : M/s HYT Engineering Company Pvt. Ltd., }

Plot No.29/10, 29/10/1, 29/10/2 }

D-2 Block MIDC- Chinchwad, Pune }

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| **मध्य रेल**  वरिष्ठ मंडल विद्युत अभियंता (कचस्टॉक) कार्यालय  विद्युत लोको शेड, कल्याण – ४२१ ३०१-  फोन / फैक्स:- 0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301.  Email :- srdeetrskyncrly@gmail.com |

No. KYN/RS/T/240/SI Rehab/2011 Date: 27.11.2018

CELE/ CSMT

**(Kind Attention : Shri G C Solanki, Dy CEE (EM)**

Sub: (i) HQ’ s LOA No. L.253.AC.2012/PCB/SI UNIT dated 04/04/2014 for Repair

cum Rehabilitation of PCB cards of SI unit for AC/DC Elect. Locos.

(ii) HQ’s letter No.L.253.AC.2012/PCB SI Unit dated 11-04-2018 for increase

in quantity to 93 Nos.

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Against subject mentioned contract the firm M/s Elcome, Belapur formerly known as M/s Indocen, Belapur has completed the work of schedule quantity of 65 Loco Set’s PCB on 03-02-2017. Further increased quantity of 20 loco sets has been completed on 28-07-2018. Thus out of total qty of 93 loco sets, 85 loco sets have been completed.

Balance 8 sets comprising 112 Nos. defective PCB Cards are lying in section for repair and rehabilitation. These can be given to firm for necessary repair cum rehabilitation works as per terms and conditions of subject contract. Summary of these cards is as below

|  |  |  |
| --- | --- | --- |
| Sr. No. | Description | Qty |
| 1 | Optical Fiber Command Card X 101 | 08 Nos. |
| 2 | Relay output Board X113 | 08 Nos. |
| 3 | Relay output Board X117 | 08 Nos. |
| 4 | IGBT Command Card X 209 | 08 Nos. |
| 5 | Analog input Board X 213 | 08 Nos. |
| 6 | Analog input Board X 217 | 08 Nos. |
| 7 | Power Supply X 232 | 08 Nos. |
| 8 | CPU Card X 223 | 08 Nos. |
| 9 | IGBT Gate driver A4U4 | 24 Nos. |
| 10 | GTO Gate driver A1U7 | 08 Nos. |
| 11 | High Voltage detection card A1HV | 08 Nos. |
| 12 | BOD Card A12 U2 | 08 Nos. |
|  | Total | **112 Nos.** |

In view of the above, lifting order may please be issued for 112 Nos. of Cards as detailed above.

**(Varsha Singh)**

**ADEE (TRS) KYN**

**For Sr.DEE(TRS)KYN**

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| **मध्य रेल**  वरिष्ठ मंडल विद्युत अभियंता (कचस्टॉक) कार्यालय  विद्युत लोको शेड, कल्याण – ४२१ ३०१-  फोन / फैक्स:- 0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301.  Email :- srdeetrskyncrly@gmail.com |

No.KYN.RS.T.240. Tap Changer-2013 Date: 13-11-2018

**CELE/ CSMT**

**(Kind Attention : Shri G C Solanki, Dy CEE (EM)**

Sub: The work of “Repair, Rehabilitation, Testing and Supply of Tap Changer

type N-32 of AC Electric Locomotives.

Ref : (i) HQ’s LOA No. L.253.AC.2013/GR dated 26-12-2014.

(ii) HQ’s letter No. L.253.AC.2013/GR dated 08-10-2018

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Vide above reference, physical completion report for the contract awarded to M/s Autometers Alliance Ltd, C-63, Sector -57, Noida was submitted vide this office letter of even No. dated 12-04-2017.

Qty executed at ELS/KYN is 1 No. The details are as under.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Year of execution | Qty | Total Gross & Net Payment | S D Retained | Date of physical completion | Remarks |
| Nov 2015 | 01 | ` 13,55,819/- (Gross)  ` 11,65,405/- (Net) | ` 1,35,582/- | 15-03-2016 | -- |

It is confirmed that there is no warranty obligation pending for above tap changer of ELS/KYN executed against the subject mentioned contract.

(Hemant Jindal)

DEE(TRS) Kalyan

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| मध्य रेल  वरिष्ठ मंडल विद्युत अभियंता (कचस्टॉक) कार्यालय  विद्युत लोको शेड, कल्याण – ४२१ ३०१-  फोन / फैक्स:- 0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301.  Email :- srdeetrskyncrly@gmail.com |

No.KYN/RS/T/240/SI-Rehab/2011 Date : 24-10-2018

CELE/ CSMT

**(Kind Attention : Shri G C Solanki, Dy CEE (EM)**

Sub : LOA No. L.253.AC.2012/PCB/SI UNIT dated 04/04/2014 for Repair cum

Rehabilitation of PCB cards of SI unit for AC/DC Elect. Locos -65 Sets

Ref: M/s Elcome’s letter No.EISPL/R6/23229 dated 09-10-2018

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M/s Elcome, Belapur formerly known as M/s Indocen, Belapur, have requested to extend the completion period of subject mentioned contract upto 31-03-2019 without LD vide their letter under referece addressed to CEE copied to this office.

The original schedule quantity of 65 Loco Set’s PCB was completed on 03-02-2017. Further increased quantity of 20 loco sets has been completed on 28-07-2018. Thus out of total qty of 93 loco sets, 85 loco sets have been completed.

Balance 08 Loco sets which were increased under variation on 11-04-2018 are yet to be given to firm for necessary repair & rehabilitation.

There is no delay on firm’s account in delivery of materials. Cards for repairs cum rehabilitation can be issued to firm by Railway in phased manner when released from locomotives.

There is no loss to Railways due to extension in completion period as asked by firm.

The extension of completion period may please be given accordingly.

(Anubhav Varshney)

Sr.DEE(TRS) Kalyan

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| मध्य रेल  वरिष्ठ मंडल विद्युत अभियंता (कचस्टॉक) कार्यालय  विद्युत लोको शेड, कल्याण – ४२१ ३०१-  फोन / फैक्स:- 0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301.  Email :- srdeetrskyncrly@gmail.com |

No. ELSKYN/WKS/2018/30/Touch Screen Date : 16-10-2018

CELE/ CSMT

(Kind Attention : Shri G C Solanki, Dy CEE (EM) CSMT)

Sub : Technical approval for works tender to be undertaken at divisional level

and approval for technical specification for the work of “Refurbishment of

GERSYS, Germany (Model No.BC3560) make DDU.

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A proposal and detailed estimate for “Refurbishing of Gersys (Model No. BC3560) Germany make DDU including replacement of touch screen, Qty-10 Nos.” has been concurred and vetted by Sr.DFM/CSMT vide letter No. BB/AC/FX/I/TRS/Prop/25698 dated 16-08-2018 at a total cost of Rs 3,80,000/- plus applicable GST on Single Tender basis from OEM or authorized dealer of OEM..

The estimate has been sanctioned by Sr.DEE(TRS)KYN i.e. JAG Officer in terms of item No. 2 (C) of Model SOP 2018 Part A as concurred by A/cs.

As the work is to be carried out on Single Tender basis from OEM or authorized dealer of OEM, this will require sanction of ADRM/DRM in terms of Item No. 39 (C) works matter Part A of Model SOP -2018 as concurred by Sr.DFM/CSMT.

ADRM desires “Technical approval from HQ to carry out the work” before sanctioning of any proposal.

Single Tender is to be invited for the subject work. GERSYS Germany make Driver Display Unit (DDU) are provided on 06 Nos. BHEL make TCN based three phase locomotives. These DDUs having distinctive characteristics of features thus making it a proprietary item. It is therefore proposed to invite SINGLE TENDER from OEM of locomotives viz M/s BHEL.

Specification No. KYN.R.S.PEX.BHDDU.2018 has been prepared for the said work and is sent herewith for approval.

It is requested to kindly accord approval to the technical specification No.KYN.R.S.PEX.BHDDU.2018 for subject work to carry out the same through works contract on Single Tender basis at divisional level.

(Anubhav Varshney)

Sr.DEE(TRS)Kalyan

DA : Copy of Specification

: Copy of sanctioned estimate

: Copy Sr.DFM’s Concurrence letter.

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| मध्य रेल  वरिष्ठ मंडल विद्युत अभियंता (कचस्टॉक) कार्यालय  विद्युत लोको शेड, कल्याण – ४२१ ३०१-  फोन / फैक्स:- 0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301.  Email:- [srdeetrskyncrly@bb.railnet.gov.in](mailto:srdeetrskyncrly@bb.railnet.gov.in) |

No.ELSKYN/WKS/2017/12/SS Panel Date : 11-10-2018

CESE / CSMT

**(Kind Attention: Shri N.K.Verma, Dy CEE/D&G)**

Sub: Annual Maintenance Contract (AMC) of 22KV HT SF6 VCB panel of new

Substation at Electric Loco Shed Kalyan for 2 years.

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ELS/ Kalyan served both DC and AC locomotives. After conversion of 1500V DC to 25 KV AC lines, several changes took place in electric loco shed Kalyan. One of the changes is conversion of substation. Previously the shed electric supply was on 2.2 KV /415 volts 3x500 KVA transformer and after conversion of DC traction into AC traction, this substation was closed and New substation of 25 KV/440V was erected by General Service BB. But the maintenance of the same has to be done by the shed.

This New Sub-station was commissioned on Aug 2015 to cater the electric power supply to shed. It is provided with 02 Nos. of 1000 KVA dry type transformers and 22 KV HT panel. Since the warranty period of HT Panel was one year, this HT panel is out of warranty/guaranty now. This HT panel has following equipments:

1. ABB make safe plus RMU IEC 60298 Panel, SF6 CB Compact VCB - 05 Nos.
2. Protection Relay ADR141S Panel: Qty 04 Nos.
3. Multi functional analyzers: Qty 02 Nos.
4. Battery Charger System for RMU along with SMF batteries.

The above items are to be checked periodically and need overhauling on regular basis for reliability and proper functioning of ON/OFF system including protection relays. Failure of any of these items may interrupt the power supply of Shed. In case of failure of HT panel there is no other alternate arrangement to feed the load of the shed. Under such circumstances there will be no power in shed and thus loco outage will be affected badly.

These items require expert HT professionals, specialized maintenance with infrastructural facility and materials Since there are no infrastructural facilities, expert manpower and required material available for servicing/ repairing of these items, this work has to be get done through outside agency.

Accordingly proposal along with estimate No. ELSKYN/WKS/2017/10 dated 29-07-2017 at a total cost of Rs 11,46,600/- for AMC with optional spares for two yrs was sent to Sr.DFM/CSTM for concurrence and vetting. (Copy enclosed)

Sr.DFM/CSMT vide letter No.BB/AC/FX/I/TRS/Prop/20332 dated 17-08-2017 (Copy enclosed), concurred the proposal and vetted the estimate stating that this will require the sanction of ADRM/DRM in terms of item No. 6.01 (a) of SOPGEN 2017.

Accordingly said proposal and estimate was sent to ADRM/BB for sanction. The proposal was returned by ADRM’s office with the remark that **“Technical approval from HQ to carry out the work”** is required (Copy enclosed).

Scope of work and specification for the said work (Explanatory Notes of Tender Schedule) has been prepared. Since the scope does not pertain to loco but instead of General Service & being dealt by this shed, hence the proposal is sent to your office to accord HQ’s technical approval in order to carry out the subject work through works contract, so that sanction from ADRM can be obtained and case may be processed further.

(Anubhav Varshney)

Sr.DEE(TRS)Kalyan

DA : As above

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| मध्य रेल  वरिष्ठ मंडल विद्युत अभियंता (कचस्टॉक) कार्यालय  विद्युत लोको शेड, कल्याण – ४२१ ३०१-  फोन / फैक्स:- 0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301.  Email:- [srdeetrskyncrly@bb.railnet.gov.in](mailto:srdeetrskyncrly@bb.railnet.gov.in) |

No.KYN.RS.T.240.DBR.2011 Date : 20-09-2018

CEE/ CSMT

**(Kind Attention: Sh. G.C.Solanki, Dy CEE (EM)**

**Sub**:LOA No.L.253.AC.2012/DBR Vol II dtd 03-12-2015 for complete Repair,

Reconditioning, Testing & Supply of Dynamic Braking Resistance for AC

Locomotives.

**Ref** : (i) HQ’s letter No.L.253.AC.2012/DBR.Vol II dated 17-09-2018

(ii) HQ’s Lifting Order No.2 – L.253.AC.2012/DBR VOl II dtd 19-08-2016.

(iii) HQ’s Lifting Order No.4 – L.253.AC.2012/DBR VOl II dtd 05-05-2017.

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Progress of work pertaining to ELS KYN as desired vide letter referred at Sr.No.(i) is as under:

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | Qty as per Lifting Order | | | Qty Lifted by firm | | | Qty delivered by firm | | |
|  | Sch.  Item 1 | Sch.  Item 2 | Sch.  Item 3 | Sch.  Item 1 | Sch.  Item 2 | Sch.  Item 3 | Sch.  Item 1 | Sch.  Item 2 | Sch.  Item 3 |
| Lifting order 2 vide letter No.L.253.AC. 2012/DBR Vol II dated 19/08/2016 | 8 | 0 | 8 | 8 | 0 | 8 | 8 | 0 | 0 |
| Lifting order 4 vide letter No.L.253.AC. 2012/DBR Vol II dated 05/05/2017 | 8 | 2 | 4 | 0 | 0 | 0 | 0 | 0 | 0 |
| **TOTAL** | **16** | **2** | **12** | **8** | **0** | **8** | **8** | **0** | **0** |

* The contractor has lifted material i.e. Schedule Item 1- 8 Nos. and Schedule Item No.3 – 8 Nos. as shown above against lifting order No. 2, on 21-12-2016 from ELS KYN.
* Out of above lifted material, Schedule Item No.1- 8 Nos. only was supplied by firm on 14-03-2017 (Challan No.031 dtd 06-03-2017) . 100% payment for the same has been released on 18-04-2017.
* Schedule item No.3 – 8 Nos. is still lying with firm from 21-12-2016.
* The firm has not lifted any material against Lifting Order No.4.
* Inspite of repated reminders and telephonically chasing, the firm is not responding properly in this regard.

The above all position has already been communicated to HQ time to time.

(Anubhav Varshney)

Sr.DEE(TRS)Kalyan

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| मध्य रेल  वरिष्ठ मंडल विद्युत अभियंता (कचस्टॉक) कार्यालय  विद्युत लोको शेड, कल्याण – ४२१ ३०१-  फोन / फैक्स:- 0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301.  Email :- srdeetrskyncrly@gmail.com |

No. ELSKYN/WKS/2018/31/Static Converter Date : 10-09-2018

CELE/ CSMT

(Kind Attention : Shri G C Solanki, Dy CEE (EM) CSMT)

Sub : Administrative approval for works tender to be undertaken at divisional level

and approval for technical specification of the work of “Midlife overhauling (rehabilitation) of ALSTOM make 180 KVA Static Inverter Unit,

Qty-6 Locomotives.

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A proposal and detailed estimate for “Midlife overhauling of ALSTOM make 180 KVA Static Inveter unit, Qty -6 locomotives” has been concurred and vetted by Sr.DFM/CSMT vide letter No. BB/AC/FX/I/TRS/Prop/25416 dated 30-07-2018 at a total cost of Rs 1,99,67,676/- plus applicable GST. The estimate has been sanctioned by Sr.DEE(TRS)KYN i.e. JAG Officer in terms of item No. 2 (C ) of Model SOP 2018 Part A as concurred by A/cs.

Now tender is to be invited for the subject work. SI units provided in AC/DC Locomotives are of M/s Alstom, Belgium make having distinctive characteristics of features thus making it a proprietary item. It is therefore proposed to invite SINGLE TENDER from OEM viz M/s Alstom, Belgium or by his authorised dealer viz M/s S M International, Mulund (W), Mumbai.

Specification No. KYN.R.S.PEX.AMTR.2018 has been prepared for the said work and is sent herewith for approval.

It is requested to kindly accord approval to the technical specification No.KYN.R.S.PEX.AMTR.2018 for subject work to carry out the same through works contract on Single Tender basis at divisional level.

(Anubhav Varshney)

Sr.DEE(TRS)Kalyan

DA : Copy of Specification

: Copy of sanctioned estimate

: Copy Sr.DFM’s Concurrence letter.

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| मध्य रेल  वरिष्ठ मंडल विद्युत अभियंता (कचस्टॉक) कार्यालय  विद्युत लोको शेड, कल्याण – ४२१ ३०१-  फोन / फैक्स:- 0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301.  Email:- [srdeetrskyncrly@bb.railnet.gov.in](mailto:srdeetrskyncrly@bb.railnet.gov.in) |

सं०. केवाईएन/आरएस/टी/239/यूएफडब्लुएल/एएमसी/2010 दिनांक: 28.07.2018

मुख्य विद्युत इंजीनियर

मध्य रेल / सी एस टी एम

**(ध्यानार्थ: श्री जी० सी० सोलंकी, उप मुख्य बिजली इंजीनियर/ ईएम)**

**विषय**: **Variation in Quantities-** C.A. No.L.253.AC.2011/PWL dtd 14-06-2013 for

Annual Maintenance Contract of Under Floor Pit Wheel Lathe Model LUW 170B

at Electric Loco Shed, Ajni and Kalyan of Central Railway for two years.

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A works contract for the above mentioned work was awarded to M/s. RCR Solutions,111 Victor Mahtre House Kirol,Vidyavihar (W) Mumbai-400086 at a total cost of `. 40,88,448/- for ELS/KYN’s machine vide HQ’s LOA No. L.253,AC.2011/PWL dated 31-01-2012.

The last extension of completion period was given upto 30-08-2017 vide HQ’s letter No. L.253.AC.2011/PWL dated 24-08-2017. The firm has carried out 8th and last visit of AMC of the Under Floor wheel Lathe machine as per scope of work of contract and specification on 26.04.2017.

Now the machine has gone defective. One machine of M/s HYT make is in use. However this is not sufficient to cater the load of 204 locos maintained by ELS/Kalyan.

Wear and tear of wheels is more in Mumbai Division due to working in NE & SE ghat sections having number of curves and steep gradients. During Major and minor schedules the wheels of locos are checked for Flange wear, Tread wear, Root wear and Wheel dia. Turning of wheels is carried out on condition basis in position with complete loco. Normally 3 to 4 locos /day are placed for inspection schedules IA, IB & IC. On an average 01 loco is turned out in 12 hours; hence tyre turning of 02 locos is possible in 24 hours ( 03 shifts ). Due to working one pit wheel lathe; only 2 locos are sent for tyre turning and remaining 2 locos have to wait for 24 hours which badly affects the outage of locos. During monsoon season arisings for tyre turning increases rapidly (Approx. 3 to 7 Locos/day). Under such circumstances bunching of locos occurred for tyre turning and outage of locos affects badly. Further foreign locos are also coming for tyre turning due to conversion of OHE Supply from DC to AC.

At present only 01 No. CNC Under Floor Wheel Lathe Machine of HYT/Pune make is available at Electric Loco shed, Kalyan which is not sufficient to cater the increased load of 204 locos. Moreover when HYT make machine gone under repair, the work of tyre turning got totally hampred as no other working machine is available. RDSO has also recommended 02 Nos. Pit Type Wheel Lathe (with Mechanical scrap removal and disposal) Machines for sheds holding 200 Locos vide Technical Circular No. RDSO/2012/EL/TC/0121 (Rev. 01) Annexure-III A (List 2 –Special Purpose Machine Tools for Bogie and Wheel Sets Repairing).

Further During Railway Board`s Meeting with all Sr.DEE and Sr. DME of all Railway`s held at New Delhi on 13-06-2018 for Electric Loco availability and reliability issues it is highlighted that “ All Loco sheds should have second Pit Wheel Lathe for Wheel turning so that no loco shall be delayed on account of wheel turning”.

A CNC Under Floor Wheel Lathe Machine is proposed in M&P Programme 2019-20 at a total cost of Rs 7,80,65,000/-. Procurement of the same may take 1 to 1 ½ years.

To solve the present consequences of delay in tyre turning of loco, it is proposed to make Under Floor Wheel Lathe Model LUW 170 B functional. M/s RCR was called to assess defects in the machine in order to make the same functional.

After inspection of machine, it is decided to maintain the machine for 1 ½ year through 1 visit of AMC (Labour Charges) and by replacing some of the optional spares as detailed below

Contd..2

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| --- | --- | --- | --- | --- |
| Sr.  No. | S.No. of Cl. 3.2 of LOA | Description of Work / Item | Qty | Justification |
| 1 | 1 | Set of Maintenance Spares for diameter measuring device | 01 Set | RHS diameter device having error diameter not showing properly. |
| 2 | 6 | Siemens Power Contactors | 12 Nos. | Power contactors are old and flashed need replacement. |
| 3 | 7 | Siemens Auxiliary Contactors | 25 Nos. | Aux. contactors are old and flashed need replacement. |
| 4 | 9 | Set of Spares for Coying device | 02 Sets | Nexessary to replace to obtain proper wheel profile cutting |
| 5 | 10 | Tracer Valve | 01 No. | --do-- |
| 6 | 12 | Proportional Feed Control Card VT 5010 EQVValve | 01 No. | This card is malfunctioning due to which wheel cutting is improper. |
| 7 | 14 | Flow Control Valve 2 FRM | 01 No. | The item is required since hydraulic pressure is improper. Due to this second lifting of roller bracket assembly is delyed and some time loco wheel not getting lifted. |
| 8 | 16 | Shaft for Main Drive Roller | 01 No. | The shaft is bent due to this heavy vibrations are there while rollers are in rotating mode. |
| 9 | 17 | Set of Bearings for PL Gear Box- One Side | 01 No. | PL Gear Box Bearings are defective need to be replaced. |
| 10 | 22 | Annular Taper Rings | 16 Nos. | Taper rings of rollers are having excessive play due to which rollers are not getting properly locked. |
| 11 | 23 | Spacers for Annular Taper Rings | 04 Nos. | Spacers are having excessive play due to which locking arrangement of rollers is improper. |
| 12 | 24 | Locking Flanger | 04 Nos. | Locking flanger are defective need to be replaced. |
| 13 | 25 | Supply & Replacment of Main Drive Rollers (Imported Raw Material - Tool Steel, Hardness 55 to 60 hrc- All over Grinding) along with MS Annular Taper Rings, Spacers & Locking Elements) | 02 Nos. | Out of 4 Nos. main rollers, 2 Nos. rollers are defective-cracked need to be replaced. |
| 14 | 30 | Base Slide Cylinder for Column H/s | 01 No. | This pump needs replacement as hydraulic pressure is very low on RHS hydraulic circuit. |
| 15 | 31 | Rail Cylinder | 01 No. | Rail is not opening/ closing properly due to which wheel can not be loaded. |

A variation statement of complete schedule duly signed by firm is enclosed as Annexure. There is (+) variation of Rs 15,85,300/- due to above mentioned 15 items which works out to be 38.77% of total contract value of Rs 40,88,448/- for the machine of ELS/KYN.

As per Note No.7 of Para No. 9 of Model SOP, variation in quantities of individual items beyond 150% will be prohibited and would be permitted in exceptional unavoidable circumstances with the concurrence of Associate Finance and shall be paid at 96% of the rate awarded for that item in that particular tender. In this case individual item variation is upto 300%, but variation of total value of part of ELS/KYN is 38.77% and total value of contract is 20.29%.

Being a contract awarded at HQ’s level, it is requested to excersie variation in existing Contract No. L.253.AC.2011/PWL dated 14-06-2012 as detailed in variation statement, so that the machine can be put right to cater the workload.

**(अनुभव वार्ष्णेय)**

वरि०मंडल विद्युत इंजिनियर

(क.च.स्टॉक) कल्याण

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| मध्य रेल  वरिष्ठ मंडल विद्युत अभियंता (कचस्टॉक) कार्यालय  विद्युत लोको शेड, कल्याण – ४२१ ३०१-  फोन / फैक्स:- 0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301.  Email:- [srdeetrskyncrly@bb.railnet.gov.in](mailto:srdeetrskyncrly@bb.railnet.gov.in) |

सं०. केवाईएन/आरएस/टी/240/डी.बी.आर/ 2011 दिनांक: 10.07.2018

मुख्य विद्युत इंजीनियर

मध्य रेल / सी एस टी एम

**(ध्यानार्थ: श्री जी० सी० सोलंकी, उप मुख्य बिजली इंजीनियर/ ईएम)**

**विषय**:LOA No.L.253.AC.2012/DBR Vol II dtd 03-12-2015 for complete Repair,

Reconditioning, Testing & Supply of Dynamic Braking Resistance for AC

Locomotives.

**संदर्भ** : (i) This office letter of even No.dtd 16-09-2017 & 22-05-2018

(ii) This office letter of even No. dtd 13-07-2017, 31-08-2017 & 09-07-2018

(iii) HQ’s Lifting Order No.4 – L.253.AC.2012/DBR VOl II dated 05-05-2017.

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Please connect this office letters under reference at Sr.No. (i) vide which HQ’s intervention was requested in the subject contract as the firm is not responding at this level.

Vide letters under reference at Sr.No. (ii) reminders were issued to M/s Daulat Ram Industries, Haridwar to expedite the work against subject mentioned contract. Copies of these letters were also sent to HQ.

Original completion period of this contract was upto 02-12-2016 which was subsequently extended upto 31-08-2017. The firm has failed to complete the work even in extended period.

8 Nos. DBR (Sch. Item No.1) and 8 Nos. MVRF (Sch.Item No.3) were lifted by the firm on 21-12-2016 for repair and reconditioning against lifting order No.2. dtd 19-08-2016.

Out of above, the firm has supplied only 08 Nos. DBR (Sch.Item No.1) duly repaired/ reconditioned vide challan No.031 dated 06-03-2017. Bill for the same has already been released. **08 Nos. MVRF for conversion (Sch.Item No.3) are lying with them for more than 18 months.**

As intimated in this office letter dtd 22-05-2018, the firm has given a verble assurance to supply the material within 2 months to a representative of this shed who was sent to their premises on 13-04-2018 to know the exact status of pending work. After passing of approx 3 months, they have not supplied any material.

Further the firm has not lifted following materials from ELS/KYN against Lifting Order No.4 dated 05-05-2017.

1. Schedule Item No.1 – Repair of DBR – 08 Nos.
2. Schedule Item No.2 - Replacement of Fan – 02 Nos.
3. Schedule Item No.3 – Conversion of DC MVRF – 04 Nos.

Work is affecting badly for want of above materials. The firm has neither executed any work after supplying 8 Nos. DBR on 06-03-2017 nor given any plan for the same to this office.

It is therefore requested to initiate appropriate action against the firm.

**(हेमंत जिंदल)**

वरि०मंडल विद्युत इंजिनियर

(क.च.स्टॉक) कल्याण

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| **मध्य रेल**  वरिष्ठ मंडल विद्युत अभियंता (कचस्टॉक) कार्यालय  विद्युत लोको शेड, कल्याण – ४२१ ३०१-  फोन / फैक्स:- 0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301.  Email :- srdeetrskyncrly@gmail.com |

सं: KYN/RS/T/240/TRI-PLATE-2010 दिनांक: 27.06.2018

CELE / CSMT

**(Kind Attention : Shri G C Solanki, Dy CEE/EM/CSMT)**

Sub : The work for provision of Triplate Panel on Electric Locomotives.

Ref : (i) HQ’s letter No. L.253.AC.2012/Triplate dated 06-06-2018.

(ii) HQ’s LOA No. L./253.AC.2012/Triplate dated 15-04-2013

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With refrenace to above, physical completion report for the contract awarded to M/s Jainex Ltd, Mumbai, pertaining to ELS/KYN was submitted vide this office letter of even No. dated 24-07-2017.

It is confirmed that there is no warranty obligation pending against the subject mentioned contract for allocated quantity of 30 Nos. to ELS/KYN.

(Anubhav Varshney)

Sr.DEE(TRS)Kalyan

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| मध्य रेल  वरिष्ठ मंडल विद्युत अभियंता (कचस्टॉक) कार्यालय  विद्युत लोको शेड, कल्याण – ४२१ ३०१-  फोन / फैक्स:- 0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301.  Email :- srdeetrskyncrly@gmail.com |

सं०. ईएलएसकेवाईएन/वर्क्स/2017/21/Bogie Dismantling दिनांक: 26.05.2018

मुख्य विद्युत लोको इंजीनियर

मध्य रेल / सी एस एम टी

**(ध्यानार्थ: श्री जी० सी० सोलंकी, उप मुख्य बिजली इंजीनियर/ ईएम)**

**विषय**: Administrative approval of technical specification for the work of

“Dismantling and Cleaning of Bogies and its components and filling

of sand in sand boxes of Electric Locomotives at Electric Loco Shed,

Kalyan for 2 years”

संदर्भ : HQ’s letter No. L.253.AC/AMC Policy dated 08-08-2016

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Defination of ‘similar work’ to be given in the NIT for subject tender has been approved by HQ vide letter No.L.253.AC/Div-Work dated 23-04-2018.

Now technical specification for the above work i.e. “Dismantling and Cleaning of Bogies and its components and filling of sand in sand boxes of Electric Locomotives at Electric Loco Shed, Kalyan for 2 years” is sent herewith for kind approval please.

(अनुभव वार्ष्णेय)

वरि०मंडल विद्युत् इंजिनियर

(क.च.स्टॉक) कल्याण

संलग्नक : उपरोक्त

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| मध्य रेल  वरिष्ठ मंडल विद्युत अभियंता (कचस्टॉक) कार्यालय  विद्युत लोको शेड, कल्याण – ४२१ ३०१-  फोन / फैक्स:- 0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301.  Email:- [srdeetrskyncrly@bb.railnet.gov.in](mailto:srdeetrskyncrly@bb.railnet.gov.in) |

सं०. केवाईएन/आरएस/टी/240/डी.बी.आर/ 2011 दिनांक: 22.05.2018

मुख्य विद्युत इंजीनियर

मध्य रेल / सी एस टी एम

**(ध्यानार्थ: श्री जी० सी० सोलंकी, उप मुख्य बिजली इंजीनियर/ ईएम)**

**विषय**:LOA No.L.253.AC.2012/DBR Vol II dtd 03-12-2015 for complete Repair,

Reconditioning, Testing & Supply of Dynamic Braking Resistance for AC

Locomotives.

**संदर्भ** : (i) This office letter of even No. dated 13-07-2017 and 31-08-2017

(ii) HQ’s Lifting Order No.4 – L.253.AC.2012/DBR VOl II dated 05-05-2017.

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Vide letters under reference at Sr.No. (i), two reminders were issued to M/s Daulat Ram Industries, Haridwar to expedite the work against subject mentioned contract. Copies of these letters were also sent to HQ.

Original completion period of this contract was upto 02-12-2016 which was subsequently extended upto 31-08-2017. The firm has failed to complete the work even in extended period.

8 Nos. DBR (Sch. Item No.1) and 8 Nos. MVRF (Sch.Item No.3) were lifted by the firm on 21-12-2016 for repair and reconditioning against lifting order No.2. dtd 19-08-2016.

Out of above, the firm has supplied only 08 Nos. DBR (Sch.Item No.1) duly repaired/ reconditioned vide challan No.031 dated 06-03-2017. Bill for the same has already been released. 08 Nos. MVRF for conversion (Sch.Item No.3) are lying with them for more than 8 months.

As firm was not responding telephonically, a representative of this shed was sent to their premises to know the exact status of pending work. They have not responded/ attended him properly and after rigorous chasing, they have given a verble assurance to supply the material within 2 months but not given anything in writing.

Further the firm has not lifted following materials from ELS/KYN against Lifting Order No.4 dated 05-05-2017.

1. Schedule Item No.1 – Repair of DBR – 08 Nos.
2. Schedule Item No.2 - Replacement of Fan – 02 Nos.
3. Schedule Item No.3 – Conversion of DC MVRF – 04 Nos.

Work is affecting badly for want of above materials. The firm has neither executed any work after supplying 8 Nos. DBR on 06-03-2017 nor given any plan for the same to this office.

HQ’s intervention is therefore requested in this matter to initiate appropriate action against the firm.

**(अनुभव वार्ष्णेय)**

वरि०मंडल विद्युत इंजिनियर

(क.च.स्टॉक) कल्याण

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| **मध्य रेल**  वरिष्ठ मंडल विद्युत अभियंता (कचस्टॉक) कार्यालय  विद्युत लोको शेड, कल्याण – ४२१ ३०१-  फोन / फैक्स:- 0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301.  Email :- srdeetrskyncrly@gmail.com |

No. KYN.RS.T.240.DBR.2010 Date: 11.05.2018

मुख्य विद्युत लोको इंजीनियर

मध्य रेल / सी एस टी एम

**(ध्यानार्थ: श्री जी० सी० सोलंकी, उप मुख्य बिजली इंजीनियर/ ईएम)**

Sub: The work of “Repair and Rehabilitation of Dynamic Braking Resistance of

AC Locomotives”.

Ref : (i) HQ’s LOA No. L.253.AC.2010/DBR dated 18-03-2011.

(ii) This office letter of even No. dated 26-12-2016.

(ii) HQ’s letter No.L.253.AC.2010/DBR dated 13-03-2018

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Vide above reference, physical completion report and warranty obligations for the contract awarded to M/s Daulatram Industries, Bhopal have already been given vide this office letter mentioned at Sr.No. (ii) above.

There are no warranty obligations pending against the subject mentioned contract for the quantity executed for ELS/KYN as detailed under.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Shed/Shop | Quantity | | | | |
|  | Schedule item -1 (i) | Schedule item -1 (ii) | Schedule item -2 (i) | Schedule item -2 (ii) | Schedule item -3 |
| ELS/KYN | 23 | -- | 2 | -- | 24 |

However against antoher contract No.L.253.AC.2012/DBR Vol II dated 03-12-2015 for complete repair, reconditioning, testing & supply of Dynamic Braking Resistance for AC locomotives, the performance of firm viz M/s Daulat Ram Industries, Ranipur, Haridwar is extremely poor and cause of concern. The firm is not supplying the 8 Nos. MVRF lifted on 21-12-2016 (Schedule item No.3). Inspite of repeated reminders, the firm is neither supplying said material nor lifting further matrial against lifting order issued by HQ. They have already exceeded the completion period of the contract and for each lot.

**(अनुभव वार्ष्णेय)**

वरि०मंडल विद्युत इंजिनियर

(क.च.स्टॉक) कल्याण

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| **मध्य रेल**  वरिष्ठ मंडल विद्युत अभियंता (कचस्टॉक) कार्यालय  विद्युत लोको शेड, कल्याण – ४२१ ३०१-  फोन / फैक्स:- 0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301.  Email :- srdeetrskyncrly@gmail.com |

सं०. ईएलएसकेवाईएन/टी/239/यूएफडब्लूएल/एएमसी/2010 दिनांक: 11.05.2018

मुख्य विद्युत इंजीनियर

मध्य रेल / सी एस टी एम

**(ध्यानार्थ: श्री जी० सी० सोलंकी, उप मुख्य बिजली इंजीनियर/ ईएम)**

**विषय**: LOA No. L.253.AC.2011/PWL dated 31-01-2012 for “Annual Maintenance

Contract of Under Floor Pit Wheel Lathe model LUW 170 B at Electric Loco

Shed, Ajni-Nagpur and Kalyan of Central Railway for two years.

संदर्भ: Your letter No.L.253.AC.2011/PWL dated 09-03-2018.

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Physical Completion Report for the above contract awarded to M/s RCR Solutions, Vidyavihar (W), Mumbai pertaining to ELS/KYN’s machine asked vide above referred letter is as detailed below in requisite proforma:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Year of execution | QTY | Total Gross & Net Payment | S D Retained | Date of physical completion | Remarks |
| 2012-17 | 01 No. | ` 37,19,568/- (Gross)  ` 31,15,200/- (Net) | ` 3,90,585/- | 26-04-2017 | Physical work is completed on 26-04-2017 and for all 8 schdeules has been passed. |

A copy of No Claim Certificate dated 24-01-2018 submitted by firm to this office is enclosed herewith.

**(अनुभव वार्ष्णेय)**

वरि०मंडल विद्युत इंजिनियर

(क.च.स्टॉक) कल्याण

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| **मध्य रेल**  वरिष्ठ मंडल विद्युत अभियंता (कचस्टॉक) कार्यालय  विद्युत लोको शेड, कल्याण – ४२१ ३०१-  फोन / फैक्स:- 0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301.  Email :- srdeetrskyncrly@gmail.com |

सं०. ईएलएसकेवाईएन/टी/239/यूएफडब्लूएल/एएमसी/2010 दिनांक: 11.05.2018

मुख्य विद्युत इंजीनियर

मध्य रेल / सी एस टी एम

**(ध्यानार्थ: श्री जी० सी० सोलंकी, उप मुख्य बिजली इंजीनियर/ ईएम)**

**विषय**: LOA No. L.253.AC.2011/PWL dated 31-01-2012 for “Annual Maintenance

Contract of Under Floor Pit Wheel Lathe model LUW 170 B at Electric Loco

Shed, Ajni-Nagpur and Kalyan of Central Railway for two years.

संदर्भ: Your letter No.L.253.AC.2011/PWL dated 09-03-2018.

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Physical Completion Report for the above contract awarded to M/s RCR Solutions, Vidyavihar (W), Mumbai pertaining to ELS/KYN’s machine asked vide above referred letter is as detailed below in requisite proforma:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Year of execution | QTY | Total Gross & Net Payment | S D Retained | Date of physical completion | Remarks |
| 2012-17 | 01 No. | ` 37,19,568/- (Gross)  ` 31,15,200/- (Net) | ` 3,90,585/- | 26-04-2017 | As detailed below |

Remarks

1. Physical Work is completed on 26-04-2017, bill for all 8th schedule is passed.
2. Details of Payment passed is as under:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sr.  No. | Description of Work | Qty.  executed | Payment passed | Date of passing |
| 1 | Total cost of compulsory replacement item for 1st year as per Annex B1 | 01 Set | ` 1,03,748 | 23.07.2012 |
| 2 | Total cost of compulsory replacement item for 2nd year as per Annex B2 | 01 Set | ` 87,078 | 23.07.2012 |
| 3 | Labour Charges for period for 4 visits per year | 08 visits | ` 8,70,000 | 23.07.2012 to 08.06,2014 |
| 4 | Cost of Optional Spares as per Annexure B3 | 28 items | ` 26,58,742 | 23.07.2012,  29-11-2013 & 21-07-2017 |
|  | TOTAL |  | ` 37,19,568 |  |

1. Requisite security deposit of Rs 3,90,585/- as per para No.10 of LOA has been recovered from their 8 on account bills.

A copy of No Claim Certificate dated 24-01-2018 submitted by firm is enclosed herewith.

**(अनुभव वार्ष्णेय)**

वरि०मंडल विद्युत इंजिनियर

(क.च.स्टॉक) कल्याण

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| **मध्य रेल**  वरिष्ठ मंडल विद्युत अभियंता (कचस्टॉक) कार्यालय  विद्युत लोको शेड, कल्याण – ४२१ ३०१-  फोन / फैक्स:- 0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301.  Email :- srdeetrskyncrly@gmail.com |

सं०. ईएलएसकेवाईएन/डब्ल्यूकेएस/2015/आयएसओ दिनांक: 04.05.2018

मुख्य विद्युत लोको इंजीनियर

मध्य रेल / सी एस टी एम

**(ध्यानार्थ: श्री जी० सी० सोलंकी, उप मुख्य बिजली इंजीनियर/ ईएम)**

**विषय**: Proposal for ISO 14001 & ISO 18001 Certification for Electric Loco Shed,

Kalyan.

**संदर्भ** : (i) HQ’s letter No. 253.AC.Proposal dated 27-03-2018

(ii) FA&CAO’s letter No.AC/FX/1465/CEE/HQ/16/539 dated 21-04-2017

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With reference to letter at Sr.No.(i), para-wise remarks on the observations made by FA&CAO vide letter No. AC/FX/1465/CEE/HQ/16/539 dated 21-04-2017 are as follows:

1. As suggested, LAR from ELS/Ajni has been obtained.
2. In the total cost of Rs 1,96,000/- based on BQ of M/s Value Certification dtd 13-08-2015, rates for consultancy and certification are as below:
3. Part A – Consultancy Charges – Rs 66,000/-
4. Part B - Certification Charges – Rs 1,00,000/-

* Surveillance Audit No.1 – Rs 15,000/-
* Surveillance Audit No.2 – Rs 15,000/-

As per ELS/AQ’s LOA, consultancy and certification rates are as follows:

1. Consultancy Charges – Rs 32,000/-
2. Certification Charges – Rs 70,200/-
3. As desired following LOA of ELS/Ajni are furnished:
4. LOA No. ELS/AQ/DRG/WCQ/15-16/09 (IMS- Consultancy) dated 19-07-2016 for certification.
5. LOA No. ELS/AQ/DRG/WCQ/15-16/11 (IMS- Certification) dated 02-08-2016 for certification

As stated earlier, tenders will be invited sperately for consultancy and certification in terms of Railway Board’s letter No. 2002/E&R dated 19-02-2007.

FA&CAO may please be advised accordingly and be impressed upon for early concurrence of the proposal.

**(अनुभव वार्ष्णेय)**

वरि०मंडल विद्युत इंजिनियर

(क.च.स्टॉक) कल्याण

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| मध्य रेल  वरिष्ठ मंडल विद्युत अभियंता (कचस्टॉक) कार्यालय  विद्युत लोको शेड, कल्याण – ४२१ ३०१-  फोन / फैक्स:- 0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301.  Email :- [srdeetrskyncrly@gmail.com](mailto:srdeetrskyncrly@gmail.com) |

**सं. ELS/KYN/WKS/2017/02/Up-keeping दिनांक: 02/05/2018**

मुख्य विद्युत लोको इंजीनियर

मध्य रेल / सी एस टी एम

**(ध्यानार्थ: श्री जी० सी० सोलंकी, उप मुख्य बिजली इंजीनियर/ ईएम)**

**विषय**: Approval of Special condition of contract, Specification and Scope of Work with incorpation of New GCC for Services for work of “Maintenance and up-keeping of Electric Loco Shed, Kalyan and Trip Shed at CSTM, VVH, LNL and IGP for a period of two years”,PVC for the work of Maintenance and up-keeping of Electric Loco Shed, Kalyan and Trip Shed at CSTM, VVH, LNL and IGP for a period of two years.

संदर्भ: (i) HQ’s letter No. L.253.AC.Divn works dated 19-03-2018.

(ii) FA&CAO’s letter No.AC/FX/1465/CEE/BB/17/641 dated 12-03-2018.

**\*\*\*\***

CELE’s approval for PVC for subject work was conveyed to this office vide letter referred at Sr.No.(i) duly concurred by FA&CAO vide letter under reference at Sr.No.(ii).

Railway board has introduced “GCC for services” contract vide letter No. 2018/Trans.Cell/Mech/Service Contracts dated 02.02.2018. It has been learnt that above said work is pure service related work.

Now the tender booklet containing Special condition of Contract, Specification and scope of work has been prepared by incoprarating PVC clause approved by CELE as reffered at sr.no (i). (Copy attached). This work is need to be incorporated with new “GCC for service” contract.

In view of the above, it is requested to kindly approve Special condition of contract, Specification and Scope of Work with incorpation of New GCC for Services for work of “Maintenance and up-keeping of Electric Loco Shed, Kalyan and Trip Shed at CSTM, VVH, LNL and IGP for a period of two years”, so that proposal can be processed further.

**(अनुभव वार्ष्णेय)**

वरि०मंडल विद्युत इंजिनियर

(क.च.स्टॉक) कल्याण

संलग्नक : उपरोक्त

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| मध्य रेल  वरिष्ठ मंडल विद्युत अभियंता (कचस्टॉक) कार्यालय  विद्युत लोको शेड, कल्याण – ४२१ ३०१-  फोन / फैक्स:- 0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301.  Email :- srdeetrskyncrly@gmail.com |

सं०. ईएलएसकेवाईएन/वर्क्स/2016/33/WAG-7 Piping दिनांक: 12.04.2018

मुख्य विद्युत लोको इंजीनियर

मध्य रेल / सी एस एम टी

**(ध्यानार्थ: श्री जी० सी० सोलंकी, उप मुख्य बिजली इंजीनियर/ ईएम)**

**विषय**: Administrative approval of technical specification for the work of “Provision

of Stainless Steel Pneumatic Piping on Bogies of WAG-7 Locos,

Qty -04 Nos.

संदर्भ : HQ’s Note No. L.253.AC/Div-Work dated 30-06-2017

**\*\*\*\*\***

Technical Specification for “Provision of Stainless Steel Pneumatic Piping on Bogies of WAG-7 Locos, Qty -04 Nos was sent for approval vide this office letter of even No. dated 07-06-2017.

Above specification was returned to this office for necessary correction along with Note No. L.253.AC/Div-Work dtd 30-06-2017. (Copy enclosed)

Fresh copy of specification incorporating the suggested corrections along with original note No. L.253.AC/Div-Work dated 30-06-2017, CLW’s Drg No. SK No.56.063 and copy of CLW’s approved was again sent vide this office letter of even No. dated 18-08-2017.

Approval of specification was awaited. Now it is learnt that file is not traceable at HQ. Hence complete case is resubmitted herewith for kind approval please.

(अनुभव वार्ष्णेय)

वरि०मंडल विद्युत् इंजिनियर

(क.च.स्टॉक) कल्याण

संलग्नक : उपरोक्त

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| मध्य रेल  वरिष्ठ मंडल विद्युत अभियंता (कचस्टॉक) कार्यालय  विद्युत लोको शेड, कल्याण – ४२१ ३०१-  फोन / फैक्स:- 0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301.  Email:- [srdeetrskyncrly@bb.railnet.gov.in](mailto:srdeetrskyncrly@bb.railnet.gov.in) |

सं०. इएलएसकेवाईएन/वर्क्स/2017/12/एसएसपैनल दिनांक: 12.04.2018

मुख्य विद्युत इंजीनियर

मध्य रेल / सी एस टी एम

**(ध्यानार्थ: श्री जी० सी० सोलंकी, उप मुख्य बिजली इंजीनियर/ ईएम)**

**विषय**: Annual Maintenance Contract (AMC) of 22KV HT SF6 VCB panel of new

Substation at Electric Loco Shed Kalyan for 2 years.

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ELS/ Kalyan served both DC and AC locomotives. After conversion of 1500V DC to 25 KV AC lines, several changes took place in electric loco shed Kalyan. One of the changes is conversion of substation. Previously the shed electric supply was on 2.2 KV /415 volts 3x500 KVA transformer and after conversion of DC traction into AC traction, this substation was closed and New substation of 25 KV/440V was erected by General Service BB. But the maintenance of the same has to be done by the shed.

This New Sub-station was commissioned on Aug 2015 to cater the electric power supply to shed. Itis provided with 02 Nos. of 1000 KVA dry type transformers and 22 KV HT panel. Since the warranty period of HT Panel was one year, this HT panel is out of warranty/guaranty now. This HT panel has following equipments:

1. ABB make safe plus RMU IEC 60298 Panel, SF6 CB Compact VCB - 05 Nos.
2. Protection Relay ADR141S Panel: Qty 04 Nos.
3. Multi functional analyzers: Qty 02 Nos.
4. Battery Charger System for RMU along with SMF batteries.

The above items are to be checked periodically and need overhauling on regular basis for reliability and proper functioning of ON/OFF system including protection relays. Failure of any of these items may interrupt the power supply of Shed. In case of failure of HT panel there is no other alternate arrangement to feed the load of the shed. Under such circumstances there will be no power in shed and thus loco outage will be affected badly.

These items require expert HT professionals, specialized maintenance with infrastructural facility and materials Since there are no infrastructural facilities, expert manpower and required material available for servicing/ repairing of these items, this work has to be get done through outside agency.

Accordingly proposal along with estimate No. ELSKYN/WKS/2017/10 dated 29-07-2017 at a total cost of Rs 11,46,600/- for AMC with optional spares for two yrs was sent to Sr.DFM/CSTM for concurrence and vetting. (Copy enclosed)

Sr.DFM/CSMT vide letter No.BB/AC/FX/I/TRS/Prop/20332 dated 17-08-2017 (Copy enclosed), concurred the proposal and vetted the estimate stating that this will require the sanction of ADRM/DRM in terms of item No. 6.01 (a) of SOPGEN 2017.

Accordingly said proposal and estimate was sent to ADRM/BB for sanction. The proposal was returned by ADRM’s office with the remark that **“Technical approval from HQ to carry out the work”** is required (Copy enclosed).

As per item No.19 (A) of Part C of Model SOP 2017, sanctioning of this proposal is within the powers of ADRM/DRM. (Copy enclosed)

Scope of work and specification for said work (Explanatory Notes of Tender Schedule) has been prepared. It is requested to kindly accord **HQ’s technical approval** to carry out the subject work through works contract at divisional level and also to approve the enclosed technical specification of the said work, so that sanction from ADRM can be obtained and case may be processed further.

**(अनुभव वार्ष्णेय)**

वरि०मंडल विद्युत् इंजिनियर

(क.च.स्टॉक) कल्याण

संलग्नक : उपरोक्त

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| मध्य रेल  वरिष्ठ मंडल विद्युत अभियंता (कचस्टॉक) कार्यालय  विद्युत लोको शेड, कल्याण – ४२१ ३०१-  फोन / फैक्स:- 0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301.  Email :- srdeetrskyncrly@gmail.com |

सं०:इएलएसकेवाईएन/वर्क्स/2017/05/एस्मोन दिनांक: 06.04.2018

मुख्य विद्युत लोको इंजीनियर

मध्य रेल / सी एस टी एम

**(ध्यानार्थ: श्री जी० सी० सोलंकी, उप मुख्य बिजली इंजीनियर/ ईएम)**

विषय : Administrative approval for works tender to be undertaken at divisional level

and approval for technical specification of the work of “Comprehensive Annual Maintenance Contract (AMC) of AAL & Laxven make Microprocessor based Speed cum Energy Monitoring System (ESMON) fitted in Electric Locomotives as per RDSO’ SMI No. RDSO/2016/EL/SMI/0289 (Rev 0) for a period of 3 years

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Following estimates for AMC of Microprocessor based Speed cum Energy Monitoring System (ESMON) as per RDSO’s SMI No. RDSO/2016/EL/SMI/0289 (Rev 0) for a period of 3 years duly vetted by Sr.DFM/CSTM have been sanctioned by competent authority.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sr.  No. | Estimate No. | Description | Qty | Cost |
| 1. | ELSKYN/WKS.2016/12 dtd 24-10-2016 | Comprehensive Annual Maintenance Contract of M/s AAL make ESMON for 3 years | 45 Nos. | ` 28,84,050/- |
| 2. | ELSKYN/WKS.2016/13 dtd 24-10-2016 | Comprehensive Annual Maintenance Contract of M/s Laxven make ESMON for 3 years | 16 Nos. | ` 9,54,720/- |

Further DRM’s sanction for entering into comprehensive AMC for a period of 3 years **on single tender basis** for above items has been taken vide office note dated 03-05-2017 (Copy enclosed). Now tenders for above works are proposed to be invited.

It is requested to kindly accord HQ’s administrative approval to carry out the subject work through works contract at divisional level and also to approve the technical specifications of the said work which are prepared based on RDSO’s SMI No. RDSO/2016/ EL/ SMI/ 0289 (Rev 0) dated 21-06-2016.

(अनुभव वार्ष्णेय)

वरि०मंडल विद्युत् इंजिनियर

(क.च.स्टॉक) कल्याण

DA : Two Specifications

: DRM’s Note

: Copy of sanctioned estimate

: Copy of RDSO’s SMI.

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| मध्य रेल  वरिष्ठ मंडल विद्युत अभियंता (कचस्टॉक) कार्यालय  विद्युत लोको शेड, कल्याण – ४२१ ३०१-  फोन / फैक्स:- 0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301.  Email :- srdeetrskyncrly@gmail.com |

सं०. केवायएन/आरएसटी/240/एसआई- रिहेब/2011 दिनांक: 31.03.2018

मुख्य विद्युत लोको इंजीनियर

मध्य रेल / सी एस टी एम

**(ध्यानार्थ: श्री जी० सी० सोलंकी, उप मुख्य बिजली इंजीनियर/ ईएम)**

**विषय**: C.A. No. L.253.AC.2012/PCB/SI Unit dated 29-09-2014 for Repair cum

rehabilitation of PCB cards of SI Unit for AC/DC electric locomotives

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Above mentioned works contract was placed on M/s Indocen Electronic System (P) Ltd, Belapur vide LOA No.L.253.AC.2012/PCB/SI Unit dtd 04-04-2014 at a total cost of ` 2,39,51,200/- for 65 sets (Each set consist of 16 Nos. cards of 14 types). Bill for these 65 sets has been released.

Further quantity of this contract was increased for 20 sets (Each set consist of 14 Nos. cards of 12 types) vide letter No. L.253.AC.2012/PCB/SI Unit dated 23-02-2017.

Bill for 14 sets executed from above increased quantity of 20 sets was processed for passing.

Sr.SO (Works) Mumbai CSTM has returned the bill vide letter No. BB.W.8602.Bill.Corresp dated 28-03-2018 for want of a subsidiary agreement duly vetted by finance as variation is more than 25% of scheduled quantity. (Copy enclosed)

It is therefore requested to submit a subsidiary agreement duly vetted by accounts so that contractor’s bill may be passed.

**(अनुभव वार्ष्णेय)**

वरि०मंडल विद्युत् इंजिनियर

(क.च.स्टॉक) कल्याण

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| **मध्य रेल**  वरिष्ठ मंडल विद्युत अभियंता (कचस्टॉक) कार्यालय  विद्युत लोको शेड, कल्याण – ४२१ ३०१-  फोन / फैक्स:- 0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301.  Email :- srdeetrskyncrly@gmail.com |

No. KYN.RS.T.240.DBR.2010 Date: 26.03.2018

मुख्य विद्युत लोको इंजीनियर

मध्य रेल / सी एस टी एम

**(ध्यानार्थ: श्री जी० सी० सोलंकी, उप मुख्य बिजली इंजीनियर/ ईएम)**

Sub: The work of “Repair and Rehabilitation of Dynamic Braking Resistance of

AC Locomotives”.

Ref : (i) HQ’s LOA No. L.253.AC.2010/DBR dated 18-03-2011.

(ii) This office letter of even No. dated 26-12-2016.

(ii) HQ’s letter No.L.253.AC.2010/DBR dated 13-03-2018

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Vide above reference, physical completion report and warranty obligations for the contract awarded to M/s Daulatram Industries, Bhopal have already been given vide this office letter mentioned at Sr.No. (ii) above.

However as desired, there are no warranty obligations pending against the subject mentioned contract for the quantity executed for ELS/KYN as detailed under.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Shed/Shop | Quantity | | | | |
|  | Schedule item -1 (i) | Schedule item -1 (ii) | Schedule item -2 (i) | Schedule item -2 (ii) | Schedule item -3 |
| ELS/KYN | 23 | -- | 2 | -- | 24 |

(Anubhav Varshney)

Sr. DEE(TRS) Kalyan

DA: As above

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| **मध्य रेल**  वरिष्ठ मंडल विद्युत अभियंता (कचस्टॉक) कार्यालय  विद्युत लोको शेड, कल्याण – ४२१ ३०१-  फोन / फैक्स:- 0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301.  Email :- srdeetrskyncrly@gmail.com |

No. KYN.RS.T.240.Trans.3900 Date: 26.03.2018

मुख्य विद्युत लोको इंजीनियर

मध्य रेल / सी एस टी एम

**(ध्यानार्थ: श्री जी० सी० सोलंकी, उप मुख्य बिजली इंजीनियर/ ईएम)**

Sub: LOA No. L.253.AC.2012/TFP-3900 dtd 11-02-2013 for “Repair/Rehabilitation,

Reconditioning, Testing and Supply of Transformer type HETT 300.

Ref : (i) This office letter of even No. dated 12-08-2017.

(ii) HQ’s letter No.L.253.AC.2010/TFP-3900 dated 13-03-2018

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Vide above reference, physical completion report for the contract awarded to M/s Stesalit Ltd, Park Plaza (N), 71 Park Street, Kolkatta was submitted vide this office letter referred at Sr.No. (i) above.

The details of qty of 5 Nos. executed for ELS/Kalyan is as under:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Year of execution | Qty | Total Gross & Net Payment | S .D. Retained | Date of physical completion | Remarks |
| 2013-14 | 05 | ` 56,43,733/- (Gross)  ` 55,30,858/- (Net) | Nil | 24-07-2014  (Commissioning dated of 5th and last transformer) | No S.D.was deducted from ELS/KYN as per HQ letter No. L.253.AC.2012/TFP-3900 dtd 07-04-14  (Copy enclosed). |

It is confirmed that there is no warranty obligation pending against the subject mentioned contract.

(Anubhav Varshney)

Sr. DEE(TRS) Kalyan

DA: As above

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| **मध्य रेल**  वरिष्ठ मंडल विद्युत अभियंता (कचस्टॉक) कार्यालय  विद्युत लोको शेड, कल्याण – ४२१ ३०१-  फोन / फैक्स:- 0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301.  Email :- srdeetrskyncrly@gmail.com |

सं: केवाईएन/आरएस/टी/240/टैप चेंजर -2011 दिनांक: 26.03.2018

मुख्य विद्युत लोको इंजीनियर

मध्य रेल / सी एस टी एम

**( ध्यानार्थ: श्री एस० सी० चौधरी, उप मुख्य बिजली इंजीनियर/ ईएम )**

विषय: LOA No. L.253.AC.2011/GR dated 11-06-2012. for the work of

“Repair, Rehabilitation, Testing and Supply of Tap Changer

type N-32 of AC Electric Locomotives.

संदर्भ : (i) This office letter of even No. dated 13-04-2017

(ii) HQ’s letter No. L.253.AC.2011/GR dated 13-03-2017.

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Vide above reference, physical completion report for the contract awarded to M/s Autometers Alliance Ltd, C-63, Sector -57, Noida, was submitted vide this office letter referred at Sr.No. (i) above.

Qty executed at ELS/KYN is only 3 Nos. not 4 Nos. as shown in above letter. The details are as under.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Year of execution | Qty | Total Gross & Net Payment | S D Retained | Date of physical completion | Remarks |
| 2013-15 | 03 | ` 35,31,449/- (Gross)  ` 32,72,610/- (Net) | ` 1,16,781/- | 12-09-2014 | -- |

It is confirmed that there is no warranty obligation pending against the subject mentioned contract.

(Anubhav Varshney)

Sr. DEE(TRS) Kalyan

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| **मध्य रेल**  वरिष्ठ मंडल विद्युत अभियंता (कचस्टॉक) कार्यालय  विद्युत लोको शेड, कल्याण – ४२१ ३०१-  फोन / फैक्स:- 0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301.  Email :- srdeetrskyncrly@gmail.com |

सं०.: ईएलएसकेवाईएन/वर्क्स/लेबर दिनांक: 17.03.2018

वरि० मंडल कार्मिक अधिकारी

मुंबई छ०शि०म०ट०

**(ध्यानार्थ: श्री सुरेन्द्र सिंह जी० बाराहट, मं०का०अधिकारी- I)**

**विषय**: Provision in respect of the contract workers on I/R.

**संदर्भ:**  Your letter No.BB/P/182/G/Con.Labour dated 14-03-2018.

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Required information has already been submitted to HQ (Elect) in reply of Railway Board’s letter No. E(LL)/2015/PNM/AIRF/I dated 17-11-2017. However the same is sent herewith in reference to your letter under reference.

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| S  N | Title of Contract | LOA Details | | | Name of Contractor | Whether new rates of min. wages w.e.f. 01-04-17 are being paid to the contract worker (Y/N) | Mode of Payment to contract workers  (Bank/ Cheque/ Cash) | Whether PF is deducted and the same is credited to the PF account | Whether medical facilities from ESI are made available to contract workers (Y/N) | Issue of slips towards payment made to contract workers to bring out transparency in the system  (Y/N) |
|  |  | LOA No. | LOA Date | Completion Date |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
| 1. | Maintenance and up-keeping of Electric Loco Shed and Trip Shed at CSTM, VVH, IGP and LNL for period of 2 years. | ELS/KYN/WKS/ 2014/07 | 08-06-2015 | 10-06-15 to  09-06-17.  Extended for 6 months upto  09-12-17 further extended for 2 months i.e. upto 09-02-18 | M/s Bandhkam Sahakari Mandal Ltd, Kalyan | Y | Cash  Duly Witnessed by Railway’s representative | N  Not applicable being a registered Co-op Society | N | N  Payment is disbursed to workers taking sign/ thumb impression on paysheet against their individual name and amount. |

The above position is upto 09-02-2018 as the above work has been discontinued.

**(अनुभव वार्ष्णेय)**

वरि०मंडल विद्युत् इंजिनियर

(क.च.स्टॉक) कल्याण

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| **मध्य रेल**  वरिष्ठ मंडल विद्युत अभियंता (कचस्टॉक) कार्यालय  विद्युत लोको शेड, कल्याण – ४२१ ३०१-  फोन / फैक्स:- 0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301.  Email :- srdeetrskyncrly@gmail.com |

सं०.: ईएलएसकेवाईएन/वर्क्स/लेबर दिनांक: 17.03.2018

वरि० मंडल कार्मिक अधिकारी

मुंबई छ०शि०म०ट०

**(ध्यानार्थ: श्री सुरेन्द्र सिंह जी० बाराहट, मं०का०अधिकारी- I)**

**विषय**: Quarterly return of contract labourer.

**संदर्भ:**  Your letter No.BB/P/182/G/Con.Labour dated 14-03-2018.

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Qurterly Return of Contract Labourer for the quarter ending March/ June/Sept/Dec – 2016 & 2017 in the requisite format is as under:

Only one contract with provision of contract labourer was in currency during the asked period from March 2016 to Dec 2017 at Electric Loco Shed, Kalyan. Quarterly return of all 8 quarters during March 2016 to Dec 2017 is as under:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sr.No. | Department | No.of contract labourer appointed through | | Nature of Duties |
|  |  | Railway | Contractor |  |
| 1. | Electrical (TRS) | Nil | 40 | Maintenance & Upkeeping of shed and trip sheds. |

**(अनुभव वार्ष्णेय)**

वरि०मंडल विद्युत् इंजिनियर

(क.च.स्टॉक) कल्याण

**Quarter ending: June 2016**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 1. | Electrical (TRS) | Nil | 40 | Maintenance & Upkeeping of shed and trip sheds. |

**Quarter ending: Sept 2016**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 1. | Electrical (TRS) | Nil | 40 | Maintenance & Upkeeping of shed and trip sheds. |

**Quarter ending: Dec 2016**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 1. | Electrical (TRS) | Nil | 40 | Maintenance & Upkeeping of shed and trip sheds. |

**Quarter ending: March 2017**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 1. | Electrical (TRS) | Nil | 40 | Maintenance & Upkeeping of shed and trip sheds. |

**Quarter ending: June 2017**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 1. | Electrical (TRS) | Nil | 40 | Maintenance & Upkeeping of shed and trip sheds. |

**Quarter ending: Sept 2017**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 1. | Electrical (TRS) | Nil | 40 |  |

**Quarter ending: Dec 2017**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 1. | Electrical (TRS) | Nil | 40 |  |

The above position is upto 09-02-2018 as there is no work in progress at Electric Loco Shed Kalyan involving contract labour presently.

**(अनुभव वार्ष्णेय)**

वरि०मंडल विद्युत् इंजिनियर

(क.च.स्टॉक) कल्याण

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| **मध्य रेल**  वरिष्ठ मंडल विद्युत अभियंता (कचस्टॉक) कार्यालय  विद्युत लोको शेड, कल्याण – ४२१ ३०१-  फोन / फैक्स:- 0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301.  Email :- srdeetrskyncrly@gmail.com |

सं०.: ईएलएसकेवाईएन/वर्क्स/लेबर दिनांक: 17.03.2018

वरि० मंडल कार्मिक अधिकारी

मुंबई छ०शि०म०ट०

**(ध्यानार्थ: श्री सुरेन्द्र सिंह जी० बाराहट, मं०का०अधिकारी- I)**

**विषय**: Provision in respect of the contract workers on I/R.

**संदर्भ:**  Your letter No.BB/P/182/G/Con.Labour dated 14-03-2018.

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Required information has already been submitted to HQ (Elect) in reply of Railway Board’s letter No. E(LL)/2015/PNM/AIRF/I dated 17-11-2017. However the same is sent herewith in reference to your letter under reference.

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| S  N | Title of Contract | LOA Details | | | Name of Contractor | Whether new rates of min. wages w.e.f. 01-04-17 are being paid to the contract worker (Y/N) | Mode of Payment to contract workers  (Bank/ Cheque/ Cash) | Whether PF is deducted and the same is credited to the PF account | Whether medical facilities from ESI are made available to contract workers (Y/N) | Issue of slips towards payment made to contract workers to bring out transparency in the system  (Y/N) |
|  |  | LOA No. | LOA Date | Completion Date |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
| 1. | Maintenance and up-keeping of Electric Loco Shed and Trip Shed at CSTM, VVH, IGP and LNL for period of 2 years. | ELS/KYN/WKS/ 2014/07 | 08-06-2015 | 10-06-15 to  09-06-17.  Extended for 6 months upto  09-12-17 further extended for 2 months i.e. upto 09-02-18 | M/s Bandhkam Sahakari Mandal Ltd, Kalyan | Y | Cash  Duly Witnessed by Railway’s representative | N  Not applicable being a registered Co-op Society | N | N  Payment is disbursed to workers taking sign/ thumb impression on paysheet against their individual name and amount. |

The above position is upto 09-02-2018 as there is no work in progress at Electric Loco Shed Kalyan involving contract labour presently.

**(अनुभव वार्ष्णेय)**

वरि०मंडल विद्युत् इंजिनियर

(क.च.स्टॉक) कल्याण

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| मध्य रेल  वरिष्ठ मंडल विद्युत अभियंता (कचस्टॉक) कार्यालय  विद्युत लोको शेड, कल्याण – ४२१ ३०१-  फोन / फैक्स:- 0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301.  Email :- srdeetrskyncrly@gmail.com |

सं. ELS/KYN/WKS/2017/02/Upkeeping दिनांक: 14/03/2018

मुख्य विद्युत लोको इंजीनियर

मध्य रेल / सी एस टी एम

**(ध्यानार्थ: श्री जी० सी० सोलंकी, उप मुख्य बिजली इंजीनियर/ ईएम)**

**विषय**: Approval for scope of work and conditions for the work of “Maintenance and up-keeping of Electric Loco Shed, Kalyan and Trip Shed at CSTM, VVH, LNL and IGP for a period of two years.”

**\*\*\*\***

Outsourcing for the work of Maintenance & Up keeping of Electric Loco Shed/KYN and Trip Sheds at CSTM, VVH, LNL & IGP for a period of two years is concurred by Sr.DFM/CSMT vide letter No. BB/AC/FX-I/Prop/20037 dated 02-08-2017 and approved by DRM vide note of even No. dated 16/31-08-2017

An estimate for the work prepared at a total cost of Rs 1,90,98,368/- duly vetted by Sr.DFM has been sanctioned by ADRM on 05-09-2017.

Tender was called for this work and opened on 22-12-2017 inserting PVC clause as approved by CELE. This tender had to be discharged for the following reasons:

FA&CAO vide letter No. AC/FX/1465/CEE/NGP/17/675 dtd 19-12-2017 has cancelled the wage escalation clause agreed for said work. It is also advised to review the proposal in terms of Note 2 (e) under item No. 37 (a) of Part A of Model SOP which states that “Outsourcing should be done only in terms of area/activity and not in terms of manpower”.

Considering said work as labour oriented work, it is again proposed to incorporate wage escalation clause based on the number of labourers employed, in line with “Wage Escalation Clause” already agreed by FA&CAO for the similar work of COM’s office and Sr.DEE(TRS-O)’s office.

However FA&CAO has concurred the PVC clause vide letter No. and approved by CELE vide letter No. as given below:

It is proposed to incorporate Statutory “Wage Escalation Clause” in tender for the subject work.

The estimate for subject work is worked out on the basis of activity wise LAR duly updating the rates based on escalation on account of minimum wages. As detailed in Rate Analysis (P-9), this work involves labour and some other components i.e. material/Stores, Tools & Tackles, Transportation and Hiring etc. But major component is labour portion which is contributing **89.85%** of total cost. Material is consumable which is required to carry out the subject work. No separate payment is to be made for material portion. Thus majorly 42 labours (30 labours at ELS/KYN and 12 labours at 4 out-depots @ 3 labour each) for 2 years will be required to carry out the work. Rates for minimum wages are adopted from CLC’s order No.1/13 (5)/2017-LS-II dated 17-03-2017.

**“The minimum wages as notified by Chief Labour Commissioner prevailing on the date of opening of tender including postponement of tender opening date if any, shall be taken as base rate for calculation of wage escalation on account of revisions in wages by CLC. In case of negotiations, the date of negotiation will be considered for deciding the base rate. Any increase/ decrease in the wages notified by CLC will be multiplied by actual number of labourers employed as per the certificate in the Measurement Book for calculating the statutory wage escalation element subject to production of documentary evidence for increase/ decrease in labour charges as notified by CLC. The wages as notified by CLC will be for “Industrial Workers employed in Sweeping and Cleaning excluding activities prohibited under the Employment of Manual Scavengers and Construction of Dry Latrines (Prohibition) Act, 1993.”**

Sr.DFM/CSTM vide letter No.AC/BB/FX/I/TRS/Prop/20946 dated 11-10-2017 (P-10) stated that proposals relating to PVC are dealt at HQ’s level requires approval of PHOD and FA&CAO’s concurrence.

In terms of Railway Board’ letter No.2007/CE-I/CT/18 Opt 19 dtd 14-12-2012(P- 11/12) , application of PVC will require approval of SAG officer. This is also mentioned in FA&CAO’s letter No.AC/FX/1465/CEE/BB/17/641 dtd 28-07-2017.(P-13)

In view of the above, it is requested to kindly accord SAG approval with FA&CAO concurrence to incorporate “Wage Escalation Clause” in the subject tender similar to wage escalation clause concurred and approved for Sr.DEE(TRS-O)’s tender for “ Outsourcing of unloading, transportation & loading of line box of Mail/Express drives in CSTM, IGP & VVH lobbies for a period of 2 years” (P-13-14).

(हेमंत जिंदल)

मंडल विद्युत् इंजिनियर

(क.च.स्टॉक) कल्याण

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| मध्य रेल  वरिष्ठ मंडल विद्युत अभियंता (कचस्टॉक) कार्यालय  विद्युत लोको शेड, कल्याण – ४२१ ३०१-  फोन / फैक्स:- 0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301.  Email :- srdeetrskyncrly@gmail.com |

सं. इएलएसकेवायएन/वर्क्स/2017/20/जीपीएस दिनांक: 12/03/2018

मुख्य विद्युत लोको इंजीनियर

मध्य रेल / सी एस टी एम

**(ध्यानार्थ: श्री जी० सी० सोलंकी, उप मुख्य बिजली इंजीनियर/ ईएम)**

विषय: Provision of GPS based tracking system on banker locos working in

ghat section of Mumbai Division.

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ELS/KYN is holding WAG/7 locos working as bankers in NE and SE ghat for banking goods and passenger trains.

During AGM’s Punctuality Meeting on 10-07-2017, it was discussed that due to mis-management of bankers, train No. 22944 & 16587 lost punctuality on 03-07-2017 at KJT. AGM emphasises that System Improvement in the movement of bankers and also GPS based tracking of bankers may be examined. (Minutes of Meeting No.G.402/AGM/Punct.Minutes/17 dated 12-07-2017 is enclosed) (P-1,2)

Further ADRM/BB vide letter No.BB/ADRM.Note dated 13-07-2017 directed to install/ commission GPS locators on all banking multiple units, staff/ crew so as to enable proper monitoring, planning and optimum utilization of these banking locos and avoid detention of trains. (P-2).

It is therefore proposed to provide GPS tracking system on 20 bankers working in NE & SE ghat sections of Central Railway through outside agency as skilled manpower and required material/ software etc for such work are not available departmentally. The approximate cost of this work will be ` 7,97,987/- based on B.Q of M/s Swabi Enterprises, Katemanivali, Kalyan (E).

Scope of work of this work contains “Conceptualize, design, build, host and maintain real tracking of bankers through website & android application for the purpose of putting bankers details for one year including one time delivery of GPS trackers for 20 bankers in ELS/KYN.

Up to now, this proposal was under A/c’s concurrence. As per queries of Sr.DFM/CSMT, Sr.DEE(TRS-O)/ CSMT offered his comments vide letter No.BB.TRSO. Misc.31 dated 13-09-2017 (P-3) and Sr.DSTE (Co) /CSMT given technical clearance to proposal vide note No.BB/N/ dated 05-12-2017 (P-4) Further DRM’s approval to the above proposal was obtained vide office note of even No. dtd 23-12-2017. (P-5)

Now Sr.DFM/CSMT vide letter No.BB/AC/FX/I/Prop/22948 dated 20-02-2018, returned the proposal stating that being policy decision, HQ approval is required. (P-6)

Remarks on the observations made by Sr.DFM/CSTM are as under:

|  |  |  |
| --- | --- | --- |
| Sr.  No. | Sr.DFM’s Observations | Remarks |
| 1 | It is emerged from clarification there are significant stretches between NE ghat section & S E ghat section where network coverage is not available, apart from this tunnel does not have coverage ar all. The GPS vehicle tracking in real time consists of GSM modem and GPS/GPRS receiver. | The GPS device operated on a advanced real time data capturing (ARTDC) GPS technology system which captures the real time location data for upto 6 hours, even when the mobile network is not available. So the real time data us available to the website immediately. |

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| --- | --- | --- |
| 2 | Similar devices i.e. CUGs have been provided to loco pilots. | As per telecom circular No.14/2012, issued by Rly Board, CUG of Loco pilot and ALP are to be kept in ‘OFF’ condition while on run as stated by Sr.DEE(TRS-O) vide letter No. BB.TRSO.MISC. 31 dtd 13-09-2017. |
| 3 | Sr.DSTE (Co) vide letter No. BB.N.dated 11-09-2017 has brought out the fact that GPS vehicle tracking sustem is satellite dependent. | Sr.DSTE (Co) vide Note No. BB.N. dated 05-12-2017 has granted technical clearance subject to limitation of availability of network coverage and continuous monitoring of vehicle from remote locations. |
| 4 | Since CUG phones which are not working in certain ghat sections, the GPS based vehicle tracking stystem will also have same drawback as it is also work on mobile SIM | Remarks as per Sr.No.1 above. |
| 5 | Hence it is advised to have technical approval from HQ,as a policy decision. | Being sent for technical approval from HQ vide this letter. |

It is therefore requested to HQ’s technical approval for provision of GPS based tracking system on banker locos working in ghat section of Mumbai Division.

**(अनुभव वार्ष्णेय)**

वरि०मंडल विद्युत् इंजिनियर

(क.च.स्टॉक) कल्याण

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| मध्य रेल  वरिष्ठ मंडल विद्युत अभियंता (कचस्टॉक) कार्यालय  विद्युत लोको शेड, कल्याण – ४२१ ३०१-  फोन / फैक्स:- 0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301.  Email :- srdeetrskyncrly@gmail.com |

सं०. केवायएन/आरएसटी/240/एसआई- रिहेब/2011 दिनांक: 09.03.2018

मुख्य विद्युत लोको इंजीनियर

मध्य रेल / सी एस टी एम

**(ध्यानार्थ: श्री जी० सी० सोलंकी, उप मुख्य बिजली इंजीनियर/ ईएम)**

**विषय**: Repair/ Rehabilitation of PCBs of WCAM/2 Locos

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ELS/KYN is having total population of 85 Nos. of ACEC make SI Units fitted in WCAM/2P (20 Nos.), WCAM/3 (53 Nos.) and WCAG/1 (12 Nos.) which have completed about 17 years in service. These SI units are of power electronics devices with microprocessor based control and protection systems. The control protection system includes voltage/ current sensors, printed circuit boards etc. There are 16 Nos. of PCB Cards of 14 types fitted in each SI Units.

A works contract for “Repair cum Rehabilitation of 65 sets of PCB cards (Each set consist of 16 Nos. cards of 14 types) of S I Units for AC/DC electric locomotives” placed on M/s Indocen Electronic System (P) Ltd, Belapur vide LOA No.L.253.AC.2012/PCB/SI Unit dtd 04-04-2014 at a total cost of ` 2,39,51,200/- is in progress. This order was placed compiling estimate of ELS KYN for 42 Nos. and estimate of ELW/BSL for 23 Nos. All 65 Nos. WCAM/3 and WCAG/1 type locomotives were covered under this contract. Work for these 65 Nos. completed. Further quantity of this contract was increased for 20 sets (Each set consist of 14 Nos. cards of 12 types) vide LOA No. L.253.AC.2012/PCB/SI Unit dated 23-02-2017. Out of this work has been completed for 16 sets. Balance 4 sets are to be given to firm. Thus all 85 Nos. ACEC SI Units provided on locomotives (i.e. WCAM/3 (53 Nos.) + WCAG/1 (12 Nos.) + WCAM/2 (20 Nos.) have been covered.

Apart from above, 8 sets of 12 type (14 Nos.) PCB cards are in service as rotating spares. Due to ageing, some critical components these PCBs such as electrolytic capacitors, reed relays and resistor of typical circuits get deteriorated, hence requires replacement. RDSO vide revised guidelines for repair/ rehabilitation of PCBs of three phase electric locomotives has promulgated the need of replacement of these components on PCBs. To avoid the failures and to increase reliability of SI Unit, it is necessary to get repairs/ rehabilitation of 8 Sets. of PCB Cards of SI Unit which have completed more than 17 years of service as per RDSO’s guidelines No.EL/G/2008/Rev-2, Jan 2011 for repairs/ rehabilitation of PCBs of 3 phase locomotives. Details of PCBs are as under:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Sr.  No. | Description | Population on locos | Original Contract qty | Increased Contract Qty | Qty (Spares) to be increased |
| 1 | Optical Fiber Command Card X 101 | 85 | 65 | 20 | 8 |
| 2 | Optical Isolated Card X109 | 85 | 65 | 0 | 0 |
| 3 | Relay output Board X113 | 85 | 65 | 20 | 8 |
| 4 | Relay output Board X117 | 85 | 65 | 20 | 8 |
| 5 | IGBT Command Card X 209 | 85 | 65 | 20 | 8 |
| 6 | Analog input Card X 213 | 85 | 65 | 20 | 8 |
| 7 | Analog input Card X 217 | 85 | 65 | 20 | 8 |
| 8 | Power Supply X 232 | 85 | 65 | 20 | 8 |
| 9 | CPU Card X 223 | 85 | 65 | 20 | 8 |
| 10 | IGBT Gate driver A4 U4 | 255 | 195 | 60 | 24 |
| 11 | GTO Gate driver A1 U7 | 85 | 65 | 20 | 8 |
| 12 | High Voltage detection card A1 HV | 85 | 65 | 20 | 8 |
| 13 | BOD Card A12 U2 | 85 | 65 | 20 | 8 |
| 14 | Software card A13 U2 | 85 | 65 | 0 | 0 |
|  | Total | **1360** | **1040** | **280** | **112** |

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As the contract for similar work is in progress, it is proposed to increase/ extend the quantity of existing contract from 85 sets to 93 Sets which works out to be 43.08%.

Railway Board’s letter No.2007/CE-I/CT/18/Pt,XII dated 08-07-2016 (copy enclosed) states that:

1. Since there is an in-built rate reduction clause of 2% & 4% for variation between 125% and 140% & between 140% and 150% respectively on the accepted rates, it will only require the approval of an officer not below the rank of SAG, without finance concurrence subject to other conditions mentioned in Clause 42 (4).
2. However, a supplementary agreement/ addendum to original agreement should be drawn subsequent to sanction of the variation by an officer not below the rank of SAG, which needs to be vetted by finance.

It is therefore requested to increase/ extend the quantity of existing Contract No. L.253.AC.2012/PCB/SI Unit dated 04-04-2014 from 65 sets to 93 sets which is 143.08% of original quantity.

**(अनुभव वार्ष्णेय)**

वरि०मंडल विद्युत् इंजिनियर

(क.च.स्टॉक) कल्याण

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| मध्य रेल  वरिष्ठ मंडल विद्युत अभियंता (कचस्टॉक) कार्यालय  विद्युत लोको शेड, कल्याण – ४२१ ३०१-  फोन / फैक्स:- 0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301.  Email :- srdeetrskyncrly@gmail.com |

सं. ELSKYN/RS/T/PWP/2018-19 दिनांक: 28/02/2018

मुख्य विद्युत लोको इंजीनियर

मध्य रेल / सी एस टी एम

**(ध्यानार्थ: श्री जी० सी० सोलंकी, उप मुख्य बिजली इंजीनियर/ ईएम)**

Sub: KYN (Electric Loco Shed) : Renovation of machine section including

repairs to inspection pits, EOT Gantry, Surface by Hardonite flooring

of various sections of Electric Loco Shed, Kalyan

(Sanctioned work in P B Item No. 649, WP 2018-19, PH -42)

Ref : Sr.DFM/CSMT’s letter No.BB/AC/FX-V/WP/2018-19/2485 dated 23-02-2018

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Subject mentioned work has been sanctioned by Railway Board in Works Programme 2018-19 vide Pink Book Item No. 679 at a total cost of Rs 6,75,87,000/- chargeable to RRSK. (Copy enclosed)

This proposal was proposed at an abstract cost of Rs 6,75,87,000/- and it was containing civil portion of work at a total cost of Rs 4,40,90,758/- and electrical portion of work at a total cost of Rs 2,34,96,117/-. Provision of Elect (G) and M&P was under electrical abstract estimate.

Consolidated supplementary estimate was prepared by Sr.DEN (NE) CSMT for subject work at a total cost of Rs 6,82,14,224/-. However Sr.DFM/CSMT has vetted the estimate at a total cost of Rs 6,71,86,322/- vide letter No. BB/AC/FX-V/WP/2018-19/2485 dated 23-02-2018 (Copy enclosed) as detailed below:

|  |  |  |  |
| --- | --- | --- | --- |
| Sr.No. | Department | Proposed Cost in Rupees | Vetted cost in Rupees |
| 1 | Civil | 5,26,43,301.00 | 5,16,15,399.00 |
| 2 | Electrical (G) | 26,58,499.00 | 26,58,499.00 |
| 3. | Furniture | 33,13,000.00 | 33,13,000.00 |
| 4. | Cost of M&P | 95,99,424.00 | 95,99,424.00 |
|  | TOTAL | 6,82,14,224.00 | 6,71,86,322.00 |

Sr.DFM/CSTM vide condition No.1 of above letter conveying vetting of estimate, stated that “CEE’s approval to be obtained before incurring any expenditure on said items”.

In view of the above, it is requested to kindly obtain approval of CEE/C.Rly for carrying out work against above mentioned items under the sanctioned work of “Renovation of machine section including repairs to inspection pits, EOT Gantry, Surface by hardonite flooring of various sections of Electric Loco Shed, Kalyan chargeable to RRSK, PH-42., sanctioned vide P B Item No. 679, WP 2018-19) .

**(अनुभव वार्ष्णेय)**

वरि०मंडल विद्युत् इंजिनियर

(क.च.स्टॉक) कल्याण

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| मध्य रेल  वरिष्ठ मंडल विद्युत अभियंता (कचस्टॉक) कार्यालय  विद्युत लोको शेड, कल्याण – ४२१ ३०१-  फोन / फैक्स:- 0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301.  Email :- srdeetrskyncrly@gmail.com |

सं. ELS/KYN/WKS/2017/21/Bogie Dismantling दिनांक: 28/02/2018

मुख्य विद्युत लोको इंजीनियर

मध्य रेल / सी एस टी एम

**(ध्यानार्थ: श्री जी० सी० सोलंकी, उप मुख्य बिजली इंजीनियर/ ईएम)**

**विषय**: Dismantling and Cleaning of bogie and its components and filling of sand in

sand boxes of Electric Locomotives at Electric Loco Shed, Kalyan for 2 years.

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Due to vacancies, superannuation of staff at regular interval, optimal performance of maintenance activities are not possible hence some of the activities which are not directly linked with safe working of Locomotives are proposed to be outsourced. Due to this Rly Staff can be deployed for other important maintenance activities of locos.

A proposal and detailed estimate No. ELSKYN/WKS.2017/13 prepared for “Dismantling, and Cleaning of Bogie and its components and filling of sand in sand boxes of electric locomotives at ELS/Kalyan for two years” at a total cost of Rs. 70,09,814/- (inclusive of GST) was sent to Sr.DFM/CSMT.

Sr.DFM/CSMT vide letter No.AC/BB/FX/I/TRS/Prop/21156 dated 27-10-2017 concurred the proposal and vetted detailed estimate at a total cost of Rs 59,40,520/- (basic price) plus applicable GST. (Copy enclosed)

DRM’s approval for above proposal as per Sr.DFM’s concurrence letter has been obtained.

Detailed estimate has been sanctioned by Sr.DEE(TRS) Kalyan vide office note of even No. dated 06-02-2018 and sanction registered as KYN/RS/01/2018 (Copy enclosed)

Semi skilled labour will be required as in addition to cleaning this work involves dismantling of bogie and its components.

As the cost of this work is more than Rs 50 lakh, minimum eligibility criteria will be applicable for which definition of similar work is proposed to be as under:

**“Dismantling and Cleaning of heavy assemblies like bogies of diesel/ electric loco, EMU and rail coaches/ wagons.”**

It is therefore requested to accord HQ’s administrative approval for above definition of similar work so that open tenders can be invited for subject work.

**(अनुभव वार्ष्णेय)**

वरि०मंडल विद्युत् इंजिनियर

(क.च.स्टॉक) कल्याण

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| मध्य रेल  वरिष्ठ मंडल विद्युत अभियंता (कचस्टॉक) कार्यालय  विद्युत लोको शेड, कल्याण – ४२१ ३०१-  फोन / फैक्स:- 0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301.  Email :- srdeetrskyncrly@gmail.com |

सं. ELS/KYN/WKS/2017/17/TM दिनांक: 05/04/2018

मुख्य विद्युत लोको इंजीनियर

मध्य रेल / सी एस टी एम

**(ध्यानार्थ: श्री जी० सी० सोलंकी, उप मुख्य बिजली इंजीनियर/ ईएम)**

**विषय**: Dismantling, Cleaning, Baking & Varnishing of complete traction motors of conventional and three phase Electric Locos including dismantling & cleaning of brush holder of TM type HS 15250 A & TAOCHI and Blowing of SL and Traction Motor of schedule locos for two years at ELS/KYN.

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Due to shortage of staff, it is proposed to outsource some of the activities which do not affect the safe working of Locomotives such as dismantling and cleaning of traction motor and its parts and blowing of SL and traction motors in schedule inspection locos. Due to this Rly Staff can be deployed for other important maintenance activities of traction motors and SL.

A proposal and detailed estimate No. ELSKYN/WKS.2017/14 prepared for “Dismantling, Cleaning, Baking & Varnishing of complete traction motors of Electric Locos including dismantling & cleaning of brush holder of TM type HS 15250 A & TAOCHI and Blowing of SL and Traction Motor of schedule locos for one year at Electric Loco Shed, Kalyan” at a total cost of Rs. 54,70,080/- was sent to Sr.DFM/CSMT.

Sr.DFM/CSMT vide letter No.AC/BB/FX/I/TRS/Prop/21869 dated 08-12-2017 concurred the proposal and vetted detailed estimate at a total cost of Rs 54,70,080/-. (Copy enclosed)

Detailed estimate has been sanctioned by Sr.DEE(TRS) Kalyan vide office note of even No. dated 20-12-2017and sanction registered as KYN/RS/21/2017 (Copy enclosed)

Skilled labour will be required as in addition to cleaning this work involves dismantling, baking and varnishing of stator and armature.

As the cost of this work is more than Rs 50 lakh, minimum eligibility criteria will be applicable for which definition of similar work is proposed to be as under:

**“Repairs/ Reconditioning/ Rehabilitation / Overhaulling/ Rewinding of traction motors, auxiliary motors of Electric/ Diesel Loco/ EMU or Cleaning of Filter/ Body/ Underframe of Elect Loco/ Diesel Loco/EMU/Coaches/ Wagons”**

It is therefore requested to accord HQ’s administrative approval for above definition of similar work so that open tenders can be invited for subject work.

**(अनुभव वार्ष्णेय)**

वरि०मंडल विद्युत् इंजिनियर

(क.च.स्टॉक) कल्याण

**“Dismantling, Cleaning, Baking, Varnishing of Electric/ Traction Motors (DC and Three Phase) of minimum 600 KW capacity including extraction of pinion”**

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सं. ELS/KYN/WKS/2017/02/Up-keeping दिनांक: 12/02/2018

मुख्य विद्युत लोको इंजीनियर

मध्य रेल / सी एस टी एम

**(ध्यानार्थ: श्री जी० सी० सोलंकी, उप मुख्य बिजली इंजीनियर/ ईएम)**

**विषय**: PVC for the work of Maintenance and up-keeping of Electric Loco Shed, Kalyan and Trip Shed at CSTM, VVH, LNL and IGP for a period of two years.

संदर्भ: (i) HQ’s letter No. L.253.AC.Divn works dated 10-11-2017

(ii) FA&CAO’s letter No.AC/FX/1465/CEE/BB/17/641 dated 06-11-2017.

(iii) FA & CAO’s letter No.AC/FX/1465/CEE/NGP/17/675 dated 19-12-2017.

**\*\*\*\***

CELE’s approval for PVC for subject work was conveyed to this office vide letter referred at Sr.No.(i) duly concurred by FA&CAO vide letter under reference at Sr.No.(ii). (P-6-9)

Tender was called for this work and opened on 22-12-2017 inserting PVC clause as approved by CELE. This tender had to be discharged for the following reasons:

FA&CAO vide letter No. AC/FX/1465/CEE/NGP/17/675 dtd 19-12-2017 has cancelled the wage escalation clause agreed for said work. It is also advised to review the proposal in terms of Note 2 (e) under item No. 37 (a) of Part A of Model SOP which states that “Outsourcing should be done only in terms of area/activity and not in terms of manpower”. (P-10)

The said work is being carried out at ELS/KYN on activity wise rates in the past. Present estimate is also activity wise as mentioned in Model SOP. However manpower is taken into account only for assessing element of escalation over last accepted rates in the estimate.

Further PCME’s letter No.M.16B.Chg.Proposal dated 24-01-2018 (P-11-13) communicated guidelines for (a) Minimum stipulation of staff (b) Applicable PVC percentages and (c) Indices for PVC calculation in respective contracts of mechanical department. In this letter, for depot cleaning, minimum no. of staff is stipulated and for PVC two options are given:

Option 1 : If the tender schedule does not stipulate the minimum deployment of manpower, 70% of the work should be treated as labour components and should be compensated for proportionate increase in minimum wages. No PVC other than labour shall be applicable.

Option 2: If the tender schedule stipulates minimum deployment of manpower, any escalation in minimum wages should be compensated by Railway Administration. No PVC other than labour shall be applicable. (This has the sanction of GM/CR.)

Further in para No.2.3 of above letter PVC component in station cleaning contract duly concurred by HQ finance is given as under:

For station cleaning contracts (wherein the minimum deployment of manpower is specified in the tender schedule/ contracts), any escalation in minimum wages would be compensated by Railway Administration. No PVC other than labour shall be applicable.

The estimate for subject work is worked out on the basis of activity wise LAR duly updating the rates based on escalation on account of minimum wages. As detailed in Rate Analysis, (P-3) this work involves labour and some other components i.e. material/Stores, Tools & Tackles, Transportation and Hiring etc. But major component is labour portion which is contributing **89.85%** of total cost. Material is consumable which is required to carry out the subject work. No separate payment is to be made for material portion. Thus minimum no. of labours needs to be specified to ensure quality of services and timely availability of services, in accordance with past experience in tender conditions.

Contd..2

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Considering this aspect in view, following PVC clause is framed ( based on the option 2 and para 2.3 for station cleaning contract of above PCME’s letter) for inclusion in the tender schedule of subject mentioned work:

**“Any escalation in minimum wages shall be compensated by Railway Administration. The minimum wages as notified by Chief Labour Commissioner prevailing on the date of opening of tender including postponement of tender opening date if any, shall be taken as base rate for calculation of wage escalation on account of revisions in wages by CLC. In case of negotiations, the date of negotiation will be considered for deciding the base rate. Any increase/ decrease in the wages notified by CLC will be multiplied by actual number of labourers employed as per the certificate in the Measurement Book for calculating the statutory wage escalation element subject to production of documentary evidence for increase/ decrease in minimum wages of labour as notified by CLC. The wages as notified by CLC will be for “Industrial Workers employed in Sweeping and Cleaning excluding activities prohibited under the Employment of Manual Scavengers and Construction of Dry Latrines (Prohibition) Act, 1993.” No PVC other than labour shall be applicable.**

In view of the above, it is requested to kindly accord SAG approval with FA&CAO concurrence to incorporate PVC Clause in the subject tender similar to PVC Clause as per Option No. 2 which is having sanction of GM as mentioned in PCME’s letter No.M.16B.Chg.Proposal dated 24-01-2018

**(अनुभव वार्ष्णेय)**

वरि०मंडल विद्युत् इंजिनियर

(क.च.स्टॉक) कल्याण

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सं. ELSKYN/RS/T/PWP/2018-19 दिनांक: 08/02/2018

मुख्य विद्युत लोको इंजीनियर

मध्य रेल / सी एस टी एम

**(ध्यानार्थ: श्री जी० सी० सोलंकी, उप मुख्य बिजली इंजीनियर/ ईएम)**

Sub: KYN (Electric Loco Shed) : Renovation of machine section including

repairs to inspection pits, EOT Gantry, Surface by Hardonite flooring

of various sections of Electric Loco Shed, Kalyan

(Sanctioned work in WP 2018-19, PH -42)

Ref : Sr.DFM/CSMT’s letter No.BB/AC/FX-V/WP/2018-19/2485 dated 02-02-2018

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Subject mentioned work has been sanctioned by Railway Board in Works Programme 2018-19 vide Pink Book Item No. 679 at a total cost of Rs 6,75,87,000/- chargeable to RRSK. (Copy enclosed)

This proposal was proposed at an abstract cost of Rs 6,75,87,000/- and it was containing civil portion of work at a total cost of Rs 4,40,90,758/- and electrical portion of work at a total cost of Rs 2,34,96,117/-. Provision of Elect (G) and M&P was under electrical abstract estimate.

Consolidated Detailed Estimate for subject work was prepared by Sr.DEN(NE) CSMT at a total cost of Rs 6,75,87,021/-. However Sr.DFM/CSMT has vetted the estimate at a total cost of Rs 6,38,73,322/- as detailed below:

|  |  |  |  |
| --- | --- | --- | --- |
| Sr.No. | Department | Proposed Cost in Rupees | Vetted cost in Rupees |
| 1 | Civil | 5,26,43,301.00 | 5,16,15,399.00 |
| 2 | Electrical (G) | 26,58,499.00 | 26,58,499.00 |
| 3. | Furniture | 26,85,797.00 | 0.00 |
| 4. | Cost of M&P | 95,99,424.00 | 95,99,424.00 |
|  | TOTAL | 6,75,87,021.00 | 6,38,73,322.00 |

Provision of furniture at a cost of Rs 26,85,797/- has been deleted by Sr.DFM/CSMT from estimate stating that as there is no provision for furniture in the proposed and abstract cost, the inclusion of furniture cost cannot be agreed to.

The provision of furniture in abstract estimate at proposal stage/ abstract cost was left due to oversight and during clubbing of two separate proposal as decided in GM’s meeting, but this is essentially required for proposed renovation work, hence this was included in detailed estimate.

Under the above work, renovation of machine, wheel, beam and gear case sections are to be carried out. Presently sufficient furniture is not available in these section also the existing furniture is very old and almost in damaged condition. Moreover holding of locomotives is increasing gradually and present holding of ELS/KYN is 201 locos. RDSO vide Annexure III A – List 7 of Technical Circular No. RDSO/2012/EL/TC/0121 (Rev 0) recommended to provide adequate quantity of furniture items as per requirement. (Copy enclosed). No furniture is procured from long time proportionate to increased holding of locos.

As there is restriction in procurement of furniture under Revenue, the same can be procured under such works chargeable to demand No. 16.

The sanctioning of subject estimate is within the powers of SG/JAG as per item No. 2 (A) (i) of Model SOP 2017. As per Note No.4 of this item, the excess over the abstract cost upto 100% due to escalation and due to other than escalation up to 20% is within the powers of sanctioning authority of estimate. In subject estimate, there is no excess over the abstract cost even after inclusion of furniture cost of Rs 26,85,797/-.

Accordingly, the matter was discussed with Sr.DFM/CSMT. He has stated that provision of furniture can be included in detailed estimate with approval of PHOD.

In view of the above, it is requested to kindly obtain approval of CEE/C.Rly for provision of furniture at a total cost of Rs 26,85,797/- in above estimate so that the same can be included at very initial stage of sanctioning of detailed estimate.

**(अनुभव वार्ष्णेय)**

वरि०मंडल विद्युत् इंजिनियर

(क.च.स्टॉक) कल्याण

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सं. ELS/KYN/WKS/2017/02/Upkeeping दिनांक: 07/02/2018

मुख्य विद्युत लोको इंजीनियर

मध्य रेल / सी एस टी एम

**(ध्यानार्थ: श्री जी० सी० सोलंकी, उप मुख्य बिजली इंजीनियर/ ईएम)**

**विषय**: PVC for the work of Maintenance and up-keeping of Electric Loco Shed, Kalyan and Trip Shed at CSTM, VVH, LNL and IGP for a period of two years.

संदर्भ: (i) HQ’s letter No. L.253.AC.Divn works dated 10-11-2017

(ii) FA&CAO’s letter No.AC/FX/1465/CEE/BB/17/641 dated 06-11-2017.

(iii) FA & CAO’s letter No.AC/FX/1465/CEE/NGP/17/675 dated 19-12-2017.

**\*\*\*\***

CELE’s approval for PVC for subject work was conveyed to this office vide letter referred at Sr.No.(i) duly concurred by FA&CAO vide letter under reference at Sr.No.(ii).

Tender was called for this work and opened on 22-12-2017 inserting PVC clause as approved by CELE. This tender is not yet finalized for following reasons:

FA&CAO vide letter No. AC/FX/1465/CEE/NGP/17/675 dtd 19-12-2017 has cancelled the wage escalation clause agreed for said work. It is also advised to review the proposal in terms of Note 2 (e) under item No. 37 (a) of Part A of Model SOP which states that “Outsourcing should be done only in terms of area/activity and not in terms of manpower”.

The said work is being carried out at ELS/KYN on activity wise rates in the past. Present estimate is also activity wise as mentioned in Model SOP. However manpower is taken into account only for assessing element of escalation over last accepted rates.

Further PCME’s letter No.M.16B.Chg.Proposal dated 24-01-2018 communicated guidelines for (a) Minimum stipulation of staff (b) Applicable PVC percentages and (c) Indices for PVC calculation in respective contracts of mechanical department. In this letter, for depot cleaning, minimum no. of staff is stipulated and for PVC two options are given:

Option 1 : If the tender schedule does not stipulate the minimum deployment of manpower, 70% of the work should be treated as labour components and should be compensated for proportionate increase in minimum wages. No PVC other than labour shall be applicable.

Option 2: If the tender schedule stipulates minimum deployment of manpower, any escalation in minimum wages should be compensated by Railway Administration. No PVC other than labour shall be applicable. (This has the sanction of GM/CR.)

Further in para No.2.3 of above letter PVC component in station cleaning contract duly concurred by HQ finance is given as under:

For station cleaning contracts (wherein the minimum deployment of manpower is specified in the tender schedule/ contracts), any escalation in minimum wages would be compensated by Railway Administration. No PVC other than labour shall be applicable.

The estimate for subject work is worked out on the basis of activity wise LAR duly updating the rates based on escalation on account of minimum wages. As detailed in Rate Analysis, this work involves labour and some other components i.e. material/Stores, Tools & Tackles, Transportation and Hiring etc. But major component is labour portion which is contributing **89.85%** of total cost. Material is consumable which is required to carry out the subject work. No separate payment is to be made for material portion. Thus majorly 42 labours (30 labours at ELS/KYN and 12 labours at 4 out-depots @ 3 labour each) for 2 years will be required to carry out the work. This is assessed on the basis of past experience. Rates for minimum wages are adopted from CLC’s order No.1/13 (5)/2017-LS-II dated 17-03-2017. In addition to maintenance and up-keeping (cleaning) of covered/ uncovered shed premises, other activities like maintenance of gardens, loading/ unloading and stacking of metallic scrap at nominated place, loading/unloading/ transportation of MS Scrap and Zero Value Items are also carried out by contractor’s manpower.

As sanctioned estimate is activity wise, requirement of manpower will not be reflected in Schedule of Rates in which rates are to be quoted by tenderer.

In view of the above, it is requested to kindly suggest, accord SAG approval with FA&CAO concurrence to incorporate applicable price variation clause in the subject tender.

**(अनुभव वार्ष्णेय)**

वरि०मंडल विद्युत् इंजिनियर

(क.च.स्टॉक) कल्याण

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सं०. केवायएन/आरएसटी/240/एसआई- रिहेब/2011 दिनांक: 13.02.2018

मुख्य विद्युत लोको इंजीनियर

मध्य रेल / सी एस टी एम

**(ध्यानार्थ: श्री जी० सी० सोलंकी, उप मुख्य बिजली इंजीनियर/ ईएम)**

**विषय**: LOA No. L.253.AC.2012/PCB/SI UNIT dated 04/04/2014 for Repair cum

Rehabilitation of PCB cards of SI unit for AC/DC Elect. Locos -65 Sets

संदर्भ: Your letter No.L.253.AC.2012/PCB/SIUNIT dated 21-09-2016.

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As desired vide above referred letter, the para-wise remarks on the information asked are given below:

1. The original schedule quantity of 65 Loco Set’s PCB was completed on 03-02-2017. Last lot of 5 Loco Sets against Lifting Order No.14 dated 08-11-2016 was supplied duly rehabilitated in two lots of (i) 3 Loco Sets on 22-12-2016 and (ii) 2 Loco Sets on 03-02-2017.

Further the details of each lot of 20 loco sets increased vide letter No. L.253.AC.2012/PCB/SI Unit dated 23-02-1027 is as under;

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Sr.  No. | Lifting Order No. | Lot No. | No. of Cards/ No. of Locos | Date of Lifting | Delivery Challan No. & Date | Date of receipt |
| 1. | 15 dtd  19-04-17 for 10 Sets = 140 Cards | 15 (Pt I) | 56/  4 Locos | 03-05-2017 | 17030 dtd 29-05-2017 | 29-05-2017 |
| 15 (Pt II) | 56/  4 Locos | 25-07-2017 | 17301 dtd 09-09-2017 | 09-09-2017 |
| 15 (Pt III) | 28/  2 Locos | 25-09-2017 | 17502 dtd 17-11-2017 | 18-11-2017 |
| 2. | 16 dtd  01-12-17 for 10 Sets = 140 Cards | 16 (Pt I) | 56/  4 Locos | 13-12-2017 | 17638 dtd 16-01-2018 | 16-01-2018 |
| 16 (Pt II) | 28/  2 Locos | 16-01-2018 | With firm. Yet to be supplied. | -- |
| 16 (Pt III) | 56/  4 Locos | Yet to be given to firm | -- | -- |

1. No delay on firm’s account in delivery of materials. Cards for repairs cum rehabilitation were issued to firm by Railway in phased manner when released from locomotives.
2. There is no loss to Railways due to extension in completion period as asked by firm.
3. Out of increased qty of 20 sets, work of 14 sets have been completed. Cards of 2 loco sets lifted on 16-01-2018 are with firm. Balance cards for 4 loco sets is yet to be issued to firm for repair cum rehabilitation.

The extension of completion period may please be given accordingly.

**(अनुभव वार्ष्णेय)**

वरि०मंडल विद्युत् इंजिनियर

(क.च.स्टॉक) कल्याण

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| **मध्य रेल**  वरिष्ठ मंडल विद्युत अभियंता (कचस्टॉक) कार्यालय  विद्युत लोको शेड, कल्याण – ४२१ ३०१-  फोन / फैक्स:- 0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301.  Email :- srdeetrskyncrly@gmail.com |

सं०.: ईएलएसकेवाईएन/वर्क्स/लेबर दिनांक: 16.01.2018

मुख्य विद्युत लोको इंजीनियर

मध्य रेल / सी एस एम टी

**(ध्यानार्थ: श्री जी० सी० सोलंकी, उप मुख्य बिजली इंजीनियर/ ईएम)**

**विषय**: Provision in respect of the contract workers on I/R.

**संदर्भ:**  Your letter No.L.253.AC.Misc dated 19-12-2017**.**

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The information regarding Contract Labours employed at ELS/KYN is as given below in requisite format:

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| S  N | Title of Contract | LOA Details | | | Name of Contractor | Whether new rates of min. wages w.e.f. 01-04-17 are being paid to the contract worker (Y/N) | Mode of Payment to contract workers  (Bank/ Cheque/ Cash) | Whether PF is deducted and the same is credited to the PF account | Whether medical facilities from ESI are made available to contract workers (Y/N) | Issue of slips towards payment made to contract workers to bring out transparency in the system  (Y/N) |
|  |  | LOA No. | LOA Date | Completion Date |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
| 1. | Maintenance and up-keeping of Electric Loco Shed and Trip Shed at CSTM, VVH, IGP and LNL for period of 2 years. | ELS/KYN/WKS/ 2014/07 | 08-06-2015 | 10-06-15 to  09-06-17.  Extended for 6 months upto  09-12-17 further extended for 2 months i.e. upto 09-02-18 | M/s Bandhkam Sahakari Mandal Ltd, Kalyan | Y | Cash  Duly Witnessed by Railway’s representative | N  Not applicable being a registered Co-op Society | N | N  Payment is disbursed to workers taking sign/ thumb impression on paysheet against their individual name and amount. |

**(अनुभव वार्ष्णेय)**

वरि०मंडल विद्युत् इंजिनियर

(क.च.स्टॉक) कल्याण

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| **मध्य रेल**  वरिष्ठ मंडल विद्युत अभियंता (कचस्टॉक) कार्यालय  विद्युत लोको शेड, कल्याण – ४२१ ३०१-  फोन / फैक्स:- 0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301.  Email :- srdeetrskyncrly@gmail.com |

No. ELSKYN/WORKS/Labour Date : 16-01-2018

**DRM/ BB**

Sub: Certification regarding payment of Minimum Wages

Ref: DRM/BB’s Note No. BB.DRM.BO.14 dated 15-01-2018.

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Certified position regarding Contract Labours employed at ELS/KYN is as given below :

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| S  N | Title of Contract | LOA Details | | | Name of Contractor | Whether new rates of min. wages w.e.f. 01-04-17 are being paid to the contract worker (Y/N) | Mode of Payment to contract workers  (Bank/ Cheque/ Cash) | Whether PF is deducted and the same is credited to the PF account | Whether medical facilities from ESI are made available to contract workers (Y/N) | Issue of slips towards payment made to contract workers to bring out transparency in the system  (Y/N) |
|  |  | LOA No. | LOA Date | Completion Date |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
| 1. | Maintenance and up-keeping of Electric Loco Shed and Trip Shed at CSTM, VVH, IGP and LNL for period of 2 years. | ELS/KYN/WKS/ 2014/07 | 08-06-2015 | 10-06-15 to  09-06-17.  Extended for 6 months upto  09-12-17 further extended for 2 months i.e. upto 09-02-18. | M/s Bandhkam Sahakari Mandal Ltd, Kalyan | Y | Cash  Duly Witnessed by Railway’s representative | N  Not applicable being a registered Co-op Society | N | N  Payment is disbursed to workers taking sign/ thumb impression on paysheet against their individual name and amount. |

**(Anubhav Varshney)**

**Sr.DEE (TRS) Kalyan**

Copy : Sr.DFM/CSTM : For information please.

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| मध्य रेल  वरिष्ठ मंडल विद्युत अभियंता (कचस्टॉक) कार्यालय  विद्युत लोको शेड, कल्याण – ४२१ ३०१-  फोन / फैक्स:- 0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301.  Email:- [srdeetrskyncrly@bb.railnet.gov.in](mailto:srdeetrskyncrly@bb.railnet.gov.in) |

सं०. इएलएसकेवाईएन/वर्क्स/2017/12/एसएसपैनल दिनांक: 10.01.2018

मुख्य विद्युत इंजीनियर

मध्य रेल / सी एस टी एम

**(ध्यानार्थ: श्री जी० सी० सोलंकी, उप मुख्य बिजली इंजीनियर/ ईएम)**

**विषय**: Annual Maintenance Contract (AMC) of 22KV HT SF6 VCB panel of new

Substation at Electric Loco Shed Kalyan for 2 years.

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ELS/ Kalyan served both DC and AC locomotives. After conversion of 1500V DC to 25 KV AC lines, several changes took place in electric loco shed Kalyan. One of the changes is conversion of substation. Previously the shed electric supply was on 2.2 KV /415 volts 3x500 KVA transformer and after conversion of DC traction into AC traction, this substation was closed and New substation of 25 KV/440V was erected by General Service BB. But the maintenance of the same has to be done by the shed.

This New Sub-station was commissioned on Aug 2015 to cater the electric power supply to shed. Itis provided with 02 Nos. of 1000 KVA dry type transformers and 22 KV HT panel. Since the warranty period of HT Panel was one year, this HT panel is out of warranty/guaranty now. This HT panel has following equipments:

1. ABB make safe plus RMU IEC 60298 Panel, SF6 CB Compact VCB - 05 Nos.
2. Protection Relay ADR141S Panel: Qty 04 Nos.
3. Multi functional analyzers: Qty 02 Nos.
4. Battery Charger System for RMU along with SMF batteries.

The above items are to be checked periodically and need overhauling on regular basis for reliability and proper functioning of ON/OFF system including protection relays. Failure of any of these items may interrupt the power supply of Shed. In case of failure of HT panel there is no other alternate arrangement to feed the load of the shed. Under such circumstances there will be no power in shed and thus loco outage will be affected badly.

These items require expert HT professionals, specialized maintenance with infrastructural facility and materials Since there are no infrastructural facilities, expert manpower and required material available for servicing/ repairing of these items, this work has to be get done through outside agency.

Accordingly proposal along with estimate No. ELSKYN/WKS/2017/10 dated 29-07-2017 at a total cost of Rs 11,46,600/- for AMC with optional spares for two yrs was sent to Sr.DFM/CSTM for concurrence and vetting. (Copy enclosed)

Sr.DFM/CSMT vide letter No.BB/AC/FX/I/TRS/Prop/20332 dated 17-08-2017 (Copy enclosed), concurred the proposal and vetted the estimate stating that this will require the sanction of ADRM/DRM in terms of item No. 6.01 (a) of SOPGEN 2017.

Accordingly said proposal and estimate was sent to ADRM/BB for sanction. The proposal was returned with the remark that “Technical approval from HQ to carry out the work” is required (Copy enclosed).

As per item No.19 (A) of Part C of Model SOP 2017, sanctioning of this proposal is within the powers of ADRM/DRM. (Copy enclosed)

Scope of work and specification for said work (Explanatory Notes of Tender Schedule) has been prepared. It is requested to kindly accord HQ’s technical approval to carry out the subject work through works contract at divisional level and also to approve the enclosed technical specification of the said work, so that sanction from ADRM can be obtained and case may be processed further.

**(अनुभव वार्ष्णेय)**

वरि०मंडल विद्युत् इंजिनियर

(क.च.स्टॉक) कल्याण

संलग्नक : उपरोक्त

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| मध्य रेल  वरिष्ठ मंडल विद्युत अभियंता (कचस्टॉक) कार्यालय  विद्युत लोको शेड, कल्याण – ४२१ ३०१-  फोन / फैक्स:- 0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301.  Email :- srdeetrskyncrly@gmail.com |

सं०. केवाईएन/आर/एस/टी/रिवेर्सेर/2011 दिनांक: 23.12.2017

मुख्य विद्युत लोको इंजीनियर

मध्य रेल / सी एस टी एम

**(ध्यानार्थ: श्री जी० सी० सोलंकी, उप मुख्य बिजली इंजीनियर/ ईएम)**

**विषय**: LOA No.L.253.AC.2012/J Pt.II dated 21-05-2015 for Up-gradation of

existing 1000 amp Reverser into 1500 Amp reverser in AC locomotives,

Qty – 324 Nos.

संदर्भ: (i) This office letter of even No. dated 06-10-2017.

(ii) HQ’s lifting order -6, No.L.253.AC.2012/J.Pt. dated 15-12-2017.

**\*\*\*\*\***

Vide this office letter of even No. dated 06-10-2017, lifting order for quantity of 16 Nos. reversers was asked.

Lifting Order No.6 (L.253.AC.2012/J.Pt. dated 15-12-2017) has been issued to the contractor accordingly by HQ and this shed was advised to send the same to ELS/AQ.

In the mean time, quantity of reverser on shop floor has been increased from 16 Nos. to 17 Nos. which require up-gradation from 1000 Amps to 1500 Amps and can be sent to ELS/AQ so as to issue the same to the contractor. This is the final quantity of ELS/KYN.

It is therefore requested to kindly revise your lifting order for KYN’s quantity of 17 Nos instead of 16 Nos. These 17 Nos. reversers have been dispatched to ELS/AQ today.

(हेमंत जिंदल)

मंडल विद्युत् इंजिनियर

(क.च.स्टॉक) कल्याण

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| **मध्य रेल**  वरिष्ठ मंडल विद्युत अभियंता (कचस्टॉक) कार्यालय  विद्युत लोको शेड, कल्याण – ४२१ ३०१-  फोन / फैक्स:- 0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301.  Email :- srdeetrskyncrly@gmail.com |

सं०.: ईएलएसकेवाईएन/वर्क्स/लेबर दिनांक: 20.12.2017

मुख्य विद्युत लोको इंजीनियर

मध्य रेल / सी एस एम टी

**(ध्यानार्थ: श्री जी० सी० सोलंकी, उप मुख्य बिजली इंजीनियर/ ईएम)**

**विषय**: Provision in respect of the contract workers on I/R.

**संदर्भ:**  Your letter No.L.253.AC.Misc dated 19-11-2017**.**

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The information regarding Contract Labours employed at ELS/KYN is as given below in requisite format:

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| S  N | Title of Contract | LOA Details | | | Name of Contractor | Whether new rates of min. wages w.e.f. 01-04-17 are being paid to the contract worker (Y/N) | Mode of Payment to contract workers  (Bank/ Cheque/ Cash) | Whether PF is deducted and the same is credited to the PF account | Whether medical facilities from ESI are made available to contract workers (Y/N) | Issue of slips towards payment made to contract workers to bring out transparency in the system  (Y/N) |
|  |  | LOA No. | LOA Date | Completion Date |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
| 1. | Maintenance and up-keeping of Electric Loco Shed and Trip Shed at CSTM, VVH, IGP and LNL for period of 2 years. | ELS/KYN/WKS/ 2014/07 | 08-06-2015 | 10-06-15 to  09-06-17.  Extended for 6 months upto  09-12-17 | M/s Bandhkam Sahakari Mandal Ltd, Kalyan | Y | Cash  Duly Witnessed by Railway’s representative | N  Not applicable being a registered Co-op Society | N | N  Payment is disbursed to workers taking sign/ thumb impression on paysheet against their individual name and amount. |

With reference to above mentioned correspondence, annexure wise remarks on the items No.5 & 31 pertaining to this office are given in enclosed sheets.

**(अनुभव वार्ष्णेय)**

वरि०मंडल विद्युत् इंजिनियर

(क.च.स्टॉक) कल्याण

प्रति : Dy.CEE/G/HQ – for information please in connection with letter No.

L.531.P.1 dated 14-11-2017.

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| --- | --- | --- |
| **मध्य रेल**  वरिष्ठ मंडल विद्युत अभियंता (कचस्टॉक) कार्यालय  विद्युत लोको शेड, कल्याण – ४२१ ३०१-  फोन / फैक्स:- 0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301.  Email :- srdeetrskyncrly@gmail.com |

सं०.: ईएलएसकेवाईएन/वर्क्स/लेबर दिनांक: 13.12.2017

मुख्य विद्युत लोको इंजीनियर

मध्य रेल / सी एस एम टी

**(ध्यानार्थ: श्री जी० सी० सोलंकी, उप मुख्य बिजली इंजीनियर/ ईएम)**

**विषय**: DP No.CR-13/2016-17- Theme based Audit on Non-compliance to

statutory requirements by the Railways in engagement of Contract

Labour

**संदर्भ:** (i) Your letter No.L.253AC.Audit dated 13-11-2017**.**

(ii)Principal Director of Audit’s letter No.AU/Report/DP13/CR/2016-17/

3517 dated 10-09-2017.

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With reference to above mentioned correspondence, annexure wise remarks on the items No.5 & 31 pertaining to this office are given in enclosed sheets.

**(अनुभव वार्ष्णेय)**

वरि०मंडल विद्युत् इंजिनियर

(क.च.स्टॉक) कल्याण

संलग्नक : Annexure in 4 sheets

प्रति : Dy.CEE/G/HQ – for information please in connection with letter No.

L.531.P.1 dated 14-11-2017.

DRAFT

No.L.253.AC.2012/DBR Vol II Date : 05-12-2017

M/s Daulat Ram Industries,

141- Sec, IIDC, Integrated Industrial Estate,

Ranipur, Haridwar – 249 403 (Uttrakhand)

Dear Sir,

Sub:The work ofcomplete Repair, Reconditioning, Testing & Supply

of Dynamic Braking Resistance for AC Locomotives.

Ref : 1. This office LOA No. L.253.AC.2012/DBR Vol II dt. 03/12/2015

2. This office Lifting Order No.2 dtd. 19/08/2016 and Lifting Order

No.4 dtd. 05/05/2017.

3. ELS/KYN’s letter No.KYN.RS.T.240.DBR.2011 dtd 13/07/2017

followed by reminder dated 31-08-2017 to M/s DRI.

4. ELS/KYN’s letter No. KYN.RS.T.240.DBR.2011 dtd 16/09/2017

to HQ.

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Vide this office LOA at ref (1), the subject work is awarded to your firm. Further vide this office letters at ref (2), lifting orders are issued for the qty of ELS/KYN as detailed below:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Shed/ Shop | Lifting Order Details | Qty | | |
| Schedule item-1 | Schedule item-2 | Schedule item-3 |
| ELS/KYN | No.2 dtd. 19/08/2016 (No.L.253.AC. 2012/ DBR Vol II) | 8 | 0 | 8 |
| ELS/KYN | No.4 dtd. 05/05/2017 (No.L.253.AC. 2012/ DBR Vol II) | 8 | 2 | 4 |

8 Nos. DBR (Sch. Item No.1) and 8 Nos. MVRF (Sch.Item No.3) were lifted by you on 21-12-2016 for repair and reconditioning against lifting order No.2. dtd 19-08-2016. Out of which you have supplied only schedule item No.1 (8 Nos.DBR) on 06/03/2017. 100% payment for the same has been released. 8 Nos. of Schedule item-3 (MVRF) lifted by you on 21-12-2016 are still lying at your premises from last about 12 months.

As per requirement of ELS/KYN, Lifting Order No.4 as mentioned above was issued by this office. It is regretted to state that you have not lifted the material till date.

Inspite of reminders given by ELS/KYN telephonically as well as vide letter No. KYN.RS.T.240.DBR.2011 dated 13-07-2017 & 31-08-2017, you have not completed the work. This abnormal delay on your account is viewed seriously by this administration.

Lot of problems is faced for want of above materials.

You are once again advised to arrange to complete the above work against the subject contract immediately, failing which Railway shall be constrained to take further action as per the contract stipulations.

Thanking you

Yours faithfully

(R.P.Sharma)

Chief Electrical Engineer

Central Railway, Mumbai CSMT.

For and on behalf of President of India

C/- Sr.DEE/TRS/KYN : for information please.

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| **मध्य रेल**  वरिष्ठ मंडल विद्युत अभियंता (कचस्टॉक) कार्यालय  विद्युत लोको शेड, कल्याण – ४२१ ३०१-  फोन / फैक्स:- 0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301.  Email :- srdeetrskyncrly@gmail.com |

सं०. केवायएन/आरएसटी/240/एसआई- रिहेब/2011 दिनांक: 28.11.2017

मुख्य विद्युत लोको इंजीनियर

मध्य रेल / सी एस टी एम

**(ध्यानार्थ: श्री जी० सी० सोलंकी, उप मुख्य बिजली इंजीनियर/ ईएम)**

**विषय**: LOA No. L.253.AC.2012/PCB/SI UNIT dated 23/02/2017 for Repair cum

Rehabilitation of PCB cards of SI unit for AC/DC Elect. Locos -85 Sets

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140 Nos. defective PCB Cards are lying in section for repair and rehabilitation. These can be given to firm for necessary repair cum rehabilitation works as per terms and conditions of subject contract. Summary of these cards is as below

|  |  |  |  |
| --- | --- | --- | --- |
| Sr. No. | Card No. | Description | Qty |
| 1 | X 101 | Optical Fiber Command Card | 10 Nos. |
| 2 | X113 | Relay output Board | 10 Nos. |
| 3 | X117 | Relay output Board | 10 Nos. |
| 4 | X 209 | IGBT Command Card | 10 Nos. |
| 5 | X 213 | Analog input Board | 10 Nos. |
| 6 | X 217 | Analog input Board | 10 Nos. |
| 7 | X 232 | Power Supply | 10 Nos. |
| 8 | X 223 | CPU Card | 10 Nos. |
| 9 | A4 U4 | IGBT Gate driver | 30 Nos. |
| 10 | A1 U7 | GTO Gate driver | 10 Nos. |
| 11 | A1 HV | High Voltage detection card | 10 Nos. |
| 12 | A12 U2 | BOD Card | 10 Nos. |
|  |  | Total | **140 Nos.** |

In view of the above, lifting order may please be issued for 140 Nos. of Cards as detailed above.

**(अनुभव वार्ष्णेय)**

वरि०मंडल विद्युत् इंजिनियर

(क.च.स्टॉक) कल्याण

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| **मध्य रेल**  वरिष्ठ मंडल विद्युत अभियंता (कचस्टॉक) कार्यालय  विद्युत लोको शेड, कल्याण – ४२१ ३०१-  फोन / फैक्स:- 0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301.  Email :- srdeetrskyncrly@gmail.com |

सं०. ईएलएसकेवाईएन/वर्क्स/२०१६/14/स्प्रिंग टेस्टिंग मशीन दिनांक: 22.10.2017

मुख्य विद्युत लोको इंजीनियर

मध्य रेल / सी एस टी एम

**(ध्यानार्थ: श्री एम० एस० बापट, उप मुख्य बिजली इंजीनियर/ ईएम)**

**विषय**: Renovation, Testing and Commissioning of “Peeco” make Spring Scragging

and Load Deflection Testing Machine Capacity : 30 Tons/ 700 mm stroke.

**संदर्भ:** Your office letter No.742.Loco.S.41 dated 29-09-2016 in connection with queries

raised by FA&CAO.

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* A proposal for “Renovation, Testing and Commissioning of PEECO make “Spring Scragging and Load Deflection Testing Machine-30 Ton, 700 mm stroke” at a total cost of Rs 8,24,000/- was initially vetted by Sr.DFM/CSMT vide letter No.BB/AC/FX/I/TRS/Prop/15789 dtd 05-08-2016 for obtaining FA&CAO’s concurrence and AGM’s sanction in terms of item No. 6.25 (a) of SOPGEN 2007.
* This proposal was forwarded to HQ vide this office letter of even No. dated 18-08-2016.
* Queries raised by FA&CAO were conveyed by HQ to this office vide letter No.L.742.Loco.S.41 dated 29-09-2016.
* These queries were replied to HQ vide this office letter of even No. dated 07-11-2016.
* The proposal is awaiting required concurrence and sanction till date.
* Initially when this proposal was processed, powers delegated to PHOD and DRM was upto Rs 2,00,000/- in each case with an annual ceiling limit of Rs 10,00,000/- in terms of item No. 6.25 (a) of SOPGEN 2007- CS No.8. As estimated cost of subject work was Rs 8,24,000/-, AGM’s sanction was required.
* In the mean time SOPGEN – Chapter VI 2017 has been issued which is effective from 25-07-2017. In terms of 6.25-a-I of SOPGEN-2017, PHOD is having full power with an annual ceiling limit of Rs 25 Lakh.
* Now the said machine is under complete breakdown. No other machine is available in shed. Due to which testing and grouping of coil spring as per RDSO’s TC No.ELRS/TC/0075-2002 (Rev 0) dated 29/31-05-2002 is not possible to be carried out which may lead to loco failure and derailment of loco.
* Testing of Sandwitch mounting for nose suspension of TM as per SMI No. ELRS/SMI/186 was carried out on this machine. After dropping of a TM in service, RDSO vide TC No. RDSO/2014/EL/TC/0126 Rev 0 dated 25-03-2014 reiterated to check sandwitch mounting as per SMI 186 to prevent dropping of TM/ derailment on line. After repairs, this machine can be nominated for testing of sandwitch mounting in addition to becoming a standby for the new machine, being a critical safety item.
* One Spring Scragging and Load Deflection Testing Machine sanctioned vide Item No. RB/157 of 2016-17-M&P Programme is under procurement through COFMOW. This machine is getting delayed.
* It is therefore requested to kindly accord CEE/C.Rly’s sanction to the said proposal of “Renovation, Testing and Commissioning of PEECO make “ Spring Scragging and Load Deflection Testing Machine-30 Ton, 700 mm stroke” at a total cost of Rs 8,24,000/- already vetted by Sr.DFM/CSMT, so that the proposal can be processed further.

**(अनुभव वार्ष्णेय)**

मंडल विद्युत् इंजिनियर

(क.च.स्टॉक) कल्याण

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| **मध्य रेल**  वरिष्ठ मंडल विद्युत अभियंता (कचस्टॉक) कार्यालय  विद्युत लोको शेड, कल्याण – ४२१ ३०१-  फोन / फैक्स:- 0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301.  Email :- srdeetrskyncrly@gmail.com |

सं०. ईएलएसकेवाईएन/टी/239/यूएफडब्लूएल/एएमसी/2010 दिनांक: 14.10.2017

मुख्य विद्युत इंजीनियर

मध्य रेल / सी एस टी एम

**(ध्यानार्थ: श्री एम० एस० बापट, उप मुख्य बिजली इंजीनियर/ ईएम)**

**विषय**: LOA No. L.253.AC.2011/PWL dated 31-01-2012 in connection with “Annual

Maintenance Contract of Under Floor Pit Wheel Lathe model LUW 170 B

at Electric Loco Shed, Ajni-Nagpur and Kalyan of Central Railway for two years.

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M/s RCR Solutions, Mumbai has carried out 8th and last visit of AMC of the Under Floor wheel Lathe machine as per scope of work of and specification of subject mentioned contract. The machine was tested on load by turning the loco wheel Sets of loco No.21934 successfully and finally accepted on 26.04.2017.

In terms of clause No.15.1 of LOA, the machine will be guaranteed for smooth working till the next quarterly schedule maintenance i.e. for the period of 3 months. Any break down of the machine during this period shall be attended by the contractor free of cost within 3 days after receipt of intimation in writing.

As machine was tested and accepted on 26-04-2017 after 8th & last schedule, guarantee period of 3 months i.e. up to 25-07-2017 shall be applicable as per above clause.

On 02.07.2017, RHS front drive roller assembly found becoming hot and smoke is noticed while turning the loco wheels. This was reported to firm immediately, but representative was sent on 03-08-2017. On checking the machine, it was found that RHS rear side drive roller is cracked. This roller was one of the four rollers which were replaced in 8th schedule which stands guarantee of 18 months as per clause No. 17.2 of LOA.

The firm have collected following materials for necessary checking, testing, repairing free of cost on 10-08-2017 (Copy of Handing over Note dtd 10-8-2017 is enclosed)

1. Drive roller shaft with bearing - 02 Sets
2. Drive Roller - 02 Nos.

Inspite of repeated reminders to firm for attending warranty failures, the firm have neither returned the material nor attended the machine till date and machine is under break down from 02-07-2017.

HQ is therefore requested to intervene in the matter and pressurize the firm to attend the machine early.

**(अनुभव वार्ष्णेय)**

मंडल विद्युत् इंजिनियर

(क.च.स्टॉक) कल्याण

During this 8th schedule following optional spares were replaced.

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| Sr.  No. | Sr.No.of Ann B3 | Description of Optional Spare | Qty | Rate | Cost |
| 1 | 1 | Set of maintenance Spares for diameter measuring device (Shaft, Disc, Bearings, Revolution Counter) | 02 Sets | 42,630 | 85,260 |
| 2 | 4 | Potentiometers with Control Knob | 02 Nos. | 10,440 | 20,880 |
| 3 | 5 | Tracer Head LH/RH | 01 No. | 41,325 | 42,325 |
| 4 | 9 | Set of Spares for copying device (Centre Pin, Thrust Washers, Bearings, Balls) | 02 Sets | 83,520 | 1,67,040 |
| 5 | 10 | Tracer Valve | 01 No. | 1,30,587 | 1,30,587 |
| 6 | 25 | Supply & Replacement of Main Drive Rollers | 04 Sets | 1,30,500 | 5,22,000 |
| 7 | 32 | Variable Vane Pump | 01 No. | 2,20,218.80 | 2,20,218.80 |
|  |  | TOTAL COST |  |  | 11,88,310.80 |

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सं. ELS/KYN/WKS/2017/02/Upkeeping दिनांक: 12/10/2017

मुख्य विद्युत लोको इंजीनियर

मध्य रेल / सी एस टी एम

**(ध्यानार्थ: श्री एम० एस० बापट, उप मुख्य बिजली इंजीनियर/ ईएम)**

**विषय**:PVC for the work of Maintenance and up-keeping of Electric Loco Shed, Kalyan and Trip Shed at CSTM, VVH, LNL and IGP for a period of two years.

**\*\*\*\***

Outsourcing for the work of Maintenance & Up keeping of Electric Loco Shed/KYN and Trip Sheds at CSTM, VVH, LNL & IGP for a period of two years is concurred by Sr.DFM/CSMT vide letter No. BB/AC/FX-I/Prop/20037 dated 02-08-2017 (P-1) and approved by DRM vide note of even No. dated 16/31-08-2017 (P- 2 to 4).

An estimate for the work prepared at a total cost of Rs 1,90,98,368/- duly vetted by Sr.DFM has been sanctioned by ADRM on 05-09-2017 (P-5 to 6).

It is proposed to incorporate Statutory “Wage Escalation Clause” in tender for the subject work.

The estimate for subject work is worked out on the basis of activity wise LAR duly updating the rates based on escalation on account of minimum wages. As detailed in Rate Analysis (P-9), this work involves labour and some other components i.e. material/Stores, Tools & Tackles, Transportation and Hiring etc. But major component is labour portion which is contributing **89.85%** of total cost. Material is consumable which is required to carry out the subject work. No separate payment is to be made for material portion. Thus majorly 42 labours (30 labours at ELS/KYN and 12 labours at 4 out-depots @ 3 labour each) for 2 years will be required to carry out the work. Rates for minimum wages are adopted from CLC’s order No.1/13 (5)/2017-LS-II dated 17-03-2017.

Considering said work as labour oriented work, it is proposed to incorporate wage escalation clause based on the number of labourers employed, in line with “Wage Escalation Clause” already agreed by FA&CAO for the similar work of COM’s office and Sr.DEE(TRS-O)’s office, which will be as under :

**“The minimum wages as notified by Chief Labour Commissioner prevailing on the date of opening of tender including postponement of tender opening date if any, shall be taken as base rate for calculation of wage escalation on account of revisions in wages by CLC. In case of negotiations, the date of negotiation will be considered for deciding the base rate. Any increase/ decrease in the wages notified by CLC will be multiplied by actual number of labourers employed as per the certificate in the Measurement Book for calculating the statutory wage escalation element subject to production of documentary evidence for increase/ decrease in labour charges as notified by CLC. The wages as notified by CLC will be for “Industrial Workers employed in Sweeping and Cleaning excluding activities prohibited under the Employment of Manual Scavengers and Construction of Dry Latrines (Prohibition) Act, 1993.”**

Sr.DFM/CSTM vide letter No.AC/BB/FX/I/TRS/Prop/20946 dated 11-10-2017 (P-10) stated that proposals relating to PVC are dealt at HQ’s level requires approval of PHOD and FA&CAO’s concurrence.

In terms of Railway Board’ letter No.2007/CE-I/CT/18 Opt 19 dtd 14-12-2012(P- 11/12) , application of PVC will require approval of SAG officer. This is also mentioned in FA&CAO’s letter No.AC/FX/1465/CEE/BB/17/641 dtd 28-07-2017.(P-13)

In view of the above, it is requested to kindly accord SAG approval with FA&CAO concurrence to incorporate “Wage Escalation Clause” in the subject tender similar to wage escalation clause concurred and approved for Sr.DEE(TRS-O)’s tender for “ Outsourcing of unloading, transportation & loading of line box of Mail/Express drives in CSTM, IGP & VVH lobbies for a period of 2 years” (P-13-14).

(हेमंत जिंदल)

मंडल विद्युत् इंजिनियर

(क.च.स्टॉक) कल्याण

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सं०. केवाईएन/आर/एस/टी/रिवेर्सेर/2011 दिनांक: 06.10.2017

मुख्य विद्युत लोको इंजीनियर

मध्य रेल / सी एस टी एम

**(ध्यानार्थ: श्री एम० एस० बापट, उप मुख्य बिजली इंजीनियर/ ईएम)**

**विषय**: LOA No.L.253.AC.2012/J Pt.II dated 21-05-2015 for Up-gradation of

existing 1000 amp Reverser into 1500 Amp reverser in AC locomotives,

Qty – 324 Nos.

**\*\*\*\*\***

Please connect this office letter of even No. dated 09-08-2017 vide which lifting order for quantity of 14 No. reverser was asked.

In the mean time, quantity of reverser on shop floor has been increased from 14 Nos. to 16 Nos. which require up-gradation from 1000 Amos to 1500 Amps and can be given to firm for the same.

The firm may please be advised to lift the 16 Nos. reverser from Electric Loco Shed, Kalyan against subject mentioned contract.

(हेमंत जिंदल)

मंडल विद्युत् इंजिनियर

(क.च.स्टॉक) कल्याण

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सं०. इएलएसकेवाईएन/वर्क्स/2014/07 दिनांक: 06.10.2017

**उप** मुख्य विद्युत इंजीनियर**/ सामान्य**

मध्य रेल / सी एस टी एम

**विषय**: Information about Labour Oriented Contract.

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Only one labour oriented contract is in progress at Electric Loco Shed, Kalyan. Desired information are as under:

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| --- | --- | --- |
| 1 | Name of Labour Orieneted Contract | Maintenance and up-keeping of Electric Loco Shed and Trip Shed at CSTM, VVH, IGP and LNL for period of 2 years. |
| 2 | LOA/ CA date and Period & Validity/ extension validity | LOA No. ELS/KYN/WKS/2014/07 dated 08-06-2015  for the period from 10-06-2015 to 09-06-2017.  Extended for 6 months upto 09-12-2017 |
| 3 | Total cost of contract | Rs 1,00,70,929/- + Rs 25,17,735/- = Rs 1,25,88,674/- |
| 4 | Rate of payment of labour category wise by contractor | The contractor is paying wages to labour as per prevailing min wages. |
| 5 | Category wise rate as per minimum wages act | Min Wages for Labour = Rs 536/- for A Class Area  Min Wages for Labour = Rs 359/- for C Class Area  w.e.f. 01-04-2017. |
| 6 | Mode of monitoring labour payment | Concerned SSE is witnessing the payment to labours. |
| 7 | Any rate variation clause and condition | No rate variation clause is in existing contract. |

(अनुभव वार्ष्णेय)

मंडल विद्युत् इंजिनियर/ प्रभारी

(क.च.स्टॉक) कल्याण

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| मध्य रेल  वरिष्ठ मंडल विद्युत अभियंता (कचस्टॉक) कार्यालय  विद्युत लोको शेड, कल्याण – ४२१ ३०१-  फोन / फैक्स:- 0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301.  Email:- [srdeetrskyncrly@bb.railnet.gov.in](mailto:srdeetrskyncrly@bb.railnet.gov.in) |

सं०. इएलएसकेवाईएन/वर्क्स/2017/12/एसएसपैनल दिनांक: 27.09.2017

मुख्य विद्युत इंजीनियर

मध्य रेल / सी एस टी एम

**(ध्यानार्थ: श्री एम० एस० बापट, उप मुख्य बिजली इंजीनियर/ ईएम)**

**विषय**: Annual Maintenance Contract (AMC) of 22KV HT SF6 VCB panel of new

Substation at Electric Loco Shed Kalyan for 2 years.

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Electric Loco Shed Kalyan served both DC Locomotives and AC locomotives. After conversion of 1500V DC to 25 KV AC lines, several changes took place in electric loco shed Kalyan. One of the changes is conversion of substation. Previously the shed electric supply was on 2.2 KV /415 volts 3x500 KVA transformer and after conversion of DC traction into AC traction, this substation was closed and New substation of 25 KV/440V was erected by General Service BB.

This New Sub-station was commissioned on Aug 2015 to cater the electric power to shed. This is provided with 02 Nos. of 1000 KVA dry type transformers and 22 KV HT panel. Since the warranty period of HT Panel was one year, this HT panel is out of warranty/guaranty now. This HT panel having following equipments:

1. ABB make safe plus RMU IEC 60298 Panel, SF6 CB Compact VCB - 05 Nos.
2. Protection Relay ADR141S Panel: Qty 04 Nos.
3. Multi functional analyzers: Qty 02 Nos.
4. Battery Charger System for RMU along SMF batteries.

The above items are to be checked periodically and need overhauling on regular basis for reliability and proper functioning of ON/OFF system including protection relays. Failure of any of these items may interrupt the power supply of Shed. In case of failure of HT panel there is no other alternate arrangement to feed the load of the shed. Under such circumstances there will be no power in shed loco outage will be affected badly.

These items require expert HT professionals, specialised maintenance with infrastructural facility and materials Since there are no infrastructural facilities, expertise manpower and required material available for servicing/ repairing of these items, this work has to be get done through outside agency.

It is therefore to proposed to enter into AMC of HT panel of new substation from outside agency for two years with provision of optional spares. M/s Shree Electrical & Engineers (India) Pvt. Ltd. has provided budgetary quotation for above said work vide L. No SEEIPL/Qtn/GEN/ 11/2017-18 dated 22.05.2017. Approximate cost for AMC with optional spares for two yrs will be Rs. 5,73,300 x 2=Rs 11,46,600/-.

A proposal and estimate the subject work at a total cost of Rs 11,46,600/- was processed for A/c’s concurrence.

Sr.DFM/CSMT vide letter No.BB/AC/FX/I/TRS/Prop/20332 dated 17-08-2017 concurred the proposal and vetted the estimate stating that this will require the sanction of ADRM/DRM in terms of item No. 6.01 (a) of SOPGEN 2017.

Accordingly said proposal and estimate was sent to ADRM for sanction. Proposal is returned as ADRM desires technical approval from HQ to carry out the work.

It is requested to kindly accord HQ’s technical approval to carry out the subject work through works contract at divisional level and also to approve the technical specification of the said work, so that sanction from ADRM can be obtained.

(अनुभव वार्ष्णेय)

मंडल विद्युत् इंजिनियर/ प्रभारी

(क.च.स्टॉक) कल्याण

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सं०. केवाईएन/आरएस/टी/240/डी.बी.आर/ 2011 दिनांक: 14.09.2017

मुख्य विद्युत इंजीनियर

मध्य रेल / सी एस टी एम

**(ध्यानार्थ: श्री एम० एस० बापट, उप मुख्य बिजली इंजीनियर/ ईएम)**

**विषय**:LOA No.L.253.AC.2012/DBR Vol II dtd 03-12-2015 for complete Repair,

Reconditioning, Testing & Supply of Dynamic Braking Resistance for AC

Locomotives.

**संदर्भ** : (i) This office letter of even No. dated 13-07-2017 and 31-08-2017

(ii) HQ’s Lifting Order No.4 – L.253.AC.2012/DBR VOl II dated 05-05-2017.

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Vide letters under reference at Sr.No. (i), two reminders were issued to M/s Daulat Ram Industries, Haridwar to expedite the work against subject mentioned contract. Copies of these letters were also sent to HQ.

Original completion period of this contract was upto 02-12-2016 which was subsequently extended upto 31-08-2017. The firm has failed to complete the work even in extended period.

8 Nos. DBR (Sch. Item No.1) and 8 Nos. MVRF (Sch.Item No.3) were lifted by the firm on 21-12-2016 for repair and reconditioning against lifting order No.2. dtd 19-08-2016.

Out of above, the firm has supplied only 08 Nos. DBR (Sch.Item No.1) duly repaired/ reconditioned vide challan No.031 dated 06-03-2017. Bill for the same has already been released. 08 Nos. MVRF for conversion (Sch.Item No.3) are lying with them for more than 8 months.

Further the firm has not lifted following materials from ELS/KYN against Lifting Order No.4 dated 05-05-2017.

1. Schedule Item No.1 – Repair of DBR – 08 Nos.
2. Schedule Item No.2 - Replacement of Fan – 02 Nos.
3. Schedule Item No.3 – Conversion of DC MVRF – 04 Nos.

Work is affecting badly for want of above materials. The firm has neither executed any work after supplying 8 Nos. DBR on 06-03-2017 nor given any plan for the same to this office.

HQ’s intervention is therefore requested in this matter and a seven days notice to the firm may please be issued from your end.

(हेमंत जिंदल**)**

**मंडल विo इंजिo (क.च.स्टॉक)**

**कृते वरि० मंडल वि० इंजि० (क.च.स्टॉक)**

**कल्याण**

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| मध्य रेल  वरिष्ठ मंडल विद्युत अभियंता (कचस्टॉक) कार्यालय  विद्युत लोको शेड, कल्याण – ४२१ ३०१-  फोन / फैक्स:- 0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301.  Email:- [srdeetrskyncrly@bb.railnet.gov.in](mailto:srdeetrskyncrly@bb.railnet.gov.in) |

सं०. ईएलएसकेवाईएन/वर्क्स/2017/07/ऑफिस व्हीकल दिनांक: 12.09.2017

मुख्य विद्युत इंजीनियर

मध्य रेल / सी एस टी एम

**(ध्यानार्थ: श्री एम० एस० बापट, उप मुख्य बिजली इंजीनियर/ ईएम)**

**विषय**: Hiring of Four Wheeler Vehicle 6 Seater , Non Ac at Electric Loco Shed Kalyan for period of two Years.

संदर्भ: FA & CAO’s letter No.AC/FX/1401/Hiring/CEE/2017 dtd 07-09-2017.

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The para-wise remarks on the finance conditions subject which concurrence is accorded vide above referred letter are as under:

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| --- | --- | --- |
| Sr.No. | FA &CAO’s concurrence conditions | Remarks |
| 1. | Availability of funds | Noted. |
| 2. | Reasonableness of rate to be ensured by competent authority. | Noted. |
| 3. | Normal tendering procedure to be followed. | Will be followed. |
| 4. | All the conditions contained in GM`s hiring policy dt. 11.03.2014 and 10.03.2017 to be followed. | Will be followed. |
| 5. | Surrender memo of drivers post, fuel imprest and submission of DS-8 note to be ensured before issue of letter of acceptance. | Noted. Will be followed. |
| 6. | No Transportation allowance to be paid to the officer utilizing the vehicle. | Noted. Will be followed. |
| 7. | It should be certified that the demand cannot be met by transfer from one of the work on hand or completed. | Certified that no such work on hand/completed is available to meet the demand of having of vehicle. |
| 8. | All the condition contained in Sr.DFM`s letter No. BB/AC/FX/PROP/18550 dated 05.04.2017 to followed. | Noted and will be followed. |
| 9. | Extra Kms and extra hours to be paid on actual. | Noted. |
| 10. | Proposal will requires AGM`s sanction. | May please be processed through HQ. |

It is requested to process the above proposal for AGM`s sanction as per concurrence letter of FA&CAO.

(अनुभव वार्ष्णेय**)**

**वरिo मंo विo इंजिo (क.च.स्टॉक) / प्रभारी**

**कल्याण**

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| मध्य रेल  वरिष्ठ मंडल विद्युत अभियंता (कचस्टॉक) कार्यालय  विद्युत लोको शेड, कल्याण – ४२१ ३०१-  फोन / फैक्स:- 0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301.  Email :- srdeetrskyncrly@gmail.com |

सं०:इएलएसकेवाईएन/वर्क्स/2017/05/एस्मोन/मेधा दिनांक: 09.09.2017

मुख्य विद्युत लोको इंजीनियर

मध्य रेल / सी एस टी एम

**(ध्यानार्थ: श्री एम० एस० बापट, उप मुख्य बिजली इंजीनियर/ ईएम)**

विषय : Administrative approval for works tender to be undertaken at divisional level

and approval for technical specification of the work of “Comprehensive Annual Maintenance Contract (AMC) of Medha make Microprocessor based Speed

cum Energy Monitoring System (ESMON) fitted in Electric Locomotives as per

RDSO’ SMI No. RDSO/2016/EL/SMI/0289 (Rev 0) for a period of 3 years

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Following estimates for AMC of Microprocessor based Speed cum Energy Monitoring System (ESMON) as per RDSO’s SMI No. RDSO/2016/EL/SMI/0289 (Rev 0) for a period of 3 years duly vetted by Sr.DFM/CSTM have been sanctioned by competent authority.

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| --- | --- | --- | --- | --- |
| Sr.  No. | Estimate No. | Description | Qty | Cost |
| 1. | ELSKYN/WKS.2016/12 dtd 24-10-2016 | Comprehensive Annual Maintenance Contract of M/s AAL make ESMON for 3 years | 45 Nos. | ` 28,84,050/- |
| 2. | ELSKYN/WKS.2016/13 dtd 24-10-2016 | Comprehensive Annual Maintenance Contract of M/s Laxven make ESMON for 3 years | 16 Nos. | ` 9,54,720/- |
| 3 | ELSKYN/WKS.2017/05 dtd 04-04-2017 | Comprehensive Annual Maintenance Contract of M/s Medha make ESMON for 3 years | 106 Nos. | ` 42,16,680/- |

Further DRM’s sanction for entering into comprehensive AMC for a period of 3 years **on single tender basis** for above items has been taken vide office note dated 03-05-2017 (Copy enclosed). Now tenders for above works are proposed to be invited.

It is requested to kindly accord HQ’s administrative approval to carry out the subject work through works contract at divisional level and also to approve the technical specification of the said work which is prepared based on RDSO’s SMI No. RDSO/2016/ EL/ SMI/ 0289 (Rev 0) dated 21-06-2016.

(अनुभव वार्ष्णेय)

मंडल विद्युत् इंजिनियर/ प्रभारी

(क.च.स्टॉक) कल्याण

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| मध्य रेल  वरिष्ठ मंडल विद्युत अभियंता (कचस्टॉक) कार्यालय  विद्युत लोको शेड, कल्याण – ४२१ ३०१-  फोन / फैक्स:- 0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301.  Email :- srdeetrskyncrly@gmail.com |

सं०. ईएलएसकेवाईएन/टी/239/यूएफडब्लूएल/एएमसी/2010 दिनांक: 24.08.2017

मुख्य विद्युत लोको इंजीनियर

मध्य रेल / सी एस टी एम

**(ध्यानार्थ: श्री हरि राम, उप मुख्य बिजली इंजीनियर/ ईएम)**

**विषय**: LOA No. L.253.AC.2011/PWL dated 31-01-2012 in connection with “Annual

Maintenance Contract of Under Floor Pit Wheel Lathe model LUW 170 B

at Electric Loco Shed, Ajni-Nagpur and Kalyan of Central Railway for two years.

संदर्भ: (i) Your letter No.L.253.AC.2011/PWL dated 23-08-2017.

(ii) RCR Solution’s letter No. Nil dated 23-08-2017.

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The comments asked vide above referred letter are as under:

The firm has carried out 8th and last visit of AMC of the Under Floor wheel Lathe machine as per scope of work of contract and specification. The machine tested on load by turning the loco wheel Sets of loco No.21934 successfully and finally accepted on 26.04.2017.

Measurement book was jointly signed by shed and firm’s representative on 19-06-2017. Extended completion period of this contract was up to 05-05-2017 which was granted vide letter No.L.253.AC.2011/PWL dated 12-06-2016 with token penalty of Rs 10,000/-.

After perusing letter at ref (i) & (ii), Accounts Office was consulted and they have verbally stated that completion period should be valid up to date of measurement. In this case date of measurement is 19-06-2017 and completion period is up to 05-05-2017.

Thus suitable extension may please be granted for clearance of the firm’s bill.

As work had been completed, tested and finally accepted on 26-04-2017 i.e within extended completion period of 05-05-2017, there is no financial loss to railways due to aforesaid extension.

(अनुभव वार्ष्णेय)

मंडल विद्युत् इंजिनियर/ प्रभारी

(क.च.स्टॉक) कल्याण

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| मध्य रेल  वरिष्ठ मंडल विद्युत अभियंता (कचस्टॉक) कार्यालय  विद्युत लोको शेड, कल्याण – ४२१ ३०१-  फोन / फैक्स:- 0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301.  Email :- srdeetrskyncrly@gmail.com |

सं०. ईएलएसकेवाईएन/वर्क्स/2016/33/WAG-7 Piping दिनांक: 18.08.2017

मुख्य विद्युत लोको इंजीनियर

मध्य रेल / सी एस एम टी

**(ध्यानार्थ: श्री हरि राम, उप मुख्य बिजली इंजीनियर/ ईएम)**

**विषय**: Administrative approval for technical specification of the work of “Provision

of Stainless Steel Pneumatic Piping on Bogies of WAG-7 Locos, Qty -04 Nos.

संदर्भ : HQ’s Note No. L.253.AC/Div-Work dated 30-06-2017

**\*\*\*\*\***

Technical Specification for “Provision of Stainless Steel Pneumatic Piping on Bogies of WAG-7 Locos, Qty -04 Nos was sent for approval vide this office letter of even No, dated 07-06-2017.

Above specification was returned to this office for necessary correction along with Note No. L.253.AC/Div-Work dtd 30-06-2017.

Fresh copy of specification incorporating the suggested corrections along with original note No. L.253.AC/Div-Work dated 30-06-2017, CLW’s Drg No. SK No.56.063 and copy of CLW’s approved sources is sent herewith for kind approval please.

(अनुभव वार्ष्णेय)

मंडल विद्युत् इंजिनियर/ प्रभारी

(क.च.स्टॉक) कल्याण

संलग्नक : उपरोक्त

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| मध्य रेल  वरिष्ठ मंडल विद्युत अभियंता (कचस्टॉक) कार्यालय  विद्युत लोको शेड, कल्याण – ४२१ ३०१-  फोन / फैक्स:- 0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301.  Email :- srdeetrskyncrly@gmail.com |

सं०. केवाईएन/आर/एस/टी/रिवेर्सेर/2011 दिनांक: 09.08.2017

मुख्य विद्युत लोको इंजीनियर

मध्य रेल / सी एस टी एम

**(ध्यानार्थ: श्री हरि राम, उप मुख्य बिजली इंजीनियर/ ईएम)**

**विषय**: LOA No.L.253.AC.2012/J Pt.II dated 21-05-2015 for Up-gradation of

existing 1000 amp Reverser into 1500 Amp reverser in AC locomotives,

Qty – 324 Nos.

**\*\*\*\*\***

Against above mentioned contract, 15 nos. reversers of ELS/KYN have been upgraded by firm viz M/s Elco Enterprises, Kolkatta through ELS/BSL as per Lifting Order No.3 dated 13-07-2016.

At present 14 Nos. reverser are on shop floor which require up-gradation from 1000 Amos to 1500 Amps and can be given to firm for the same.

The firm may please be advised to lift the same from Electric Loco Shed, Kalyan against subject mentioned contract.

(अनुभव वार्ष्णेय)

मंडल विद्युत् इंजिनियर/ प्रभारी

(क.च.स्टॉक) कल्याण

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| **मध्य रेल**  वरिष्ठ मंडल विद्युत अभियंता (कचस्टॉक) कार्यालय  विद्युत लोको शेड, कल्याण – ४२१ ३०१-  फोन / फैक्स:- 0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301.  Email :- srdeetrskyncrly@gmail.com |

सं: केवाईएन/आरएस/टी/240/TRI-PLATE-2010 दिनांक: 24.07.2017

मुख्य विद्युत लोको इंजीनियर

मध्य रेल / सी एस टी एम

**(ध्यानार्थ: श्री हरि राम, उप मुख्य बिजली इंजीनियर/ ईएम)**

विषय: Physical Completion Report for the work of “Provision of Tri plate panel on Electric Locomotives”

संदर्भ : HQ’s letter No. L.253.AC.2012/Tri plate dated 27-06-2017.

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Vide above reference, physical completion report for the contract awarded to M/s Jainex Ltd, Mumbai, pertaining to ELS/KYN qty:30, in requisite proforma is as detailed below:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Year of execution | Qty | Total Gross & Net Payment | S D Retained | Date of physical completion | Remarks |
| 2013-14, Extended up to 31.03.2017 | 30 | ` 45,48,830.40/- (Gross)  ` 43,20,039/- (Net) | ` 46,836/- | 21-03-2017 | -- |

**(अनुभव वार्ष्णेय)**

मंडल विद्युत् इंजिनियर/ प्रभारी

(क.च.स्टॉक) कल्याण

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| मध्य रेल  वरिष्ठ मंडल विद्युत अभियंता (कचस्टॉक) कार्यालय  विद्युत लोको शेड, कल्याण – ४२१ ३०१-  फोन / फैक्स:- 0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301.  Email:- [srdeetrskyncrly@bb.railnet.gov.in](mailto:srdeetrskyncrly@bb.railnet.gov.in) |

सं०. ईएलएसकेवाईएन/वर्क्स/2017/07/ऑफिस व्हीकल दिनांक: 03.08.2017

मुख्य विद्युत इंजीनियर

मध्य रेल / सी एस टी एम

**(ध्यानार्थ: श्री हरि राम, उप मुख्य बिजली इंजीनियर/ ईएम)**

**विषय**: Hiring of Four Wheeler Vehicle 6 Seater , Non Ac at Electric Loco Shed Kalyan for period of two Years.

संदर्भ: (i) Your letter No.L.253.AC.Proposal dated 23-06-2017.

(ii) FA & CAO’s letter No.AC/FX/1401/Hiring/CEE/2017 dtd 16-06-2017.

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The para-wise remarks on the finance observations raised vide FA&CAO’s above letter are as under:

1. Requisite CEE’s administrative approval may please be taken at HQ level and furnish to FA&CAO.
2. It is clarified that the proposal for hiring of vehicle is for Electric Loco Shed, Kalyan not for SNPD Car Shed. This has been got corrected in Sr.DFM’s vetting letter dated 05-04-2017 through this office letter dated 28-06-2017. Copy of corrected vetting letter dated 05-04-2017 is enclosed.
3. The vehicle is proposed to be hired under Sr.DEE(TRS) Kalyan’s control at Electric Loco Shed, Kalyan.
4. This aspect has been discussed in Survey Committee Meeting of Vehicles mentioned in para 5 below and 7.3 of minutes of survey committee.
5. Survey Committee Report dated 17-07-2017 duly accepted by ADRM/BB is enclosed. DS-8 Note will be submitted after availability of hired vehicle at Electric Loco Shed, Kalyan. This is also recommended by Survey Committee that existing vehicle can be grounded only after alternate vehicle is arranged on hire basis / replacement basis in view of the essentiality of vehicle at ELS/KYN.
6. Surrender Memo of driver’s post and fuel imprest will be submitted after hiring of new vehicle.
7. Check list for hiring of vehicle duly signed by competent authority is enclosed herewith.

In view of the above clarifications, FA&CAO may please be apprised for concurrence of the above proposal for obtaining AGM’s sanction.

(अनुभव वार्ष्णेय**)**

**वरिo मंo विo इंजिo (क.च.स्टॉक) / प्रभारी**

**कल्याण**

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| मध्य रेल  वरिष्ठ मंडल विद्युत अभियंता (कचस्टॉक) कार्यालय  विद्युत लोको शेड, कल्याण – ४२१ ३०१-  फोन / फैक्स:- 0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301.  Email: srdeetrskyncrly@bb.railnet.gov.in |

सं०. ईएलएसकेवाईएन/वर्क्स/2014/17/एस एल रिपेयर दिनांक: 13.07.2017

मुख्य विद्युत लोको इंजीनियर

मध्य रेल / सी एस टी एम

**( ध्यानार्थ: श्री हरि राम, उप मुख्य बिजली इंजीनियर/ ईएम )**

**विषय**: LOA No. L.253.AC.2013/SL dtd 08-12-2015 for Reconditioning/ rehabilitation

of Smoothing Reactor (SL) of electric locos including all latest SMIs &

modifications, Qty – 73 Nos.

संदर्भ: HQ’s Lifting Order No. 13 vide letter No. L.253.AC.2013/SL dated 25-04-2017

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The firm have supplied 20 Nos. Smoothing Reactors duly reconditioned/ rehabilitated as per contract and payment has been released for the same. Thus the scheduled qty of 20 Nos. for ELS Kalyan have been completed.

The firm have lifted 05 Nos. defective SLs on 09-06-2017 which are at firm’s premises for reconditioning/ rehabilitation.

The quantity of subject contract has been increased from 73 to 91 Nos. vide HQ’s letter No.L.253.AC.2013/Sl dated 12-06-2017.

At present 06 Nos. defective Smoothing Reactors (SL) are lying on shop floor which requires reconditioning/ rehabilitation including RDSO’s all latest SMIs and modifications.

The firm may please be advised to lift the same from Electric Loco Shed, Kalyan against subject mentioned contract.

(अनुभव वार्ष्णेय)

वरिष्ठ मंडल विद्युत् इंजिनियर/ प्रभारी

(क.च.स्टॉक) कल्याण

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| मध्य रेल  वरिष्ठ मंडल विद्युत अभियंता (कचस्टॉक) कार्यालय  विद्युत लोको शेड, कल्याण – ४२१ ३०१-  फोन / फैक्स:- 0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301.  Email:- [srdeetrskyncrly@bb.railnet.gov.in](mailto:srdeetrskyncrly@bb.railnet.gov.in) |

सं०. ईएलएसकेवाईएन/वर्क्स/2017/07/ऑफिस व्हीकल दिनांक: 03.07.2017

मुख्य विद्युत इंजीनियर

मध्य रेल / सी एस टी एम

**(ध्यानार्थ: श्री एस० सी० चौधरी, उप मुख्य बिजली इंजीनियर/ ईएम)**

**विषय**: Hiring of Four Wheeler Vehicle 6 Seater , Non Ac at Electric Loco Shed Kalyan for period of two Years.

संदर्भ: (i) Your letter No.L.253.AC.Proposal dated 23-06-2017.

(ii) FA & CAO’s letter No.AC/FX/1401/Hiring/CEE/2017 dtd 16-06-2017.

**\*\*\*\*\***

The para-wise remarks on the finance observations raised vide FA&CAO’s above letter are as under:

1. Requisite CEE’s administrative approval may please be taken at HQ level.
2. It is clarified that the proposal for hiring of vehicle is for Electric Loco Shed, Kalyan not for SNPD Car Shed. This has been got corrected in Sr.DFM’s vetting letter dated 05-04-2017 through this office letter dated 28-06-2017.
3. The vehicle is proposed to be hired under Sr.DEE(TRS) Kalyan’s control at Electric Loco Shed, Kalyan.
4. The vehicle has completed 10 years of service against its codal life of 07 years as per Railway Board’s letter No. 2002/AC-II/1/10 dated 24-05-2006 (Advance Correction Slip No.62).
5. DS-8 Note will be submitted after availability of hired vehicle at Electric Loco Shed, Kalyan.
6. Surrender Memo of driver’s post and fuel imprest will be submitted after hiring of vehicle.
7. Check list for hiring of vehicle duly signed by competent authority is enclosed herewith.

In view of the above clarifications, FA&CAO may please be apprised for concurrence of the above proposal for obtaining AGM’s sanction.

(अनुभव वार्ष्णेय**)**

**वरिo मंo विo इंजिo (क.च.स्टॉक) / प्रभारी**

**कल्याण**

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| **मध्य रेल**  वरिष्ठ मंडल विद्युत अभियंता (कचस्टॉक) कार्यालय  विद्युत लोको शेड, कल्याण – ४२१ ३०१-  फोन / फैक्स:- 0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301.  Email :- srdeetrskyncrly@gmail.com |

सं०. ईएलएसकेवाईएन/टी/239/यूएफडब्लूएल/एएमसी/2010 दिनांक: 29.06.2017

मुख्य विद्युत इंजीनियर

मध्य रेल / सी एस टी एम

**(ध्यानार्थ: श्री एस० सी० चौधरी, उप मुख्य बिजली इंजीनियर/ ईएम)**

**विषय**: LOA No. L.253.AC.2011/PWL dated 31-01-2012 in connection with “Annual

Maintenance Contract of Under Floor Pit Wheel Lathe model LUW 170 B

at Electric Loco Shed, Ajni-Nagpur and Kalyan of Central Railway for two years.

संदर्भ: (i) Your letter No.L.253.AC.2011/PWL dated 23-06-2017.

(ii) Our letter of even No. dated 09-06-2017

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Vide above reference, physical completion report for the contract awarded to M/s RCR Solutions, Vidyavihar (W), Mumbai pertaining to ELS/KYN’s machine, is as detailed below in requisite proforma:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Year of execution | Total Gross & Net Payment | S D Retained | Date of physical completion | Remarks |
| 2012-17 | ` 24,23,507/- (Gross)  ` 20,29,216/- (Net) | ` 2,42,351/- | 26-04-2017 | As detailed below |

Remarks

1. Physical Work is completed on 26-04-2017, bill for 8th scheduled visit including 7 Nos. optional spares operated in 8th schedule is to be passed.
2. Details of Payment already passed is as under:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sr.  No. | Description of Work | Qty.  executed | Payment passed | Date of passing |
| 1 | Total cost of compulsory replacement item for 1st year as per Annex B1 | 01 Set | ` 1,03,748 | 23.07.2012 |
| 2 | Total cost of compulsory replacement item for 2nd year as per Annex B2 | 01 Set | ` 87,078 | 23.07.2012 |
| 3 | Labour Charges for period for 4 visits per year | 07 visits | ` 7,61,250 | 23.07.2012 to 08.06,2014 |
| 4 | Cost of Optional Spares as per Annexure B3 | 21 items | ` 14,71,431 | 23.07.2012 & 29-11-2013 |
|  | TOTAL |  | ` 24,23,507 |  |

1. Requisite security deposit is Rs 3,90,585/- as per para No.10 of LOA. Out of this S.D. amounting to Rs 2,42,351/- is recovered from 7 on account bills. Amount of Rs 1,48,234/- is to be recovered from 8th & final bill.

**(अनुभव वार्ष्णेय)**

मंडल विद्युत् इंजिनियर

(क.च.स्टॉक) कल्याण

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| मध्य रेल  वरिष्ठ मंडल विद्युत अभियंता (कचस्टॉक) कार्यालय  विद्युत लोको शेड, कल्याण – ४२१ ३०१-  फोन / फैक्स:- 0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301.  Email:- [srdeetrskyncrly@bb.railnet.gov.in](mailto:srdeetrskyncrly@bb.railnet.gov.in) |

सं०. ईएलएसकेवाईएन/टी/239/यूएफडब्लूएल/एएमसी/2010 दिनांक: 09.06.2017

मुख्य विद्युत इंजीनियर

मध्य रेल / सी एस टी एम

**(ध्यानार्थ: श्री एस० सी० चौधरी, उप मुख्य बिजली इंजीनियर/ ईएम)**

**विषय**: Contract Agreement No. L.253.AC.2011/PWL dated 14-06-2012 in connection

with “Annual Maintenance Contract of Under Floor Pit Wheel Lathe model LUW

170 B at Electric Loco Shed, Ajni-Nagpur and Kalyan of Central Railway for two

years.

संदर्भ: Your letter No.L.253.AC.2011/PWL dated 02-06-2017.

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The information asked vide letter under reference in connection with subject mentioned contract are as detailed below:

1. The firm have completed all the 8 quarterly schedules up to 26-04-2017. The details of all 8 AMC schedules, carried out by the firm are as below:

|  |  |  |
| --- | --- | --- |
| Quarter | AMC Schedule | Actual Schedule carried out |
| 1 | February 2012 – April 2012 | 15/02/2012 to 22/04/2012 |
| 2 | May 2012 – July 2012 | 25/08/2012 to 27/08/2012 |
| 3 | August 2012 – October 2012 | 24/11/2012 to 26/11/2012 |
| 4 | November 2012 – January 2013 | 14/05/2013 to 17/05/2013 |
| 5 | February 2013 – April 2013 | 07/08/2013 to 13/08/2013 |
| 6 | May 2013 – July 2013 | 11/11/2013 to 16/11/2013 |
| 7 | August 2013 – October 2013 | 17/02/2014 to 25/02/2014 |
| 8 | November 2013 – January 2014 | 09/07/2015 to 26/04/2017 |

1. The completion period was extended up to 29-05-2016 without levy of liquidated damages vide HQ’s letter No. L.253.AC.2011/PWL dated 30-03-2016. Up to this extension, 7 schedules were completed and the 8th & last schedule was completed on 26-04-2017 i.e. there has been further delay of 11 months even after grant of last extension. This delay of 11 months is on account of the firm as per note dated 07-06-2017 (Copy enclosed).

From 29-05-2016 (extended period) to 26-04-2017, the machine was under 8th schedule of AMC.

Since other Pit Wheel Lathe of HYT make CNC machine was in working condition, there is no detention of loco during above period except during the period from 06-04-2017 to 12-04-2017, in which 4 locos were sent to Diesel Loco Shed, Kalyan for TT, as the CNC HYT machine was inoperative due to track leveling work on this machine from 05-04-2017 to 02-05-2017. So during this period there has been loco detention of approx 4 hours @ 1 hour per loco on account of shunting movement for sending the locos from ELS/KYN to Diesel Loco Shed, Kalyan for TT

However there is no direct financial loss to Railway due to aforesaid delay.

(Hari Ram)

Sr. DEE(TRS) Kalyan

Date : 09/06/2017

**NOTE**

Sub: AMC of Under Floor Pit Wheel Lathe HEC make model No. LUW 170 B at

ELS/KYN for 2 years.

Ref: 1) LOA No. L.253.AC.2011.PWL dated 31-01-2012.

2) Dy CEE/EM/CSTM letter No.L.253.AC.2011/PWL dated 02-06-2017.

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The information asked vide letter under reference at Sr. No. 2, in connection with subject mentioned contract are as detailed below:

1. The firm have completed all the 8 quarterly schedules up to 26-04-2017. The details of all 8 AMC schedules, carried out by the firm are as below:

|  |  |  |
| --- | --- | --- |
| Quarter | AMC Schedule | Actual Schedule carried out |
| 1 | February 2012 – April 2012 | 15/02/2012 to 22/04/2012 |
| 2 | May 2012 – July 2012 | 25/08/2012 to 27/08/2012 |
| 3 | August 2012 – October 2012 | 24/11/2012 to 26/11/2012 |
| 4 | November 2012 – January 2013 | 14/05/2013 to 17/05/2013 |
| 5 | February 2013 – April 2013 | 07/08/2013 to 13/08/2013 |
| 6 | May 2013 – July 2013 | 11/11/2013 to 16/11/2013 |
| 7 | August 2013 – October 2013 | 17/02/2014 to 25/02/2014 |
| 8 | November 2013 – January 2014 | 09/07/2015 to 26/04/2017 |

1. The completion period was extended up to 29-05-2016 without levy of liquidated damages vide HQ’s letter No. L.253.AC.2011/PWL dated 30-03-2016. Up to this extension, 7 schedules were completed and the 8th & last schedule was completed on 26-04-2017 i.e. there has been further delay of 11 months even after grant of last extension. This delay of 11 months is on account of the firm as per the details given below:

|  |  |  |
| --- | --- | --- |
| 1 | Main Drive Rollers for improvement of quality collected by firm | 25-05-2016 |
| 2 | Main Drive Rollers returned by firm after necessary work | 04-06-2016 |
| 3 | Defective items (Diameter Measuring Device - 2 Nos and Hold Down  Device Seal Kit) collected by firm. | 24-02-2017 |
| 4. | New seal kit of hold down device supplied by firm | 02-03-2017 |
| 5. | Hold Down Device which is very bulky and heavy item attended by deploying Hydra | 03-03-2017 |
| 6 | 1 No. DMD duly repaired and 01 No new DMD supplied free of cost as this was not repairable and provided the same on machine | 23-03-2017 |
| 7 | Physical work of 8th schedule was completed | 13-04-2017 |
| 8 | Final Joint Note prepared after taking trial of machine | 26-04-2017 |

From 29-05-2016 (extended period) to 26-04-2017, the machine was under 8th schedule of AMC.

Since other Pit Wheel Lathe of HYT make CNC machine was in working condition, there is no detention of loco during above period except during the period from 06-04-2017 to 12-04-2017, in which 4 locos were sent to Diesel Loco Shed, Kalyan for TT, as the CNC HYT machine was inoperative due to track leveling work on this machine from 05-04-2017 to 02-05-2017. So during this period there has been loco detention of approx 4 hours @ 1 hour per loco on account of shunting movement for sending the locos from ELS/KYN to Diesel Loco Shed, Kalyan for TT

However there is no direct financial loss to Railway due to aforesaid delay.

SSE/MW/ELS/KYN

ADEE(TRS) Kalyan

Vide above reference, status of works contract tenders not finalized, in requisite proforma is as detailed below:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sr.  No. | Name of Works | Value | TOD | Status of finalisation |
| 1. | Polyurethane Painting of already PU Painted Electric Locomotives at Electric Loco Shed, Kalyan Qty: WAG/9-62 Locos & Conventional – 61 Locos | ` 62,73,000/- | 30-03-2017 | Under TC consideration. |
| 2. | Rewiring of various section of ELS/KYN | ` 8,23,078/- | 26-05-2017 | Briefing Note, Comparative Statement is under preparation/ verification |
| 3. | Annual Maintenance Contract for overhauling and refilling of DCP type & CO2 type fire extinguishers of different capacity at ELS/Kalyan for a period of two years. | ` 5,44,513/- | 26-05-2017 | No bids received through IREPS- Works |

(हेमंत जिंदल)

मंडल विद्युत् इंजिनियर

(क.च.स्टॉक) कल्याण

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| मध्य रेल  वरिष्ठ मंडल विद्युत अभियंता (कचस्टॉक) कार्यालय  विद्युत लोको शेड, कल्याण – ४२१ ३०१-  फोन / फैक्स:- 0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301.  Email:- [srdeetrskyncrly@bb.railnet.gov.in](mailto:srdeetrskyncrly@bb.railnet.gov.in) |

सं०. ईएलएसकेवाईएन/वर्क्स/2017/07/ऑफिस व्हीकल दिनांक: 04.05.2017

मुख्य विद्युत इंजीनियर

मध्य रेल / सी एस टी एम

**(ध्यानार्थ: श्री एस० सी० चौधरी, उप मुख्य बिजली इंजीनियर/ ईएम)**

**विषय**: Hiring of Four Wheeler Vehicle 6 Seater , Non Ac at Electric Loco Shed Kalyan for period of two Years.

संदर्भ: Sr.DFM/CSTM’s L.No.AC/BB/FX/I/TRS/Prop/18550 dated 05.04.2017

**\*\*\*\*\***

Presently, Electric Loco Shed Kalyan is having Tata Sumo four wheeler vehicle, bearing Registration No. MH-05-P-39 supplied by M/s TATA Motors. The vehicle was procured in the year 2007 and has run more than 1,36,950 Kilometres.

It is being used for various purposes such as for attending the breakdown & reaching at the site along with staff & materials in the event of any un-usual occurrence on line as well as during medical emergency in shed. As a result of continuous service and wear & tear, the existing TATA Sumo Jeep as on date does not give reliable service. Also its condition has become very untidy not suitable for conveyance of higher officers during their official visit / inspection to ELS Kalyan. It undergoes frequent breakdown & gets under repair frequently. It is not expected that this vehicle can give further proper service.

The above mentioned Jeep has completed 10 years against its codal life of 07 years as per Railway Board’s letter no. 2002/AC-II/1/10 dated 24.05.2006 (Advance Correction Slip No. 62). The Vehicle was purchased at the cost of Rs. 4,18,710/-. Total expenditure booked on repairs of this vehicle till date since its purchase is Rs.1,33,843/- Now the above mentioned Sumo seems beyond economical repairs, and it is advisable to condemn it on age cum condition basis.

However, at least one vehicle is required by this office for attending the breakdown, reaching at the site along with staff & materials in the event of any un-usual occurrence on line from Electric Loco Shed Kalyan as well as during medical emergency to reach Hospital. Also a vehicle in good condition required for conveyance of higher officers during their official visit / inspection to ELS Kalyan.

Thus a proposal for “Hiring of Four Wheeler Vehicle 6 Seater, Non AC for 24 months” was processed for Sr.DFM/ CSTM’s concurrence. Sr.DFM/CSTM has concurred this proposal at a rate of ` 32,900/- p.m. (2000 Km for 320 hrs), total cost of ` 7,89,600/- vide letter No. BB/AC/FX-I/TRS/Prop/18550 dated 05-04-2017 (Copy enclosed).

Comments on the conditions of Sr. DFM/ CSTM subject to which concurrence is accorded are as under:

|  |  |  |
| --- | --- | --- |
| Sr. No. | Accounts comments | Remarks |
| 1. | Availability of funds under the sanctioned grant during the current financial year. | Funds are available during 2017-18 under sanctioned grant. |
| 2. | This will require approval of DRM. | DRM’s approval has been accorded vide this office note of even No. dated 24-04-2017 (Copy enclosed). |
| 3. | No financial commitment should be made unless clear funds are made available during current financial year. | Noted, No financial commitments will be made unless clear funds are available during current financial year. |
| 4. | Certification that departmental vehicles are not available. | No other such departmental vehicle is available except Tata Sumo No. MH-05-P-39 which is advisable to condemn on age cum condition basis. The same will be condemned after hiring of vehicle. |

Contd..2

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| 5. | Hired vehicle is utilised exclusively for the purpose for which it is proposed and sanctioned by competent authority. | Noted. Hired vehicle will be utilised exclusively for the purpose for which it is proposed. |
| 6. | Proper records of utilisation of the hired vehicle is to be maintained indicating details of materials carried, destination and also purpose of each trip. | Noted. Proper records of utilisation of the hired vehicle will be maintained. |
| 7. | Guidelines for sanction to detailed estimates before invitation of tender are followed in all cases. | Noted. |
| 8. | Surrendering the post of Motor Driver once the vehicle is hired, surrendering memo to be forwarded through Personnel Department. | Noted. Post of Motor Driver will be surrendered after hiring of vehicle. |
| 9. | Applicability of Price Variation Clause may be ensured, as per item No.xxvii of special conditions mentioned in letter No.G 452/ Hiring policy dtd.11-03-2014, considering the period of contract. | Noted. |
| 10 | The guidelines issued vide GM’s office letter No. G/452/Hiring/ Policy dated 11-03-2014 and Rly Bd’s letter No. F(X) II-2006/PW/II dated 07-02-2007 & 15-05-2007 being adhered to. | Noted. |
| 11 | Existing vehicle to be condemned on getting hired vehicle. | Noted. Existing Tata Sumo will be condemned after hiring of vehicle. |

Sr.DFM/CSTM vide said letter stated that this will require personal sanction of GM with the concurrence of FA&CAO, in terms of point III of GM`s letter No. G.452.Hiring Policy dated 11.03.2014.

In view of the above, it is requested to obtain FA&CAO`s concurrence and personal sanction of GM as per Sr.DFMs`s vetting letter for “ Hiring of one Non AC Vehicle at ELS Kalyan for a period of twenty four months (02Yrs) at an estimated cost of ` 32,900/- p.m. ( 2000 kms for 320 hrs) aggregating to ` 7,89,600/-.

(हरि राम)

वरिष्ठ मंडल विद्युत् इंजिनियर

(क.च.स्टॉक) कल्याण

DA : Detailed Estimate

Sr.DFM’s concurrence letter

DRM`s approval

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सं: केवाईएन/आरएस/टी/240/डीबीआर/2011 दिनांक: 28.04.2017

मुख्य विद्युत लोको इंजीनियर

मध्य रेल / सी एस टी एम

**(ध्यानार्थ: श्री एस० सी० चौधरी, उप मुख्य बिजली इंजीनियर/ ईएम)**

**विषय**: LOA No.L.253.AC.2012/DBR Vol II dtd 03-12-2015 for complete repair,

Reconditioning, Testing & Supply of Dynamic Braking Resistance for AC

Locomotives.

संदर्भ: HQ’s Lifting Order vide letter No. L.253.AC.2012/DBR Vol II dated 19-08-2016

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The firm has lifted 08 Nos DBR & 8 Nos MVRF against above referred lifting order, Out of which 8 Nos DBR duly repaired /reconditioned have been received. MVRF are still with Firm for repair/reconditioning work.

As per ELS/KYN`s detailed estimate, sanctioned quantity of Schedule item no 01 & 03 of LOA is 12 Nos each. No quantity is sanctioned for schedule item no 02 of LOA i.e. replacement of fan on healthy MVRF.

At present 08 Nos defective DBR, 04 Nos DC MVRF and 02 Nos healthy MVRF without fan are lying on shop floor which may be issued to firm for repair/reconditioning work as per LOA.

The firm M/s Daulat Ram Industries, Haridwar may please be advised to lift the same from Electric Loco Shed, Kalyan against subject mentioned contract.

(सौरभ आनंद)

सहा. मंडल विद्युत् इंजिनियर

(क.च.स्टॉक) कल्याण

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सं०:इएलएसकेवाईएन/वर्क्स/2015/ बोगी दिनांक: 28.03.2017

मुख्य विद्युत लोको इंजीनियर

मध्य रेल / सी एस टी एम

**(ध्यानार्थ: श्री एस० सी० चौधरी, उप मुख्य बिजली इंजीनियर/ ईएम)**

विषय : Administrative approval of technical specification for the work of “Replacement

of unmodified Motor Support (Nose Lug) in bogies of 3 phase WAG/9 loco”,

Qty -21 Bogies.

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Technical specification involving scope of the work & inspection submitted by Sr.DEE/TRS/AQ duly approved by HQ vide letter No.L.253.AC/Div-Work dated 05-01-2016 was adopted in the previous tender which was discharged as OEM viz M/s Ved Sassomeccanica had agreed to carry out the replacement of Nose Lug in their own make bogies. Accordingly they have replaced unmodified motor support (nose lug) in 46 bogies of Ved make at ELS/KYN.

Now based on RDSO’s letter No. EL/3.1.35/2 (Bogie-3 ph) dated 21-03-2017 & Railway Board’s letter No. 2007/Elect/(TRS)/441/8 pt dated 27-03-2017 replacement of unmodified motor support is to be carried out in all bogies (CLW & Trade) on top priority (Copy enclosed). There are 21 Nos. bogies of CLW make on which unmodified motor support (nose lug) is to be replaced on top priority.

In view of the RDSO’s instructions and considering the safety aspect of item, it is proposed to invite limited tenders through CLW’s approved sources as detailed below:

1. M/s Ved Sassomeccanica Pvt.Ltd.,
2. M/s Ashika Commercial Pvt. Ltd.
3. M/s Anup Malleable Ltd.

Sr.DFM/CSTM has concurred the proposal for inviting Limited Tenders through CLW approved sources for the subject mentioned work of 4 Nos. unmodified Motor Support (Nose Lug) each in 21 Nos. CLW make bogies of 3 phase locomotives at a cost of ` 12,92,802/- @ ` 61,562/- each. (Copy enclosed)

As stated by Sr.DFM/CSTM, ADRM’s sanction/ approval for calling Limited Tender has been obtained in terms of Item No. 1.14 (A) of SOPGEN 2009 vide this office note of even No. dtd 10-04-2017. (Copy enclosed)

Previously approved technical specification of Sr.DEE/TRS/AQ is for replacement of both Motor Support on bogie transom (Nose Lug) and on Pivot Transom. As the proposed work is for replacement of Motor Support (Nose Lug) only, specification is revised deleting item of replacement of Motor Support on Pivot Transom.

Revised technical specification comprising scope of work and inspection prepared on the basis of Sr.DEE(TRS) AQ’s approved specification, is sent herewith for HQ’s administrative approval so that the same can be adopted in Limited Tender for said work as stated above.

(हरि राम)

वरिष्ठ मंडल विद्युत् इंजिनियर

(क.च.स्टॉक) कल्याण

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सं०. ईएलएसकेवाईएन/वर्क्स/2014/17/एस एल रिपेयर दिनांक: 24.04.2017

मुख्य विद्युत लोको इंजीनियर

मध्य रेल / सी एस टी एम

**( ध्यानार्थ: श्री एस० सी० चौधरी, उप मुख्य बिजली इंजीनियर/ ईएम )**

**विषय**: LOA No. L.253.AC.2013/SL dtd 08-12-2015 for Reconditioning/ rehabilitation

of Smoothing Reactor (SL) of electric locos including all latest SMIs &

modifications, Qty – 73 Nos.

संदर्भ: HQ’s Lifting Order vide letter No. L.253.AC.2013/SL dated 22-11-2016

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The firm have supplied 20 Nos. Smoothing Reactors duly reconditioned/ rehabilitated, lifted up to above referred lifting order.

The scheduled qty for ELS Kalyan is 20 Nos. which have been completed.

At present 06 Nos. Smoothing Reactors (SL) are lying on shop floor which requires reconditioning/ rehabilitation including RDSO’s all latest SMIs and modifications.

The firm may please be advised to lift the same from Electric Loco Shed, Kalyan against subject mentioned contract.

वरिष्ठ मंडल विद्युत् इंजिनियर

(क.च.स्टॉक) कल्याण

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सं०. ईएलएसकेवाईएन/वर्क्स/टीएफपी/एलओटी/6500 दिनांक: 24.04.2017

मुख्य विद्युत लोको इंजीनियर

मध्य रेल / सी एस टी एम

**( ध्यानार्थ: श्री एस० सी० चौधरी, उप मुख्य बिजली इंजीनियर/ ईएम )**

**विषय**: Repairs, Reconditioning, Rehabilitation, Testing and Supply of 6500 KVA

Transformer type LOT 6500 for 3 phase WAG-9 type Locos – 5 Nos.

संदर्भ: (i) Your letter No.L.253.AC.Estimate dated 04-04-2017.

(ii) FA & CAO’s letter No.AC/FX/1465/CEE/HQ/16/557 dtd 29-03-2017.

**\*\*\*\*\***

The para-wise remarks on the finance observations raised vide FA&CAO’s above letter are as under:

1. Transformer is a vital equipment of locomotives. Whenever a transformer gets failed, it has to be got repaired/ reconditioned and to be kept it ready as rotating spare to avoid detention of locomotive. Hence a contract should be in place for repairing/ reconditioning of failed transformer as repairing/ reconditioning of transformer is a major work and it takes at least 2-3 months for repairing and testing. As at present there is no failed transformer to be got repaired/ reconditioned, quantity is reduced from 5 Nos. to 3 Nos. and estimate has been changed accordingly. Total cost for 3 Nos. will be ` 1,20,28,500/-.
2. At present there is no arising of repair at ELS/KYN. 64 transformers are in service in loco. In the year 2015-16, there have been two cases of TFP failure which have got repaired/ reconditioned one No. each from ELW/BSL and ELS/AQ’s account. So based on the past experience, arising of 3 transformers is anticipated within a period of two years.
3. RDSO has issued necessary action plan considering the overall performance of major equipments of all the shed, not for individual sheds. Based upon the trends of past arising and considering the ageing of transformer, it is mandatory to make provision for at least 3 Nos. of transformers to avoid proposal sanctioning time after occurrence of a failure.
4. Only one spare transformer is available with ELS/KYN.
5. Rates adopted in estimate are based on LAR vide C.Rly’s LOA No.L.253.AC.2014.TFP/ LOT 6500 dated 22-12-2014. As desired latest LOA of other Railway i.e.W.C.R. has been obtained for similar work. All 6 items of schedule of work in C.Rly’s LOA also exists in LOA of W.C.R.’s LOA No.WCR/L.05/2253/TFP 6500 KVA/2015 dated 03-11-2015 (Copy enclosed). Painting externally, To and Fro Transportation, service tax and complete repair of aluminium tank are additional items which does not exist in C.Rly’s LOA.

In view of the above clarifications, FA&CAO may please be apprised for concurrence of the above proposal.

(हरि राम)

वरिष्ठ मंडल विद्युत् इंजिनियर

(क.च.स्टॉक) कल्याण

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सं: केवाईएन/आरएस/टी/240/टैप चेंजर -2011 दिनांक: 13.04.2017

मुख्य विद्युत लोको इंजीनियर

मध्य रेल / सी एस टी एम

**( ध्यानार्थ: श्री एस० सी० चौधरी, उप मुख्य बिजली इंजीनियर/ ईएम )**

विषय: Physical Completion Report for the work of “Repair, Rehabilitation, Testing

and Supply of Tap Changer type N-32 of AC Electric Locomotives.

HQ’s LOA No. L.253.AC.2011/GR dated 11-06-2012.

संदर्भ : HQ’s letter No. L.253.AC.2011/GR dated 03-04-2017.

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Vide above reference, physical completion report for the contract awarded to M/s Autometers Alliance Ltd, C-63, Sector -57, Noida, pertaining to ELS/KYN qty, in requisite proforma is as detailed below:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Year of execution | Qty | Total Gross & Net Payment | S D Retained | Date of physical completion | Remarks |
| 2013-15 | 03 | ` 35,31,449/- (Gross)  ` 32,72,610/- (Net) | ` 1,16,781/- | 12-09-2014 | -- |

**(हेमंत जिन्दल)**

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(क.च.स्टॉक) कल्याण

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सं: केवाईएन/आरएस/टी/240/टैप चेंजर -2013 दिनांक: 12.04.2017

मुख्य विद्युत लोको इंजीनियर

मध्य रेल / सी एस टी एम

**( ध्यानार्थ: श्री एस० सी० चौधरी, उप मुख्य बिजली इंजीनियर/ ईएम )**

विषय: Physical Completion Report for the work of “Repair, Rehabilitation, Testing

and Supply of Tap Changer type N-32 of AC Electric Locomotives.

HQ’s LOA No. L.253.AC.2013/GR dated 26-12-2014.

संदर्भ : HQ’s letter No. L.253.AC.2013/GR dated 03-04-2017.

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Vide above reference, physical completion report for the contract awarded to M/s Autometers Alliance Ltd, C-63, Sector -57, Noida, pertaining to ELS/KYN qty, in requisite proforma is as detailed below:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Year of execution | Qty | Total Gross & Net Payment | S D Retained | Date of physical completion | Remarks |
| Nov 2015 | 01 | ` 13,55,819/- (Gross)  ` 11,65,405/- (Net) | ` 1,35,582/- | 15-03-2016 | -- |

**(हेमंत जिन्दल)**

मंडल विद्युत् इंजिनियर

(क.च.स्टॉक) कल्याण

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| **मध्य रेल**  वरिष्ठ मंडल विद्युत अभियंता (कचस्टॉक) कार्यालय  विद्युत लोको शेड, कल्याण – ४२१ ३०१-  फोन / फैक्स:- 0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301.  Email :- srdeetrskyncrly@gmail.com |

सं० : केवाईएन/आर/एस/टी/ट्रान्स/2010/5400 दिनांक: 08.04.2017

मुख्य विद्युत लोको इंजीनियर

मध्य रेल / सी एस टी एम

**( ध्यानार्थ: श्री एस० सी० चौधरी, उप मुख्य बिजली इंजीनियर/ ईएम )**

विषय: Physical Completion Report for the work of “Repair/ Rehabilitation, reconditioning,

testing and supply of transformer HETT-5400 (Copper Coil type) for use in AC

Locos against HQ’s LOA No. L.253.AC.2011.TFP.5400 dtd 01-12-2011.

संदर्भ : HQ’s LOA No. L.253.AC.2011.TFP.5400 dtd 24-03-2017.

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Vide above reference, physical completion report for the contract awarded to M/s High Volt Electricals (P) Ltd, Tarapur Industrial Area, Thane, Physical Completion Report pertaining to ELS/KYN qty, in requisite proforma is as detailed below:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Year of execution | Qty | Total Gross & Net Payment | S D Retained | Date of physical completion | Remarks |
| July 2013 to July 2016 | 11 | ` 1,24,45,510/- | ` 5,65,645/- | 22-07-2016 | - |

**(हेमंत जिन्दल)**

मंडल विद्युत् इंजिनियर

(क.च.स्टॉक) कल्याण

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| **मध्य रेल**  वरिष्ठ मंडल विद्युत अभियंता (कचस्टॉक) कार्यालय  विद्युत लोको शेड, कल्याण – ४२१ ३०१-  फोन / फैक्स:- 0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301.  Email :- srdeetrskyncrly@gmail.com |

सं०. केवायएन/आरएसटी/240/एसआई- रिहेब/2011 दिनांक: 04.04.2017

मुख्य विद्युत लोको इंजीनियर

मध्य रेल / सी एस टी एम

**(ध्यानार्थ: श्री एस० सी० चौधरी, उप मुख्य बिजली इंजीनियर/ ईएम)**

**विषय**: LOA No. L.253.AC.2012/PCB/SI UNIT dated 23/02/2017 for Repair cum

Rehabilitation of PCB cards of SI unit for AC/DC Elect. Locos -85 Sets

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140 Nos. defective PCB Cards are lying in section for repair and rehabilitation. These can be given to firm for necessary repair cum rehabilitation works as per terms and conditions of subject contract. Summary of these cards is as below

|  |  |  |
| --- | --- | --- |
| Sr. No.  of Cl.3.1  of LOA | Description | Qty |
| 1 | Optical Fiber Command Card X 101 | 10 Nos. |
| 2 | Relay output Board X113 | 10 Nos. |
| 3 | Relay output Board X117 | 10 Nos. |
| 4 | IGBT Command Card X 209 | 10 Nos. |
| 5 | Analog input Board X 213 | 10 Nos. |
| 6 | Analog input Board X 217 | 10 Nos. |
| 7 | Power Supply X 232 | 10 Nos. |
| 8 | CPU Card X 223 | 10 Nos. |
| 9 | IGBT Gate driver A4U4 | 30 Nos. |
| 10 | GTO Gate driver A1U7 | 10 Nos. |
| 11 | High Voltage detection card A1HV | 10 Nos. |
| 12 | BOD Card A12 U2 | 10 Nos. |
|  | Total | **140 Nos.** |

In view of the above, lifting order may please be issued for 140 Nos. of Cards as detailed above.

**(हेमंत जिन्दल)**

मंडल विद्युत् इंजिनियर

(क.च.स्टॉक) कल्याण

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| **मध्य रेल**  वरिष्ठ मंडल विद्युत अभियंता (कचस्टॉक) कार्यालय  विद्युत लोको शेड, कल्याण – ४२१ ३०१-  फोन / फैक्स:- 0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301.  Email :- srdeetrskyncrly@gmail.com |

सं०:इएलएसकेवाईएन/वर्क्स/2015/ बोगी दिनांक: 30.03.2017

मुख्य विद्युत लोको इंजीनियर

मध्य रेल / सी एस टी एम

**(ध्यानार्थ: श्री एस० सी० चौधरी, उप मुख्य बिजली इंजीनियर/ ईएम)**

विषय : Administrative approval for inclusion of some quantity of replacement of unmodified Traction Motor Support of ELS/AQ in ELS/KYN’s works tender to be undertaken at divisional level at ELS/KYN.

संदर्भ: Sr.DEE(TRS) ELS/AQ’s letter No. ELS/AQ/DRG/D-8 (Bogie- Transom) dated

29-03-2017.

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Please connect this office letter of even No. dated 24-03-2017 vide which, approval of HQ was asked for inclusion of special condition i.e. “The firm/ contractor should be on list of RDSO/CLW’s approved sources for bogies of 3 phase loco (WAP-7/WAG-9). The offer of firms/ contractors which are not in the said list of approved sources, will be summarily rejected.” In the work tender of subject mentioned work proposed for 22 bogies pertaining to ELS/KYN.

Sr.DEE(TRS) ELS/AQ vide letter No. ELS/AQ/DRG/D-8 (Bogie – Transom) dated 29-03-2017, asked for inclusion of some quantity of ELS/AQ bogies in the sanctioned work of ELS/KYN as estimate at their end will take considerable time and the said work is to be executed on priority.

As stated in earlier letter motor support of 22 Bogies of CLW make pertaining to ELS/KYN are now to be modified on priority. As per sanctioned estimate, cost of replacement of 1 No. pivot assembly incorporating 2 Nos. motor support and 4 Nos. motor support (nose lug) in each bogie, works out to be Rs 33,80,432/- for 22 bogies. Estimate for 66 Nos. bogies for this work is already sanctioned at a total cost of Rs 1,01,41,296/-. Thus provision for 44 Nos. bogies at a total cost of Rs 67,60,864/- will remain balance which may be utilized for ELS/AQ.

Being safety item, it is necessary to get this work done through reputed and approved sources. In RDSO’s Modification Sheet No. RDSO/2015/EL/MS/0443 dated 17-09-2015, agency for implementation is indicated as “Replacement work will be carried out by approved sources of three phase bogie (WAP-7/ WAG-9) in shed/ workshop premises”.

By including quantity of ELS/AQ, tender cost will be more than Rs 50 lakh hence minimum eligibility criteria will be applicable. For which definition of similar work is proposed to be as under:

**“Manufacturing & Supply” OR “Repairing/ rehabilitation” of bogies of three phase locos (WAP-7/ WAG-9) by** **RDSO/CLW`s approved sources.**

Technical Specification & Scope of work of Sr.DEE/TRS/AQ as approved vide letter No. L.253.AC/Div-Work dated 05-01-2016 shall be applicable.

It is therefore requested to accord HQ’s administrative approval to invite open tenders for said work for 66 Nos. bogies including ELS/AQ’s quantity and above mentioned definition for similar nature of work.

(हेमंत जिंदल)

मंडल विद्युत् इंजिनियर

कृते वरिष्ठ मंडल विद्युत् इंजिनियर

(क.च.स्टॉक) कल्याण

सं०:इएलएसकेवाईएन/वर्क्स/2015/ बोगी दिनांक: 30.03.2017

मुख्य विद्युत लोको इंजीनियर

मध्य रेल / सी एस टी एम

**(ध्यानार्थ: श्री एस० सी० चौधरी, उप मुख्य बिजली इंजीनियर/ ईएम)**

विषय : Administrative approval for inclusion of some quantity of replacement of unmodified Traction Motor Support of ELS/AQ in ELS/KYN’s works tender to be undertaken at divisional level at ELS/KYN.

संदर्भ: Sr.DEE(TRS) ELS/AQ’s letter No. ELS/AQ/DRG/D-8 (Bogie- Transom) dated

29-03-2017.

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Please connect this office letter of even No. dated 24-03-2017 vide which, approval of HQ was asked for inclusion of special condition i.e. “The firm/ contractor should be on list of RDSO/CLW’s approved sources for bogies of 3 phase loco (WAP-7/WAG-9). The offer of firms/ contractors which are not in the said list of approved sources, will be summarily rejected.” In the work tender of subject mentioned work proposed for 22 bogies pertaining to ELS/KYN.

Sr.DEE(TRS) ELS/AQ vide letter No. ELS/AQ/DRG/D-8 (Bogie – Transom) dated 29-03-2017, asked for inclusion of some quantity of ELS/AQ bogies in the sanctioned work of ELS/KYN as estimate at their end will take considerable time and the said work is to be executed on priority.

As stated in earlier letter motor support of 22 Bogies of CLW make pertaining to ELS/KYN are now to be modified on priority. As per sanctioned estimate, cost of replacement of 1 No. pivot assembly incorporating 2 Nos. motor support and 4 Nos. motor support (nose lug) in each bogie, works out to be Rs 33,80,432/- for 22 bogies. Estimate for 66 Nos. bogies for this work is already sanctioned at a total cost of Rs 1,01,41,296/-. Thus provision for 44 Nos. bogies at a total cost of Rs 67,60,864/- will remain balance which may be utilized for ELS/AQ.

By including quantity of ELS/AQ, tender cost will be more than Rs 50 lakh hence minimum eligibility criteria will be applicable. For which definition of similar work i.e. **“Manufacturing & Supply” OR “Repairing/ rehabilitation” of bogies of three phase locos (WAP-7/ WAG-9)” and** Technical Specification & Scope of work of Sr.DEE/TRS/AQ as approved vide letter No. L.253.AC/Div-Work dated 05-01-2016 shall be applicable.

Further being safety item it is necessary to get this work done through reputed and approved sources. In RDSO’s Modification Sheet No. RDSO/2015/EL/MS/0443 dated 17-09-2015, agency for implementation is indicated as “Replacement work will be carried out by approved sources of three phase bogie (WAP-7/ WAG-9) in shed/ workshop premises”. Hence a special condition of RDSO/CLW’s approved sources for bogies of 3 phase loco (WAP-7/WAG-9) will be incorporated in tender.

It is therefore requested to accord HQ’s administrative approval to invite open tenders for said work for 66 Nos. bogies including ELS/AQ’s quantity and above mentioned definition for similar nature of work and special condition of RDSO/CLW’s approved sources.

(हेमंत जिंदल)

मंडल विद्युत् इंजिनियर

कृते वरिष्ठ मंडल विद्युत् इंजिनियर

(क.च.स्टॉक) कल्याण

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| **मध्य रेल**  वरिष्ठ मंडल विद्युत अभियंता (कचस्टॉक) कार्यालय  विद्युत लोको शेड, कल्याण – ४२१ ३०१-  फोन / फैक्स:- 0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301.  Email :- srdeetrskyncrly@gmail.com |

सं०. ईएलएसकेवाईएन/डब्ल्यूकेएस/2015/आयएसओ दिनांक: 24.03.2017

मुख्य विद्युत लोको इंजीनियर

मध्य रेल / सी एस टी एम

**( ध्यानार्थ: श्री एस० सी० चौधरी, उप मुख्य बिजली इंजीनियर/ ईएम )**

**विषय**: Environment Management System (EMS)/ Integrated Management

System (IMS)

**संदर्भ** : (i) HQ’s letter No. 253.AC.Proposal dated 16-05-2016

(ii) FA&CAO’s letter No.AC/FX/1465/CEE/HQ/16/539 dated 10-05-2016

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Please connect this office letter of even no. dated 07-03-2017 under which current status for obtaining Integrated Management System (i.e. ISO 9001 for Quality, ISO 14001 for Environment and ISO 18001 for Occupational Health & Safety (OHSAS) for ELS Kalyan was sent.

In clarification to Item No. 3 of FA&CAO’s letter referred above, it is stated that though the proposal is combined for consultancy and certification at a total cost of Rs 1,96,000/- for obtaining concurrence and competent authority’s sanction, it contains cost of consultancy and certification separately, which are Rs 66,000/- and Rs 1,30,000/- respectively. Tenders will be invited accordingly for consultancy and certification separately as per Railway Board’s letter No.2002/E&R dated 19-02-2007.

FA&CAO may please be advised accordingly and be impressed upon for early concurrence of the proposal.

(हरि राम)

वरिष्ठ मंडल विद्युत् इंजिनियर

(क.च.स्टॉक) कल्याण

सं०:इएलएसकेवाईएन/वर्क्स/2015/ बोगी दिनांक: 24.03.2017

मुख्य विद्युत लोको इंजीनियर

मध्य रेल / सी एस टी एम

**(ध्यानार्थ: श्री एस० सी० चौधरी, उप मुख्य बिजली इंजीनियर/ ईएम)**

विषय : Administrative approval for works tender to be undertaken at divisional level

and approval for inclusion of Special Condition in the works tender for the work

of “One time replacement of nose lug and pivot assembly of WAG-9 bogies”

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Approval of HQ was accorded for the work of “Replacement of traction motor support plate and bogie nose” of three phase electric locomotives (WAP-7/WAG-9)” vide letter No. L.253.AC/Div-Work dated 05-01-2016. Technical Specification & Scope of work submitted by Sr.DEE/TRS/AQ and Definition of similar work was approved under this letter, which is reproduced below:

**“Manufacturing & Supply” OR “Repairing/ rehabilitation” of bogies of three phase locos (WAP-7/ WAG-9)”**

Accordingly tender was invited for 46 bogies of Ved Sassomeccanica Pvt. Ltd. at a tender cost of Rs 70.68 lac with the condition of minimum eligibility criteria. This tender was dropped in view of the CLW’s instructions vide letter No.ELDD/3751/ Pt.189 dated 19-03-2016 vide which it is stated that to take immediate corrective action on war footing to resolve the problems in nose lugs, the OEM of bogies M/s Ved Sassomeccanica (India) Pvt. Ltd, Kanpur have agreed to modify the bogie and replacement of traction motor support (not pivot support) in the bogies supplied by them.

Accordingly the above work has been completed in 46 bogies of Ved Sassomeccanica Pvt. Ltd by them. Now in terms of Director General/ Electrical/RDSO’s letter No. EL/3.1.35/2 (Bogie- 3 ph) dated 21-03-2017, unmodified motor support ( having filet radius 8R or less on upper face) are to be replaced by modified motor support having fillet radius of 15 R in all bogies (CLW and trade) on priority.

As stated earlier motor support of 46 bogies of trade i.e. Ved Sassomeccanica Pvt. Ltd. have been modified by them. Motor support of 22 Bogies of CLW make are now to be modified on priority.

Estimate for 66 Nos. bogies for this work is already sanctioned. As per sanctioned estimate, cost of replacement of 1 No. pivot assembly incorporating 2 Nos. motor support and 4 Nos. motor support (nose lug) in each bogie, works out to be Rs 33,80,432/- for 22 bogies. Minimum eligibility criteria will not be applicable in this case as the cost is below Rs 50 lakh. Being safety item it is necessary to get this work done through reputed and approved sources. In RDSO’s Modification Sheet No. RDSO/2015/EL/MS/0443 dated 17-09-2015, agency for implementation is indicated as “ Replacement work will be carried out by approved sources of three phase bogie (WAP-7/ WAG-9) in shed/ workshop premises”

In view of the above it is requested to accord HQ’s administrative approval to invite open tenders for said work with special condition “The firm/ contractor should be on list of RDSO/CLW’s approved sources for bogies of 3 phase loco (WAP-7/WAG-9). The offer of firms/ contractors which are not in the said list of approved sources, will be summarily rejected.” Approved technical specification & scope of work of Sr.DEE/TRS/AQ will be applicable.

(हरि राम)

वरिष्ठ मंडल विद्युत् इंजिनियर

(क.च.स्टॉक) कल्याण

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| **मध्य रेल**  वरिष्ठ मंडल विद्युत अभियंता (कचस्टॉक) कार्यालय  विद्युत लोको शेड, कल्याण – ४२१ ३०१-  फोन / फैक्स:- 0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301.  Email :- srdeetrskyncrly@gmail.com |

No.KYN.RS.T.240.Transf-2007, Part II Date: 17.03.2017

मुख्य विद्युत लोको इंजीनियर

मध्य रेल / सी एस टी एम

**( ध्यानार्थ: श्री एस० सी० चौधरी, उप मुख्य बिजली इंजीनियर/ ईएम )**

**विषय**: LOA No. L.253.AC.2008.TFP.5400 dated 03-04-2009 for “Repair,

rehabilitation, testing and supply of HETT-5400 Transformer,

Qty- 22 Nos. (Increased to 27)

संदर्भ: HQ’s letter No. L.253.AC.2008.TFP- 5400 dated 06-03-2017.

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Vide above referred letter, it was advised by HQ to release the amount towards SD retained against subject contract.

In this connection it is stated that no Security Deposit was deducted from firm’s on account bills of 14 Nos. transformers pertaining to ELS Kalyan, as full amount of Rs 10,76,270/- towards security deposit was retained vide TDR for Rs 2,77,370/- and balance amount of Rs 7,98,900/- was deducted at ELW/BSL.

The above was conveyed vide HQ’s letter No.L.253.AC.2008/TFP5400 dated 29-03-2010 (Copy enclosed for ready reference) and it was advised not to deduct further amount towards security deposit from firm’s on account bills.

(सौरभ आनंद)

सहा मंडल विद्युत् इंजिनियर

कृते वरिष्ठ मंडल विद्युत् इंजिनियर

(क.च.स्टॉक) कल्याण

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| **मध्य रेल**  वरिष्ठ मंडल विद्युत अभियंता (कचस्टॉक) कार्यालय  विद्युत लोको शेड, कल्याण – ४२१ ३०१-  फोन / फैक्स:- 0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301.  Email :- srdeetrskyncrly@gmail.com |

सं०. ईएलएसकेवाईएन/डब्ल्यूकेएस/2015/आयएसओ दिनांक: 16.03.2017

मुख्य विद्युत लोको इंजीनियर

मध्य रेल / सी एस टी एम

**( ध्यानार्थ: श्री एस० सी० चौधरी, उप मुख्य बिजली इंजीनियर/ ईएम )**

**विषय**: ISO Certification for Sheds/ Workshops and other units.

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As desired, copy of following Railway Board`s letters regarding ISO certification are sent here with:

1. No.F(X)-II/2002/ISO/1 Dated 13.06.2002.
2. No F(X)-II/2002/ISO/1 Dated 09.11.2004.
3. No.2002/E&R/1100/1 (Pt I) Dated 19.02.2007.
4. No.2015/E&HM/03/02 Dated 11.06.2015.

(सौरभ आनंद)

सहा मंडल विद्युत् इंजिनियर

कृते वरिष्ठ मंडल विद्युत् इंजिनियर

(क.च.स्टॉक) कल्याण

सं०:इएलएसकेवाईएन/वर्क्स/2014/18/बेअरिंग ब्रैकेट दिनांक: 14.03.2017

मुख्य विद्युत लोको इंजीनियर

मध्य रेल / सी एस टी एम

**(ध्यानार्थ: श्री एस० सी० चौधरी, उप मुख्य बिजली इंजीनियर/ ईएम)**

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विषय : Administrative approval for works tender to be undertaken at divisional leve

and approval for technical specification of the work of “Rehabilitation of Bearing Bracket of HS 15250 A Traction Motor Qty -18 Sets”.

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Electric Loco Shed, Kalyan is holding 768 nos. of HS 15250 A Traction Motor i.e. provided on 128 Locos. Bearing Brackets are being used to hold the bearing of Traction Motor. During service bearings gets loose in bearing bracket, inner bearing support gets loose. Bearing brackets cannot be used in same condition. To reuse these bearing brackets, rehabilitation of the same is required. 18 Sets of bearing brackets (18 Nos. of Pinion End & 18 Nos. of Commutator End) are lying on shop floor which can be re-used after necessary rehabilitation.

As no requisite facility like skilled man power, machine and material is available in the shed to carry out the rehabilitation of bearing brackets of HS 15250 A Traction Motor, it is proposed to get this work done through outside agency on open tender basis.

An estimate no. WKS/2014/04 for “Rehabilitation of Bearing Bracket of HS 15250 A Traction Motor Qty -18 Sets” amounting to Gross of Rs. 4,75,400/- has been sanctioned by competent authority (Copy enclosed).

It is requested to kindly accord HQ’s administrative approval to carry out the subject work through work contract on open tender basis at divisional level and also to approve the technical specification of the said work.

**(हरि राम)**

**वरिष्ठ मंडल विद्युत् इंजिनियर**

**(क.च.स्टॉक) कल्याण**

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| मध्य रेल  वरिष्ठ मंडल विद्युत अभियंता (कचस्टॉक) कार्यालय  विद्युत लोको शेड, कल्याण – ४२१ ३०१-  फोन / फैक्स:- 0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301.  Email :- srdeetrskyncrly@gmail.com |

सं०. ईएलएसकेवाईएन/डब्ल्यूकेएस/2015/आयएसओ दिनांक: 07.03.2017

मुख्य विद्युत लोको इंजीनियर

मध्य रेल / सी एस टी एम

**( ध्यानार्थ: श्री एस० सी० चौधरी, उप मुख्य बिजली इंजीनियर/ ईएम )**

**विषय**: Environment Management System (EMS)/ Integrated Management

System (IMS)

**संदर्भ** : Rly Bd’s (Dir.Elect. Engg. (RS) letter No.2017/Elect. (TRS)/225/1

dtd 07-03-2017.

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The current status of obtaining Integrated Management System (i.e. ISO 9001 for Quality, ISO 14001 for Environment and ISO 18001 for Occupational Health & Safety (OHSAS) for ELS Kalyan is as under:

DRM’s approval for a proposal of “ISO 9001, 14001 & 18001 Certification for Electric Loco Shed, Kalyan” was obtained vide this office note of even No. dated 18-12-2015.

Sr.DFM/CSTM vetted above proposal at a total cost of Rs 1,96,000/- for FA & CAO’s concurrence and AGM’s sanction being beyond the powers delegated at Divisional Level in terms of Item No. 1.14 (c) of SOPGEN 2009.

FA & CAO through HQ’s letter No. L.253.AC.Proposal dated 16-05-2016 raised some queries.

As all the queries were pertaining to policy matter, a reply was sent to HQ vide this office letter of even No. dated 04-06-2016 stating to decide all the points at HQ level.

FA&CAO’s concurrence and AGM’s sanction is still awaited.

(सौरभ आनंद)

सहा मंडल विद्युत् इंजिनियर

कृते वरिष्ठ मंडल विद्युत् इंजिनियर

(क.च.स्टॉक) कल्याण

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| **मध्य रेल**  वरिष्ठ मंडल विद्युत अभियंता (कचस्टॉक) कार्यालय  विद्युत लोको शेड, कल्याण – ४२१ ३०१-  फोन / फैक्स:- 0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301.  Email :- srdeetrskyncrly@gmail.com |

No. KYN.RS.T.COFMOW.UFWL AMC Date: 06.03.2017

मुख्य विद्युत लोको इंजीनियर

मध्य रेल / सी एस टी एम

**( ध्यानार्थ: श्री एस० सी० चौधरी, उप मुख्य बिजली इंजीनियर/ ईएम )**

Sub: Malfunctioning of CNC Under Floor Wheel Lathe machine NGFU-54 in

Auto Cycle Mode.

Ref : Your letter No. L.253.AC.WP dated 22-02-2017.

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As desired vide above referred letter, the details of all the defects noticed in the Under Floor Wheel Lathe machine so far since its commissioning are detailed in Annexure attached.

(हेमंत जिंदल)

मंडल विद्युत् इंजिनियर

कृते वरिष्ठ मंडल विद्युत् इंजिनियर

(क.च.स्टॉक) कल्याण

ANNEXURE

**Defects History of HYT UFWL NGFU 54. Since Commissioning Up to FEB 2017**

(Ref: - Letter No. L.253.AC.WP Dt. 22.02.2017)

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| Sr. No. | Defects. | 2012 - 13 | 2013 - 14 | 2014 - 15 | 2015 - 16 | 2016 - 17 | TOTAL |
| 1 | Diameter Measuring Device Failures. | 05 | 10 | 14 | 21 | 07 | 57 |
| 2 | Drive Roller Failures. | - | 16 | 10 | 01 | 04 | 31 |
| 3 | OGS Guard Failures | - | 06 | 05 | 06 | 02 | 19 |
| 4 | Hold Down Device Failures. | 04 | 03 | 05 | 01 | - | 13 |
| 5 | Hydraulic Power Pack Failures. | - | 03 | 02 | 06 | 01 | 12 |
| 6 | Tool Post Assembly Failures. | - | - | 04 | 01 | 01 | 06 |
| 7 | Chip Crusher Failures. | - | - | 01 | 01 | - | 02 |
| 8 | Lateral Rollers Failures. | - | 01 | 01 | 02 | 02 | 06 |
| 9 | Winch Machine Failures. | 01 | - | - | 01 | 01 | 03 |
| 10 | Operator Guidance System Failures. | 04 | 09 | - | - | - | 13 |
| 11 | Sliding Rail Failures. | 01 | 03 | - | - | 01 | 05 |
| 12 | LHS Jack Failures. | - | 03 | - | - | 01 | 04 |
| 13 | Mains Transformer Failure. | - | 01 | - | - | - | 01 |
| 14 | Profile 32 could not get selected. | - | 01 | - | - | - | 01 |
| 15 | Hydraulic Motor Tripping. | - | - | - | - | 02 | 02 |
|  | TOTAL | 15 | 56 | 42 | 40 | 22 | 175 |

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No. KYN.RS.T.240.Trans.5400.WAG-7.2009 Date: 14.02.2017

मुख्य विद्युत लोको इंजीनियर

मध्य रेल / सी एस टी एम

**( ध्यानार्थ: श्री एस० सी० चौधरी, उप मुख्य बिजली इंजीनियर/ ईएम )**

Sub: The work of Repair, reconditioning of transformer type HETT-5400

(Al foil winding type) of AC Locomotives, Qty -06 Nos against

Ref : Your letter No. L.253.AC.2009/02/TFP-5400 dated 10-02-2017.

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Vide above referred letter, confirmation of warranty obligations are asked against the subject contract executed by M/s High –Volt Electricals (P) Ltd, Mumbai -93.

As per para 20 of LOA, warranty period is 24 months from the date of commissioning of transformer.

As mentioned in above letter, qty of 4 Nos. transformers were executed for ELS/Kalyan. Physical completion of repair/ reconditioned of 4th and last transformer was completed on 28-01-2014 after commissioning on locomotives. Thus warranty period for the work carried out by firm for ELS/ KYN was upto 27-01-2016 as per LOA.

It is confirmed that there are no warranty obligations pending against this contract from ELS/Kalyan side.

(हरि राम)

वरिष्ठ मंडल विद्युत् इंजिनियर

(क.च.स्टॉक) कल्याण

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| मध्य रेल  वरिष्ठ मंडल विद्युत अभियंता (कचस्टॉक) कार्यालय  विद्युत लोको शेड, कल्याण – ४२१ ३०१-  फोन / फैक्स:- 0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301.  Email :- srdeetrskyncrly@gmail.com |

सं०. केवाईएन/आरएस/टी/240/ट्राईप्लेट/2010 दिनांक: 21.02.2017

मुख्य विद्युत लोको इंजीनियर

मध्य रेल / सी एस टी एम

**(ध्यानार्थ: श्री एस० सी० चौधरी, उप मुख्य बिजली इंजीनियर/ ईएम)**

**विषय**: LOA No. L.253.AC.2012/Triplate dt 15-04-2013 for provision of triplate

panel on electric locomotives, Qty – 130 Nos.

संदर्भ: Your letter No.L.253.AC.2012/TRIPLATE dated 09-01-2017.

**\*\*\*\*\***

As desired vide above referred letter, following remarks are offered:

The work of initially allocated quantity of 27 Nos. for ELS Kalyan has been completed. Further as per this shed’s requirement, quantity is increased by 3 Nos. for ELS/Kalyan vide letter No.L.252.AC.2012/Triplate dated 24-11-2016.

It is confirmed that:

1. The delay is on account of completion period required for execution of increased quantity which depends on sparing of loco for execution of work.
2. There is no loss to Railway due to the extension of completion period upto 31/03/2017 as asked by the contractor.

(सौरभ आनंद)

सहा० मंडल विद्युत् इंजिनियर

कृते वरिष्ठ मंडल विद्युत् इंजिनियर

(क.च.स्टॉक) कल्याण

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| **मध्य रेल**  वरिष्ठ मंडल विद्युत अभियंता (कचस्टॉक) कार्यालय  विद्युत लोको शेड, कल्याण – ४२१ ३०१-  फोन / फैक्स:- 0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301.  Email :- srdeetrskyncrly@gmail.com |

No. KYN.RS.T.240.VCB/BT.2010 Date: 28.02.2017

मुख्य विद्युत लोको इंजीनियर

मध्य रेल / सी एस टी एम

**( ध्यानार्थ: श्री एस० सी० चौधरी, उप मुख्य बिजली इंजीनियर/ ईएम )**

Sub: The work of up-gradation/ modification of single bottle VCB type BVAC

25.10 (older version) and BVAC 25.10.M.07 (OLD) of SECHERON

design supplied by M/s BT to VCB type BVAC 25.10 M 07 (NEW)

Ref : Your letter No. L.253.AC.2010/VCB dated 08-11-2016.

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Vide above referred letter, confirmation of warranty obligations was asked against the subject contract executed by M/s Bombardier Transportation India Limited, Vadodara.

As mentioned in above letter, Qty of 2 Nos. VCBs were executed for ELS/Kalyan. 1st VCB was received on 27-09-2011 and commissioned on loco on 29-09-2011 and 2nd VCB was received on 17-03-2012 & commissioned on loco on 24-04-2012.

It is confirmed that there are no warranty obligations pending against this contract from ELS/Kalyan.

(Hemant Jindal)

DEE(TRS) Kalyan

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| **मध्य रेल**  वरिष्ठ मंडल विद्युत अभियंता (कचस्टॉक) कार्यालय  विद्युत लोको शेड, कल्याण – ४२१ ३०१-  फोन / फैक्स:- 0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301.  Email :- srdeetrskyncrly@gmail.com |

No. .ELSKYN.WKS.2016.12.Hand Brake Date: 03.12.2016

मुख्य विद्युत लोको इंजीनियर

मध्य रेल / सी एस टी एम

**( ध्यानार्थ: श्री एस० सी० चौधरी, उप मुख्य बिजली इंजीनियर/ ईएम )**

Sub: Administrative approval for works tender to be undertaken at divisional

level and approval for technical specification of the same.

“Conversion of existing Hand Brake to Modified Hand Brake Gear type)

arrangement in WAG-7 type Electric Locomotives as per Modification

Drg No. RDSO.SKEL.4993, Alt ‘0’, Qty – 50 Nos.

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Presently, electric locomotives are fitted with conventional type loco hand brake. This existing design of hand brake has limitations like difficulty in operation, unwieldy design of handle, high wear and tear in gear/pinions etc. Because of inadequate attention complexity of design and wear and tear, the brake often does not release after application.

To overcome the above problem, RDSO has modified the design of existing hand brake and gear type hand brakes are provided in no. of locomotives in different Zonal Railways. The performance of modified hand brake is reported to be encouraging. Hence RDSO have issued Modification Sheet No. RDSO/2014/EL/MS/0440 (Rev 0) and recommended to implement the same on electric locomotives. Likely source of supply has also been identified by RDSO.

ELS/KYN is having holding of 50 Nos. WAG/7 locomotives having conventional type hand brake in which modified hand brake are to be provided. This work cannot be carried out departmentally in absence of expertise and requisite material.

It is therefore proposed to carry out the work of “Conversion of existing hand brake to modified hand brake (Gear Type) arrangement in 50 Nos. of WAG/7 type locomotives as per RDSO’s Drg No.SKEL-4993, Alt ‘0’ through outside agency on open tender basis.

Accordingly, detailed estimate No. ELSKYN/WKS.2016/07 prepared for subject work at an total cost of ` 6,87,850/- has been sanctioned by competent authority (copy enclosed).

It is requested to kindly accord administrative approval to carry out the subject work through works contract on open tender basis as per RDSO’s M.S.No. RDSO/2014/EL/MS/0440 (Rev.1) dtd 16-09-2015 or latest. (Copy enclosed)

(Hari Ram)

Sr. DEE(TRS) Kalyan

DA: As above

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| मध्य रेल  वरिष्ठ मंडल विद्युत अभियंता (कचस्टॉक) कार्यालय  विद्युत लोको शेड, कल्याण – ४२१ ३०१-  फोन / फैक्स:- 0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301.  Email :- srdeetrskyncrly@gmail.com |

सं०. ईएलएसकेवाईएन/वर्क्स/टीएफपी/एलओटी/6500 दिनांक: 10.01.2017

मुख्य विद्युत लोको इंजीनियर

मध्य रेल / सी एस टी एम

**( ध्यानार्थ: श्री एस० सी० चौधरी, उप मुख्य बिजली इंजीनियर/ ईएम )**

**विषय**: Repairs, Reconditioning, Testing and Supply of 6500 KVA Transformer type

LOT 6500 for 3 phase WAG-9 type Locos – 5 Nos.

संदर्भ: (i) Your letter No.L.253.AC.Estt dated 22-12-2016

(ii) FA & CAO’s letter No.AC/FX/1465/CEE/HQ/16/557 dtd 22-12-2016.

**\*\*\*\*\***

The para-wise remarks on the finance observations raised vide FA&CAO’s above letter are as under:

1. Administrative approval of CEE may please be obtained at HQ’s level.

2& 3) The performance of transformer is reviewed quarterly by RDSO based upon the feed backs from sheds/ workshops. After analyzing the failures, RDSO advises to Sheds/ Firms for necessary action plan to be adopted for avoiding such failure. Further the analysis of internal faults of transformer cannot be done by sheds as shed has neither expert staff for dismantling of loco transformer nor it has, required tools and plants to dismantle the TFP. Repair or dismantling is not a activity to be done by shed as it is a major equipment which need large no. of tools and plant for dismantling, testing etc. Sheds only carry out maintenance schedules. However the investigation report is asked from the firm by RDSO.

1. The prescribed work/ schedules of maintenance is being carried out during various schedules. Maintenance schedules of transformer are issued by RDSO. Accordingly maintenance schedules IA/IB/IC and major schedules TOH/IOH are carried out by respective loco sheds and the POH schedule is carried out by POH Workshops during POH.

1. Proper testing and inspection is being carried out by appropriate inspecting agency before acceptance of new/ repaired transformer from supplier and warranty clause is included in the conditions.

6&7) Transformer’s repair/reconditioning is outsourced only when transformer fails on account of winding failure/ internal faults, otherwise minor repair works are taken care of at shed level. No patch work/ repairing of winding is permissible. Winding is required to be replaced in case of failure. Further in case of failure of winding, all insulation (material), gaskets, lamination, oil get spoiled due to heavy flash over. In some cases, bushings also get damaged. Hence complete reconditioning and repairs of transformer is necessary and unavoidable. Moreover repaired/reconditioned transformer bears 24 months warranty from the date of commissioning which is equivalent to warranty of new transformer. As the major cost of transformer is attributed to the copper winding, the cost of rewinding is to be higher naturally. In view of this incurring of 43% cost towards repair/ reconditioning seems justified.

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1. The estimated cost is based on last accepted rate which has been considered reasonable and accepted by competent authority. Also the cost assessment by break up in context of labour and material cost is not possible, as transformer is a huge and heavy equipment weighing approx 9.5 Ton. For repairing of such equipment many aspects are involved i.e transportation, handling, infrastructure facilities like jigs and fixtures, core drying plant and precise test set-up.
2. Vide Railway Board’s letter No.2013/CE-I/CT/0/10/PVC/Pt I dated 27-01-2015 (Copy enclosed), PVC clause is not applicable to AMC and Zonal Contracts. For proposed work being a Zonal Contracts, PVC clause will not be applicable.
3. Only transformer oil is stock item for transformer which can be supplied from Railway Stores. The AAC of oil is for regular use of shed and not for repairs/ reconditioning of failed transformer. But if this is supplied, there will be inter-mingling of material from two agencies due to which warranty disputes may arise. Moreover if transformer fails in warranty period, Railway will have to supply the oil again which will be an extra burden on railway, otherwise firm will bear the cost of oil during the course of warranty repairs.
4. Transformer repairs/ reconditioning is as good as manufacturing a new transformer, which requires huge infrastructural set-up of tools, machinery, plants and expert men power. Loco Sheds are meant for regular maintenance of electric locomotives, it does not have, required tools, plant, machinery and expert men power for rewinding/ reconditioning of TFP. Setting up of required infrastructure and recruitment of expert men power on permanent basis for this activity will not be financially viable for Railways, as quantity of transformer to be reconditioned is very less (5 Nos. for ELS KYN)
5. As stated in para (8), Railway does not have necessary infrastructure facilities, required material and expertise men power for carrying out proposed repairs and reconditioning in the shed.

In view of the above clarifications, FA&CAO may please be apprised for concurrence of the above proposal.

(हरि राम)

वरिष्ठ मंडल विद्युत् इंजिनियर

(क.च.स्टॉक) कल्याण

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| **मध्य रेल**  वरिष्ठ मंडल विद्युत अभियंता (कचस्टॉक) कार्यालय  विद्युत लोको शेड, कल्याण – ४२१ ३०१-  फोन / फैक्स:- 0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301.  Email :- srdeetrskyncrly@gmail.com |

No.KYN.RS.T.240.Transf-2007, Part II Date: 16.01.2017

मुख्य विद्युत लोको इंजीनियर

मध्य रेल / सी एस टी एम

**( ध्यानार्थ: श्री एस० सी० चौधरी, उप मुख्य बिजली इंजीनियर/ ईएम )**

**विषय**: LOA No. L.253.AC.2008.TFP.5400 dated 03-04-2009 for “Repair,

rehabilitation, testing and supply of HETT-5400 Transformer,

Qty- 22 Nos. (Increased to 27)

संदर्भ: HQ’s letter No. L.253.AC.2008.TFP- 5400 dated 25-05-2016.

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Vide above referred letter, confirmation of warranty obligations was asked against the subject contract executed by M/s Hind Rectifiers Ltd.

Replacement of 14 Nos. gauge glasses agreed by firm, were pending for supply by them. After lot of chasing, the firm has supplied required 14 Nos. gauge glasses and nothing is pending at firm’s end now.

The work of repair, rehabilitation, testing and supply of 14 Nos. HETT 5400 transformers had been completed long back i.e. last transformer No. 2012267 repaired by firm was commissioned on Loco No. 21977 on 13-05-2013.

It is confirmed that there are no warranty obligations pending against this contract from ELS/Kalyan.

(हरि राम)

वरिष्ठ मंडल विद्युत् इंजिनियर

(क.च.स्टॉक) कल्याण

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| **मध्य रेल**  वरिष्ठ मंडल विद्युत अभियंता (कचस्टॉक) कार्यालय  विद्युत लोको शेड, कल्याण – ४२१ ३०१-  फोन / फैक्स:- 0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301.  Email :- srdeetrskyncrly@gmail.com |

No. .KYN.RS.T.240.Hitachi- 2007 Date: 26.12.2016

मुख्य विद्युत लोको इंजीनियर

मध्य रेल / सी एस टी एम

**( ध्यानार्थ: श्री एस० सी० चौधरी, उप मुख्य बिजली इंजीनियर/ ईएम )**

Sub: Physical Completion Report for the work of “Mechanical repair/ rehabilitation of

Hitachi Traction Motor Stator type HS 15250 of electric Locomotives.

Ref : (i) HQ’s LOA No. L.253.AC.2010/HITACHI TM dated 06-04-2011.

(ii) HQ’s letter No.L.253.AC.2010/HITACHI TM dated 05-10-2016.

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Vide above reference, physical completion detail against allocated quantity to ELS/KYN is as detailed below:

Qty allocated – 26 Nos.

Qty executed – 26 Nos.

Further Physical Completion Report in requisite proforma is as under

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Year of execution | Qty | Total gross and Net payment | S D retained | Date of physical completion | Remarks |
| 2012-15 | 26 Nos. | Gross Payment – ` 21,92,138/-  Net Payment– ` 19,92,702/- | ` 1,09,607/- | 02-12-2015 | Warranty of 1st lot of 16 Nos. stators  supplied on 08-02-12 has been expired, but warranty of 2nd lot of 10 Nos. supplied on 02-12-2015 is expiring on 05-10-2017. |

(Hari Ram)

Sr. DEE(TRS) Kalyan

DA: As above

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| **मध्य रेल**  वरिष्ठ मंडल विद्युत अभियंता (कचस्टॉक) कार्यालय  विद्युत लोको शेड, कल्याण – ४२१ ३०१-  फोन / फैक्स:- 0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301.  Email :- srdeetrskyncrly@gmail.com |

No.ELSKYN.T.239.UFWL.AMC.2010 Date : 27-12-2016

मुख्य विद्युत लोको इंजीनियर

मध्य रेल / सी एस टी एम

**( ध्यानार्थ: श्री एस० सी० चौधरी, उप मुख्य बिजली इंजीनियर/ ईएम )**

Sub : Contract Agreement No. L.253.AC.2011/PWL dated 14-06-2012 in connection

with “Annual Maintenance Contract of Under Floor Pit Wheel Lathe model LUW

170 B at Electric Loco Shed, Ajni-Nagpur and Kalyan of Central Railway for two

years.

Ref : Your office letter No.L.253.AC.2011/PWL dated 24-06-2016, addressed to firm

copy to this office

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Vide letter under reference, it is stated that completion period of subject AMC was fourth time extended up to 29-05-2016 as per firms request and it was clarified to firm that expiry of completion time does not tantamount to expiry of validity of the contract.

In this context, permission to carry out the 4th schedule of 2nd year, permission as and when required by firm had been given by this office.

Inspite of repeated reminders and permission granted to the firm, they have failed to execute the work of 4th schedule of 2nd year. Last letter No.KYN.RS.T.239.UFWL.AMC.2010 dated 12-09-2016 (Copy enclosed) was issued to the firm, but the work is still pending.

In view of the above, it is requested to issue a seven days notice to the firm for completion of work.

(Hari Ram)

Sr. DEE(TRS) Kalyan

DA: As above

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| **मध्य रेल**  वरिष्ठ मंडल विद्युत अभियंता (कचस्टॉक) कार्यालय  विद्युत लोको शेड, कल्याण – ४२१ ३०१-  फोन / फैक्स:- 0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301.  Email :- srdeetrskyncrly@gmail.com |

No. .ELSKYN.WKS.2016.12.Hand Brake Date: 26.12.2016

मुख्य विद्युत लोको इंजीनियर

मध्य रेल / सी एस टी एम

**( ध्यानार्थ: श्री एस० सी० चौधरी, उप मुख्य बिजली इंजीनियर/ ईएम )**

Sub: Physical Completion Report for the work of “Repair and Rehabilitation of Dynamic

Braking Resistance of AC Locomotives”.

Ref : (i) HQ’s LOA No. L.253.AC.2010/DBR dated 18-03-2011.

(ii) HQ’s letter No.L.253.AC.2010/DBR dated 06-10-2016

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Vide above reference, physical completion report for the contract awarded to M/s Daulatram Industries, Bhopal, physical completion details are as detailed below:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Shed/Shop | Quantity | | | | |
|  | Schedule item -1 (i) | Schedule item -1 (ii) | Schedule item -2 (i) | Schedule item -2 (ii) | Schedule item -3 |
| ELS/KYN | 23 | -- | 2 | -- | 24 |

Further Physical Completion Report in requisite proforma is as under

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Year of execution | Qty | Total gross and Net payment | S D retained | Date of physical completion | Remarks |
| 2011-14 | Schedule item -1 (i) –  23 Nos.  Schedule item -2 (i)-  2 Nos.  Schedule item -3 –  24 Nos. | Gross Payment –  ` 1,26,47,600/-  Net Payment – ` 1,13,11,996/- | ` 6,50,640/- | 18-02-2014 | No warranty obligations are pending against this contract. |

(Hari Ram)

Sr. DEE(TRS) Kalyan

DA: As above

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| **मध्य रेल**  वरिष्ठ मंडल विद्युत अभियंता (कचस्टॉक) कार्यालय  विद्युत लोको शेड, कल्याण – ४२१ ३०१-  फोन / फैक्स:- 0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301.  Email :- srdeetrskyncrly@gmail.com |

No. .ELSKYN.WKS.2016.12.Hand Brake Date: 03.12.2016

मुख्य विद्युत लोको इंजीनियर

मध्य रेल / सी एस टी एम

**( ध्यानार्थ: श्री एस० सी० चौधरी, उप मुख्य बिजली इंजीनियर/ ईएम )**

Sub: Administrative approval for works tender to be undertaken at divisional

level and approval for technical specification of the same.

“Conversion of existing Hand Brake to Modified Hand Brake Gear type)

arrangement in WAG-7 type Electric Locomotives as per Modification

Drg No. RDSO.SKEL.4993, Alt ‘0’, Qty – 50 Nos.

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Presently, electric locomotives are fitted with conventional type loco hand brake. This existing design of hand brake has limitations like difficulty in operation, unwieldy design of handle, high wear and tear in gear/pinions etc. Because of inadequate attention complexity of design and wear and tear, the brake often does not release after application.

To overcome the above problem, RDSO has modified the design of existing hand brake and gear type hand brakes are provided in no. of locomotives in different Zonal Railways. The performance of modified hand brake is reported to be encouraging. Hence RDSO have issued Modification Sheet No. RDSO/2014/EL/MS/0440 (Rev 0) and recommended to implement the same on electric locomotives. Likely source of supply has also been identified by RDSO.

ELS/KYN is having holding of 50 Nos. WAG/7 locomotives having conventional type hand brake in which modified hand brake are to be provided. This work cannot be carried out departmentally in absence of expertise and requisite material.

It is therefore proposed to carry out the work of “Conversion of existing hand brake to modified hand brake (Gear Type) arrangement in 50 Nos. of WAG/7 type locomotives as per RDSO’s Drg No.SKEL-4993, Alt ‘0’ through outside agency on open tender basis.

Accordingly, detailed estimate No. ELSKYN/WKS.2016/07 prepared for subject work at an total cost of ` 6,87,850/- has been sanctioned by competent authority (copy enclosed).

It is requested to kindly accord administrative approval to carry out the subject work through works contract on open tender basis as per RDSO’s M.S.No. RDSO/2014/EL/MS/0440 (Rev.1) dtd 16-09-2015 or latest. (Copy enclosed)

(Hari Ram)

Sr. DEE(TRS) Kalyan

DA: As above

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| **मध्य रेल**  वरिष्ठ मंडल विद्युत अभियंता (कचस्टॉक) कार्यालय  विद्युत लोको शेड, कल्याण – ४२१ ३०१-  फोन / फैक्स:- 0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301.  Email :- srdeetrskyncrly@gmail.com |

No. .ELSKYN.WKS.2016.12.Hand Brake Date: 03.12.2016

मुख्य विद्युत लोको इंजीनियर

मध्य रेल / सी एस टी एम

**( ध्यानार्थ: श्री एस० सी० चौधरी, उप मुख्य बिजली इंजीनियर/ ईएम )**

Sub: Administrative approval for works tender to be undertaken at divisional

level and approval for technical specification of the same.

“Conversion of existing Hand Brake to Modified Hand Brake Gear type)

arrangement in WAG-7 type Electric Locomotives as per Modification

Drg No. RDSO.SKEL.4993, Alt ‘0’, Qty – 50 Nos.

Ref : This office letter of even no. dated 03-12-2016

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In continuation of above referred letter, following further comments are offered in connection with outsourcing of this work.

This work is to be carried out first time on 50 Nos. WAG/7 locomotives having conventional type hand brake. Required material is not available and it will take time to process the material separately. Further this work involves dismantling of existing conventional hand brake from foundation and correct setting of new modified hand brake in relation to original points, lines and levels of reference is to be ensured. Hence new work true to alignment, grade, levels and dimensions is required to be executed for which expertise staff is not available in shed. Also this is an additional work, sparing of staff for this work will result into detention of locomotives.

Rates adopted in estimate are based on works contract awarded by Sr.DEE(TRS)/ELS/ET which is for “Provision of modified hand bake arrangement” comprising required material and fitment portion.

In view of the above, it is requested to kindly accord administrative approval to carry out the subject work through works contract by outsourcing the same on open tender basis as per RDSO’s M.S.No. RDSO/2014/EL/MS/0440 (Rev.1) dtd 16-09-2015 or latest.

(हरि राम)

वरिष्ठ मंडल विद्युत् इंजिनियर

(क.च.स्टॉक) कल्याण

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| मध्य रेल  वरिष्ठ मंडल विद्युत अभियंता (कचस्टॉक) कार्यालय  विद्युत लोको शेड, कल्याण – ४२१ ३०१-  फोन / फैक्स:- 0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301.  Email :- srdeetrskyncrly@gmail.com |

सं०. ईएलएसकेवाईएन/डब्ल्यूकेएस/2015/आयएसओ दिनांक: 03.12.2016

मुख्य विद्युत लोको इंजीनियर

मध्य रेल / सी एस टी एम

**( ध्यानार्थ: श्री एस० सी० चौधरी, उप मुख्य बिजली इंजीनियर/ ईएम )**

**विषय**: ISO 9001, 14001 & 18001 Certification to ELS/ Kalyan.

**संदर्भ** : (i) CEE’s letter No.L.253.AC.Proposal dated 16-05-2016.

(ii) FA&CAO’s letter No.AC/FX/1465/CEE/HQ/16/539

dated 10-05-2016

(iii) This office letter of even No. dated 04-06-2016

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Please connect this office letter of even No. dated 04-06-2016 vide which para-wise remarks on the observations raised by FA&CAO were offered.

In continuation of above letter, it is stated that BSL Shed and AQ shed has got ISO 9001 certification. In the same manner concurrence may please be accorded for ELS/KYN also.

As advised by FA&CAO to process

1. Pertains to HQ.
2. HQ to decide.
3. HQ to decide.
4. HQ to decide.
5. HQ to decide.

(हरि राम)

वरिष्ठ मंडल विद्युत् इंजिनियर

(क.च.स्टॉक) कल्याण

1. Working of ELS/Kalyan is different from the other sheds, as AC/DC type locos are maintained at ELS/Kalyan only. However if it is felt sufficient to adopt revised procedure of any Electric Loco Shed having above certification as per working procedure of ELS/KYN, the same will be adopted.
2. After sanctioning of proposal, consultancy & certification will be bifurcated and will be processed/ invited separately.
3. As stated in para 2 above, if the revised procedure of any certified shed will suit the requirement of ELS/Kalyan, the same can be adopted and only certification proposal will be dealt. Otherwise
4. consultancy proposal will have to be processed.
5. The suggestion of FA&CAO regarding giving of certification contract to a single agency for all ELSs and/ or ELWs of Central Railway together, may be decided at HQ’s level.

(Hari Ram)

Sr.DEE (TRS) Kalyan

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| मध्य रेल  वरिष्ठ मंडल विद्युत अभियंता (कचस्टॉक) कार्यालय  विद्युत लोको शेड, कल्याण – ४२१ ३०१-  फोन / फैक्स:- 0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301.  Email :- srdeetrskyncrly@gmail.com |

सं०. ईएलएसकेवाईएन/वर्क्स/2014/17/एस एल रिपेयर दिनांक: 16.11.2016

मुख्य विद्युत लोको इंजीनियर

मध्य रेल / सी एस टी एम

**( ध्यानार्थ: श्री एस० सी० चौधरी, उप मुख्य बिजली इंजीनियर/ ईएम )**

**विषय**: LOA No. L.253.AC.2013/SL dtd 08-12-2015 for Reconditioning/ rehabilitation

of Smoothing Reactor (SL) of electric locos including all latest SMIs &

modifications, Qty – 73 Nos.

संदर्भ: HQ’s Lifting Order -1 vide letter No. L.253.AC.2013/SL dated 25-01-2016

and Lifting Order -3 vide letter No. L.253.AC.2013/SL dated 17-05-2016

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The firm have supplied 13 Nos. Smoothing Reactors duly reconditioned/ rehabilitated, lifted against above referred lifting orders.

Further 07 Nos. Smoothing Reactors (SL) are lying on shop floor which requires reconditioning/ rehabilitation including RDSO’s all latest SMIs and modifications.

The firm may please be advised to lift the same from Electric Loco Shed, Kalyan.

(हेमंत जिंदल)

मंडल विद्युत् इंजिनियर

(क.च.स्टॉक) कल्याण

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| मध्य रेल  वरिष्ठ मंडल विद्युत अभियंता (कचस्टॉक) कार्यालय  विद्युत लोको शेड, कल्याण – ४२१ ३०१-  फोन / फैक्स:- 0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301.  Email :- srdeetrskyncrly@gmail.com |

सं०. ईएलएसकेवाईएन/वर्क्स/टीएफपी/एलओटी/6500 दिनांक: 04.11.2016

मुख्य विद्युत लोको इंजीनियर

मध्य रेल / सी एस टी एम

**( ध्यानार्थ: श्री एस० सी० चौधरी, उप मुख्य बिजली इंजीनियर/ ईएम )**

**विषय**: Repairs, Reconditioning, Testing and Supply of 6500 KVA Transformer type

LOT 6500 for 3 phase WAG-9 type Locos – 5 Nos.

संदर्भ: (i) Your letter No.L.253.AC.Estt dated 29-09-2016

(ii) FA & CAO’s letter No.AC/FX/1465/CEE/HQ/16/557 dtd 15-09-2016.

**\*\*\*\*\***

The para-wise remarks on the finance observations raised vide FA&CAO’s above letter are as under:

1. Till date, the repairs of transformer type 5400 KVA and 3900 KVA of conventional electric locomotives is carried out through different works contracts awarded by HQ. Subject repairs are different from these repairs being 3 phase transformer type LOT 6500.
2. The complete list of total holding of 3 phase locos of ELS/KYN is enclosed as Annexure.
3. Winding coils made of copper is the main component of Transformer having considerable scrap value. Rest of the items is having almost no scrap value.
4. The book average rate of transformer oil is Rs 90.64 as per P L No.80.09.0280. Approximate quantity used in a transformer is 2500 litres. Further approx 500 litres oil is required for cleaning of core. Before filling in transformer, oil is to be treated for achieving its requisite parameters.
5. ELS KYN’s quantity is not included in the said contract. Two transformers failed within warranty have been repaired by respective OEMs. However to meet the requirement of failed transformers, two transformers repaired under said contract were collected from ELS/ BSL & AQ.
6. i) In case of failure of transformer, winding and all bushings get damaged. These are required to be replaced compulsorily. Whenever transformer is dismantled, complete set of gaskets and hardware etc are also required to be replaced compulsorily irrespective of their conditions.

ii) Whenever there is a failure in winding, the complete winding is required to be replaced. All the layers of winding have to be cut to ensure that there should be no piecemeal replacement of winding, otherwise performance of transformer will get effected.

iii) Drained/ released oil will be disposed off (scrapped) suitably as this cannot be used.

1. POH/ IOH are preventive maintenances. Repair/ Rehabilitation are breakdown maintenance. When a transformer fails in service, it requires complete repair, reconditioning and rehabilitation. Rewinding is one of the major activity of this repair, reconditioning and rehabilitation work.
2. Final variation statement is not required against LOA dated 22-12-2014 as no additional quantity of ELS KYN is executed under this contract.

1. The cost of procurement of such new transformer is Rs 93,68,168/- as per CLW’s PO No. 70/16/0051/10836 dated 21-10-2016. (Copy of list of PO in Oct 2016 enclosed).
2. It has been confirmed that TMW/NKRD is carrying out repairs to stators (of Traction Motors) of 3 phase Siemens rake not transformers.

In view of the above clarifications, FA&CAO may please be apprised for concurrence of the above proposal.

(हरि राम)

वरिष्ठ मंडल विद्युत् इंजिनियर

(क.च.स्टॉक) कल्याण

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| मध्य रेल  वरिष्ठ मंडल विद्युत अभियंता (कचस्टॉक) कार्यालय  विद्युत लोको शेड, कल्याण – ४२१ ३०१-  फोन / फैक्स:- 0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301.  Email :- srdeetrskyncrly@gmail.com |

सं०. ईएलएसकेवाईएन/वर्क्स/2016/14/स्प्रिंग टेस्ट मशीन दिनांक: 07.11.2016

मुख्य विद्युत लोको इंजीनियर

मध्य रेल / सी एस टी एम

**(ध्यानार्थ: श्री एस० सी० चौधरी, उप मुख्य बिजली इंजीनियर/ ईएम)**

**विषय**: Renovation, Testing and Commissioning of PEECO make “ Spring Scragging

and Load Deflection Testing Machine, Capacity – 30 Tons, 700 mm Stroke

संदर्भ: (i) Your letter No.L.742.Loco.S.41 dated 29-09-2016

(ii) FA & CAO’s letter No.AC/FX/1465/CEE/HQ/16/558 dtd 16-09-2016.

**\*\*\*\*\***

The para-wise remarks on the finance observations raised vide FA&CAO’s above letter are as under:

1. Presently the machine is under complete breakdown. As stated, this department is not taking a stand of awaiting loco failure & derailment of loco, but taking consistent efforts to get it repaired. It was highlighted that in absence of spring testing machine, testing and grouping of coil spring as per RDSO’ TC No. ELRS/TC/0075-2002 (Rev ‘0) dated 29/31-05-2002 is not possible to carry out due to which loco failure & derailment of loco may take place.
2. Comparison of the last scope of work with that now proposed along with cost break up is given in Annexure A. Last estimate was prepared on the basis of BQ obtained in 2009. New scope of work consist replacement of additional items like digital load indicator, complete power pack consisting of pump, pump drive motor & coupling, DRO RAM travel indicator, pipe line and repairing of electric panel etc. Hence proper comparison cannot be made. However to compare the proposed cost in more proficient manner, comparison is made with the cost quoted by OEM with latest and similar scope of work as detailed in Annexure ‘B’. The proposed cost is 34.08% lower than the cost quoted by OEM.
3. The estimation in the last tender was based on BQ of M/s Premier Control Systems, Koparkhairane, Navi Mumbai vide BQ No.PCS/1921 dtd 20-03-2009 & PCS/1920/4 dtd 05-04-2011.(Copy enclosed).
4. Yes. It is mentioned in Para No.9 of technical specification of tender conditions that “ The tenderers are advised to visit and evaluate the machine before quoting the rates.
5. The reason for discharging the tender in the 3rd attempt is transfer of A/cs member as considerable time was lapsed in intervening period and inability to finalise the tender by new A/c member. Also this tender was having error in one of the schedule items.
6. Tender specification was changed and given in a more elaborated manner in the 4th attempt.
7. Copy of LOA No.KYN.RS.T.239.M&P.2013 dated 17-01-2014 is enclosed.
8. The comparison of required clauses in the last tender with proposed for the subject proposal is given below:

|  |  |  |  |
| --- | --- | --- | --- |
| Sr.  No. | Clause | In last Tender | Proposed Now |
| 1 | Guarantee/ Warranty | The Hydraulic Spring Testing Machine Repaired/ Reconditioned by contractor shall work for **at least 12 months trouble free service. Contractor has to offer warrantee for trouble free service of 12 months and shall promptly make good any defects, imperfections or faults which may occur at his own cost**. | Same clause will be followed. |

Contd..2

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| --- | --- | --- | --- |
| 2 | Delivery/ Completion Period | 1. The completion period of the contract is 04 months from the date of issue of acceptance letter.   ii) The time for completing the works by the date or extended date fixed for completion shall be deemed to be the essence of the contract and if the contractor fail to complete the works within the time prescribed, the Railway shall, if satisfied that the works can be completed by the contractor within a reasonable short time thereafter be entitled, without prejudice to any other right or remedy available on that behalf to recover by way of ascertained and liquidated damages. If the Railway is not satisfied that the works can be completed by the contractor and in the event of failure on the part of the contractor to complete the work within the further extension of time allowed as aforesaid the Railway shall be entitled, without prejudice to any other right or remedy available in that behalf, to appropriate the Contractor’s security deposit & Performance Guarantee. | Same clause will be followed. |
| 3 | Installation & Commissi-oning | The contractor shall test and commission the machine to its full performance and to the satisfaction of engineer. Repairs, reconditioning or replacement of other items/ parts of machine, which are required for full functioning and performance of machine and not specifically included in BQ, shall be done by contractor without any extra claim. The tenderers are advised to visit and evaluate the machine before quoting the rate | Same clause will be followed. |

1. It is confirmed that the codal life of the machine is 15 years.
2. Most of the vital items are being replaced with new one under the proposed repairs. Hence it is assessed that machine will give service for minimum half of its codal life i.e. 7.5 years or say 8 years.
3. Justification for repairs viz a viz replacement with new machine is worked out as per Annexure G mentioned under para 240 of finance code –I and enclosed as Annexure.
4. Total holding of locomotives is 201 Locos. Out of which 137 Nos. are conventional locos (i.e. WAG/7, WCAM/2, WCAM/3, WCAG/1 and WCM/6). This machine is utilized for conventional locos only but not suitable for spring testing of 64 Nos. WAG/9 type 3 phase locos.
5. The total expenditure incurred on the machine till date is Rs 49,000/-.
6. No payment was made against the last contract. As per terms of payment, payment was to be released after completion of repairs/ reconditioning of machine and after issue of final acceptance certificate. Since the firm could not complete the work of repairs and reconditioning, no payment was claimed/ released.
7. This point may be complied by HQ.

(हरि राम)

वरिष्ठ मंडल विद्युत् इंजिनियर

(क.च.स्टॉक) कल्याण

DA : As above

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| **मध्य रेल**  वरिष्ठ मंडल विद्युत अभियंता (कचस्टॉक) कार्यालय  विद्युत लोको शेड, कल्याण – ४२१ ३०१-  फोन / फैक्स:- 0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301.  Email :- srdeetrskyncrly@gmail.com |

सं०. केवायएन/आरएसटी/240/एसआई- रिहेब/2011 दिनांक: 22.10.2016

मुख्य विद्युत लोको इंजीनियर

मध्य रेल / सी एस टी एम

**(ध्यानार्थ: श्री एस० सी० चौधरी, उप मुख्य बिजली इंजीनियर/ ईएम)**

**विषय**: LOA No. L.253.AC.2012/PCB/SI UNIT dated 04/04/2014 for Repair cum

Rehabilitation of PCB cards of SI unit for AC/DC Elect. Locos -65 Sets

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79 Nos. defective PCB Cards are lying in section for repair and rehabilitation. These can be given to firm for necessary repair cum rehabilitation works as per terms and conditions of subject contract. Summary of these cards is as below

|  |  |  |
| --- | --- | --- |
| Sr. No.  of Cl.3.1  of LOA | Description | Qty |
| 1 | Optical Fiber Command Card X 101 | 05 Nos. |
| 2 | Optical Isolated Card X109 | 05 Nos. |
| 3 | Relay output Board X113 | 05 Nos. |
| 4 | Relay output Board X117 | 05 Nos. |
| 5 | IGBT Command Card X 209 | 05 Nos. |
| 6 | Analog input Card X 213 | 05 Nos. |
| 7 | Analog input Card X 217 | 05 Nos. |
| 8 | Power Supply X 232 | 05 Nos. |
| 9 | CPU Card X 223 | 04 Nos. \*\* |
| 10 | IGBT Gate driver A4U4 | 15 Nos. |
| 11 | GTO Gate driver A1U7 | 05 Nos. |
| 12 | High Voltage detection card A1HV | 05 Nos. |
| 13 | BOD Card A12 U2 | 05 Nos. |
| 14 | Software card A13 U2 | 05 Nos. |
|  | Total | **79 Nos.** |

\*\* Note : Qty of X 223 CPU card is 61 Nos. (53 + 8) up to Lifting Order No.13, hence qty required now is balance 4 Nos. for completion of 65 sets.

In view of the above, lifting order may please be issued for 79 Nos. of Cards as detailed above.

**(हेमंत जिन्दल)**

मंडल विद्युत् इंजिनियर

(क.च.स्टॉक) कल्याण

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| मध्य रेल  वरिष्ठ मंडल विद्युत अभियंता (कचस्टॉक) कार्यालय  विद्युत लोको शेड, कल्याण – ४२१ ३०१-  फोन / फैक्स:- 0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301.  Email :- srdeetrskyncrly@gmail.com |

सं०. केवायएन/आरएसटी/240/एसआई- रिहेब/2011 दिनांक: 22.09.2016

मुख्य विद्युत लोको इंजीनियर

मध्य रेल / सी एस टी एम

**(ध्यानार्थ: श्री एस० सी० चौधरी, उप मुख्य बिजली इंजीनियर/ ईएम)**

**विषय**: LOA No. L.253.AC.2012/PCB/SI UNIT dated 04/04/2014 for Repair cum

Rehabilitation of PCB cards of SI unit for AC/DC Elect. Locos -65 Sets

संदर्भ: Your letter No.L.253.AC.2012/PCB/SIUNIT dated 21-09-2016.

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As desired vide above referred letter, the para-wise remarks on the information asked are given below:

1. Details of Lifting and delivery of each lot of cards is as under:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Sr.  No. | Lot No. | No. of Cards | Date of Lifting | Delivery Challan No. & Date | Date of receipt |
| 1 | 1 | 16 | 24-05-2014 | 14134 dtd 03-12-2014-21 Nos. | 06-12-2014 |
| 2 | 2 | 06 | 17-07-2014 | 14136 dtd.03-12-2014 -01 No. | 06-12-2014 |
| 3 | 3 | 29 | 06-01-2015 | 14703 dtd 25-05-2015 | 25-05-2015 |
| 4 | 4 | 32 | 12-06-2015 | 14837 dtd 29-06-2015 | 29-06-2015 |
| 5 | 5 | 45 | 16-07-2015 | 14923 dtd 28-07-2015-44 Nos. | 29-07-2015 |
| 14926 dtd 28-07-2015- 1 No. (Beyond Repair) |
| 6 | 6 | 65 | 25-08-2015 | 15140 dtd 18-09-2015 | 18-09-2015 |
| 7 | 7 | 64 | 29-09-2015 | 15225 dtd 15-10-2015 | 16-10-2015 |
| 8 | 8 | 64 | 24-10-2015 | 15341 dtd 16-11-2015 | 16-11-2015 |
| 9 | 9 (Pt I) | 64 | 20-11-2015 | 15421 dtd 08-12-2015-37 Nos. | 09-12-2015 |
| 15453 dtd 18-12-2015-27 Nos. | 19-12-2015 |
| 10 | 9 (Pt.II) | 64 | 01-12-2015 | 15455 dtd 18-12-2015 | 19-12-2015 |
| 11 | 10 (Pt I) | 64 | 24-12-2015 | 15552 dtd 16-01-2016 | 16-01-2016 |
| 12 | 10 (Pt II) | 64 | 21-01-2016 | 15681 dtd 13-02-2016 | 13-02-2016 |
| 13 | 11 (Pt I) | 64 | 02-03-2016 | 15792 dtd 21-03-2016 | 21-03-2016 |
| 12. | 11 (Pt II) | 64 | 26-03-2016 | 15890 dtd 22-04-2016 | 22-04-2016 |
| 13. | 12 (Pt I) | 64 | 19-05-2016 | 16057 dtd 17-06-2016 | 17-06-2016 |
| 14. | 12 (Pt II) | 64 | 27-06-2016 | 16160 dtd 16-07-2016 | 16-07-2016 |
| 15. | 13 (Pt I) | 64 | 04-08-2016 | 16285 dtd 29-08-2016 | 29-08-2016 |
| 16. | 13 (Pt II) | 64 | To be spared. | |  |

1. No delay on firm’s account in delivery of materials.
2. There is no loss to Railways due to extension in completion period as asked by firm.
3. Out of 65 sets, work of 56 sets have been completed. Balance cards of 9 loco sets **(**Lifting order for 5 loco sets balance and 4 loco sets against Lifting Order No. 13 are to be spared to firm**)** are available for repair cum rehabilitation.

The extension of completion period may please be given accordingly.

(हरि राम)

वरिष्ठ मंडल विद्युत् इंजिनियर

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सं०. केवायएन/आरएसटी/240/एसआई- रिहेब/2011 दिनांक: 19.09.2016

मुख्य विद्युत लोको इंजीनियर

मध्य रेल / सी एस टी एम

**(ध्यानार्थ: श्री एस० सी० चौधरी, उप मुख्य बिजली इंजीनियर/ ईएम)**

**विषय**: Repair/ Rehabilitation of PCBs of WCAM/2 Locos

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ELS/KYN is having total population of 85 Nos. of ACEC make SI Units fitted in WCAM/2P (20 Nos.), WCAM/3 (53 Nos.) and WCAG/1 (12 Nos.) which have completed about 17 years in service. These SI units are of power electronics devices with microprocessor based control and protection systems. The control protection system includes voltage/ current sensors, printed circuit boards etc. There are 16 Nos. of PCB Cards of 14 types fitted in each SI Units.

A works contract for “Repair cum Rehabilitation of 65 sets of PCB cards of S I Units for AC/DC electric locomotives” placed on M/s Indocen Electronic System (P) Ltd, Belapur vide LOA No.L.253.AC.2012/PCB/SI Unit dtd 04-04-2014 at a total cost of ` 2,39,51,200/- is in progress. This order was placed compiling estimate of ELS KYN for 42 Nos. and estimate of ELW/BSL for 23 Nos. All 65 Nos. WCAM/3 and WCAG/1 type locomotives were covered under this contract. Out of ordered qty of 65 Nos., 52 Nos. have been completed by firm and work for balance qty. is in progress.

65 Nos. i.e. WCAM/3 (53 Nos.) and WCAG/1 (12 Nos.) are covered in above works contract. 20 Nos. WCAM/2 type locos which had been transferred from Valsad Loco Shed/ W.R. to ELS/KYN are not covered in above mentioned works contract. These locos are also provided with ACEC make SI unit and these locos are in service earlier than WCAM/3 and WCAG/1 Locos.

Due to ageing, some critical components of S I Unit such as electrolytic capacitors, reed relays and resistor of typical circuits get deteriorated, hence requires replacement. RDSO vide revised guidelines for repair/ rehabilitation of PCBs of three phase electric locomotives has promulgated the need of replacement of these components on PCBs. To avoid the failures and to increase reliability of SI Unit, it is necessary to get repairs/ rehabilitation of PCB Cards of SI Unit of WCAM/2 locos which have completed more than 17 years of service as per RDSO’s guidelines No.EL/G/2008/Rev-2, Jan 2011 for repairs/ rehabilitation of PCBs of 3 phase locomotives.

As the contract for similar work is in progress, it is proposed to extend the quantity of existing contract from 65 sets to 85 Sets which works out to be 30.77%.

Railway Board’s letter No.2007/CE-I/CT/18/Pt,XII dated 08-07-2016 (copy enclosed) states that:

1. Since there is an in-built rate reduction clause of 2% & 4% for variation between 125% and 140% & between 140% and 150% respectively on the accepted rates, it will only require the approval of an officer not below the rank of SAG, without finance concurrence subject to other conditions mentioned in Clause 42 (4).
2. However, a supplementary agreement/ addendum to original agreement should be drawn subsequent to sanction of the variation by an officer not below the rank of SAG, which needs to be vetted by finance.

It is therefore requested to extend the quantity of existing Contract No. L.253.AC.2012/PCB/SI Unit dated 04-04-2014 from 65 sets to 85 sets which is 130.77% of original quantity.

(हरि राम)

वरिष्ठ मंडल विद्युत् इंजिनियर

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सं०. ईएलएसकेवाईएन/वर्क्स/2016/14/स्प्रिंग टेस्ट मशीन दिनांक: 18.08.2016

मुख्य विद्युत लोको इंजीनियर

मध्य रेल / सी एस टी एम

**(ध्यानार्थ: श्री एस० सी० चौधरी, उप मुख्य बिजली इंजीनियर/ ईएम)**

**विषय**: Renovation, Testing and Commissioning of PEECO make “ Spring Scragging

and Load Deflection Testing Machine, Capacity – 30 Tons, 700 mm Stroke

संदर्भ: Sr.DFM/CSTM’s L.No.AC/BB/FX/I/TRS/Prop/15789 dated 05-08-2016

**\*\*\*\*\***

A works contract for “Repairs/ Reconditioning of above mentioned machine was placed on M/s Premier Tools, MIDC Bhosari, Pune at a total cost of ` 1,24,800/- vide LOA No.KYN.RS.T.239.M&P.2013 dated 17-01-2014. This contract was terminated on 31-12-2015 as the firm had failed to complete the work and EMD of ` 2,900/- and Performance Guarantee of ` 6,240/- submitted by firm was forfeited.

Above proposal was initially vetted by Sr.DFM office vide letter No.BB/AC/FX/I/TRS/ Prop dated 09-09-2009 for obtaining FA&CAO’s concurrence and AGM’s sanction in terms of item No.6.25 (a) of SOPGEN 2007. (Copy enclosed).

FA & CAO concurred the proposal vide letter No.AC/FX/1465/CEE/BB/10 dated 25-11-2010 at a total cost of Rs 1,45,000/-. (Copy enclosed). AGM’s sanction was accorded vide CEE’s Note No. L.253.AC.Misc/C dated 29-12-2010. (Copy enclosed)

The open tender for this work was finalised in 4th attempt. First two times, there was “No Response”. 3rd time, tender was discharged and in 4th time, tender was finalised and awarded but could not be materialised as detailed above. This situation was avoidable, if OEM had turned up for inspection of the machine at initial stage, who was called for the same.

Above circumstances imply that scope of work and estimation for this machine was not correctly assessed due to which, the work could not be carried out/ completed.

The machine is still in defective condition and work of testing of springs is not carried out presently as no other machine is available in the shed. This may lead to failure of loco in service & derailment of loco may also take place. Hence it is necessary to get it repaired.

Therefore after termination of subject contract, OEM viz M/s PEECO Hydraulic Private Limited was again requested for inspection of the machine. They have inspected the machine and submitted their BQ No.QG/CR-KYN/46/16 dated 10-02-2016 at a total cost of Rs 12,50,000/- They have stated that machine has to be sent to their works at own cost for necessary repairs and renovation (Copy enclosed). As the total cost quoted by them seems very high, quotation was called from local firm on the same scope of work assessed by OEM.

M/s Premier Control Systems, Koparkhairane, Navi Mumbai has submitted BQ No. PCS/1920/4 dated 09-04-2016 at a total cost of Rs 8,24,000/- which is 36% lower than OEM. (Copy enclosed). Moreover cost of new machine of same capacity and specification is ` 18,00,000/- as quoted by OEM. After proposed renovation, the machine will give service for another 8 to 10 years.

Contd..2

--2--

It is therefore proposed to carry out the work of “ Renovation, Testing and Commissioning of PEECO make Spring Scragging and Load Deflection Testing Machine Capacity 30 Tons, 700 mm Stroke at ELS Kalyan through outside agency on open tender basis.

Accordingly, a proposal and detailed estimate No. ELSKYN/WKS.2016/05 is prepared for subject work at an total cost of ` 8,24,000/- chargeable to D.No. 47000-070-443-32 based on BQ of M/s Premier Control Systems, Koparkhairane, Navi Mumbai. This was processed for obtaining divisional accounts concurrence and vetting for the said work.

Sr.DFM/CSTM vide letter No. AC/BB/FX/I/TRS/Prop/15789 dtd 05-08-2016 accorded initial vetting to the proposal of “ Renovation, Testing and Commissioning of PEECO make Spring Scragging and Load Deflection Testing Machine Capacity 30 Tons, 700 mm Stroke at ELS Kalyan” at a total cost of ` 8,24,000/-. Sr DFM/CSTM vide said letter stated that this will require concurrence of FA&CAO & sanction of AGM in terms of item No.6.25 (a) of SOPGEN-2007. Remarks on the observations made by Sr.DFM/CSTM are as follows:

1. Funds are available under sanctioned grant during the current financial year of 2016-17.
2. Rate Reasonability & Technical capability will be certified by the competent executive authority at appropriate stage of finalization of tender.
3. Normal tendering procedure will be followed.

In view of the above, it is requested to obtain FA&CAO’s concurrence and sanction of AGM to the above proposal as per Sr.DFM’s vetting letter.

(हरि राम)

वरिष्ठ मंडल विद्युत् इंजिनियर

(क.च.स्टॉक) कल्याण

DA : As above

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सं०. ईएलएसकेवाईएन/वर्क्स/टीएफपी/एलओटी/6500 दिनांक: 09.08.2016

मुख्य विद्युत लोको इंजीनियर

मध्य रेल / सी एस टी एम

**(ध्यानार्थ: श्री एस० सी० चौधरी, उप मुख्य बिजली इंजीनियर/ ईएम)**

**विषय**: Repairs, Reconditioning, Rehabilitation, Testing and Supply of 6500 KVA

Transformer type LOT 6500 for 3 phase WAG-9 type locos- 5 Locos

संदर्भ: (i) Your letter No.L.253.AC.Estt. dated 03-08-2016.

(ii) FA & CAO’s letter No.AC/FX/ELEC/2016-17 dtd 22-07-2016.

**\*\*\*\*\***

With reference to above cited letters, the para-wise remarks on the observations made by FA&CAO in connection with subject mentioned proposal are as below:

1. The warranty period for transformers is 24 months from the date of commissioning or 30 months from date of supply.

Out of total population of 64 locos, 30 Nos. are out of warranty period and 34 Nos. are under warranty. Out of these 34 Nos., warranty of 15 Nos. is expiring by the end of year 2016 and warranty of balance 19 Nos. is expiring by the end of year 2017.

1. The failures of such type of transformers in last 3 years are as below:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Sr.  No. | Defect/ Cause of failure | 2013-14 | 2014-15 | 2015-16 | 2016-17  (Apr-Jul) |
| 1 | Winding failure | 2 | 5 | 5 | 0 |

1. There are total 12 failures in last 3 years. Average failure per year comes to 4 Nos. Considering this trend of failure and maturing warranty of transformers, anticipated quantity is taken 5 Nos.
2. Yes the transformers are covered in the overhauling schedule of locos. During TOH and IOH, on line centrifuging of oil is being carried out in situ.

During POH schedule, transformer is taken out of loco. Winding is taken out of tank for maintenance, checking, testing and baking in the oven.

But winding failure of transformer is not possible to be attended departmentally due to non availability of required material, expertise/skill and infrastructure.

In view of the above FA&CAO may please be apprised to concur the proposal.

(हरि राम)

वरिष्ठ मंडल विद्युत् इंजिनियर

(क.च.स्टॉक) कल्याण

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सं०.केवायएन/आरएस/टी/240/को-को बोगी/2007 दिनांक: 03.08.2016

मुख्य विद्युत लोको इंजीनियर

मध्य रेल / सी एस टी एम

**(ध्यानार्थ: श्री एस० सी० चौधरी, उप मुख्य बिजली इंजीनियर/ ईएम)**

**विषय**: LOA No. L.253.AC.2006.Bogie dtd 21-04-2009 for the work of repair,

reconditioning and equipping brake rigging components of Co-Co Bogie

Frame of AC Locomotives.

संदर्भ: Your letter No.L.253.AC.2006.Bogie dated 21-07-2016.

**\*\*\*\*\***

With reference to above cited letter, the status of execution of subject work for ELS/KYN by M/s Anil Engineering Works, Hydrabad is as follows:

|  |  |  |  |
| --- | --- | --- | --- |
| Sr.  No. | Shed/Shop- ELS KYN | Schedule item-1 | Schedule item – 2 |
| 1 | Total qty executed | 08 | **--** |
| 2 | Total amount of payment made | ` 32,30,000/- |  |
| 3 | Amount due, if any to the contractor | Nil |  |
| 4 | Date of issue of last lot of bogies to firm | 08-08-2009 |  |
| 5 | Date of delivery of last lot of bogie | 16-11-2009 |  |

There are no warranty obligations pending against the said contract.

(अनुभव वार्ष्णेय)

मंडल विद्युत् इंजिनियर

कृते वरि० मंडल विद्युत् इंजिनियर

(क.च.स्टॉक) कल्याण

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सं०.एल/253/एसी/2009/टीएफपी/3900 दिनांक: 23.07.2016

मुख्य विद्युत लोको इंजीनियर

मध्य रेल / सी एस टी एम

**(ध्यानार्थ: श्री एस० सी० चौधरी, उप मुख्य बिजली इंजीनियर/ ईएम)**

**विषय**: LOA No. L.253.AC.2009/TFP3900 dtd 17-09-2010 for repair,

rehabilitation, testing and supply of transformer type HETT-3900,

Qty-18 Nos. (increased to 22 Nos.)

संदर्भ: Your letter No.L.253.AC.2009/TFP3900 dated 13-07-2016.

**\*\*\*\*\***

The required status of the work executed for ELS/Kalyan against subject mentioned contract is as follows:

As mentioned in above referred letter, only one transformer was pertaining to ELS/KYN. Transformer No.2005127 was lifted by firm on 20-12-2012 from ELS/KYN. Stage Inspection and Final Inspection was carried out by ELW staff at firm’s premises and the same was delivered on 05-06-2013 at ELW/BSL. A copy of letter dated 19-08-2013 addressed to WAO(ELW) BSL in connection with forwarding of bill for said transformer is available in this office (Copy enclosed). Thereafter no status of this transformer is available with this shed. Hence required confirmation of warranty obligation may please be asked from ELW/BSL.

(अनुभव वार्ष्णेय)

मंडल विद्युत् इंजिनियर

कृते वरि० मंडल विद्युत् इंजिनियर

(क.च.स्टॉक) कल्याण

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सं०. केवाईएन/आरएस/टी/240/ट्राईप्लेट/2010 दिनांक: 20.07.2016

मुख्य विद्युत लोको इंजीनियर

मध्य रेल / सी एस टी एम

**(ध्यानार्थ: श्री एस० सी० चौधरी, उप मुख्य बिजली इंजीनियर/ ईएम)**

**विषय**: LOA No. L.253.AC.2012/Triplate dt 15-04-2013 for provision of triplate

panel on electric locomotives, Qty – 130 Nos.

संदर्भ: Your letter No.L.253.AC.2012/TRIPLATE dated 05-07-2016.

**\*\*\*\*\***

As desired vide above referred letter, the current progress status of the work is as under:

* No. of Qty allotted to ELS/KYN – 27 Nos.
* Qty Executed - 26 Nos.
* Qty balance - 01 No.

It is also confirmed that :

1. The delay is on account of Railway, as locos could not be spared.
2. There is no loss to Railway due to the extension of completion period upto 31/12/2016 as asked by the contractor.

The firm M/s Jainex Limited, Mumbai vide letter No. JL/LET/16-17/JNX-9100/094 dated 15-07-2016 requested this office to nominate balance 01 loco to enable them to complete work (copy enclosed).

In this connection it is stated that in addition to balance qty of 01 No. from existing contract, provision of triplate panel is needed on 3 more additional locos at ELS Kalyan.

It is therefore requested to issue allocation/ lifting order for ELS Kalyan for provision of triplate panel on 3 additional locos, by exercising the variation in quantity against the existing contract.

(हरि राम)

वरिष्ठ मंडल विद्युत् इंजिनियर

(क.च.स्टॉक) कल्याण

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| मध्य रेल  वरिष्ठ मंडल विद्युत अभियंता (कचस्टॉक) कार्यालय  विद्युत लोको शेड, कल्याण – ४२१ ३०१-  फोन / फैक्स:- 0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301.  Email :- srdeetrskyncrly@gmail.com |

सं०. केवाईएन/आर/एस/टी/रिवेर्सेर/2011 दिनांक: 30.06.2016

मुख्य विद्युत लोको इंजीनियर

मध्य रेल / सी एस टी एम

**(ध्यानार्थ: श्री राजेश कुलहरि, उप मुख्य बिजली इंजीनियर/ ईएम)**

**विषय**: LOA No.L.253.AC.2012/J Pt.II dated 21-05-2015 for Up-gradation of

existing 1000 amp Reverser into 1500 Amp reverser in AC locomotives,

Qty – 324 Nos.

**\*\*\*\*\***

Please connect this office letter of even No. dated 01-06-2016 vide which it was requested to issue lifting order for 15 Nos. of 1000 Amp Reversers which can be given to firm for necessary up-gradation against subject mentioned contract.

As lot size of 25 Nos. or more is mentioned vide para No. 6 of LOA of said contract, available quantity of ELS/KYN i.e. 15 Nos. Reversers may please

be clubbed with Sr.DEE(TRS) BSL or CWM/ BSL’s quantity and Lifting order may be issued accordingly.

On receipt of lifting order, 15 Nos. of Reversers will be sent to BSL.

(हरि राम)

वरिष्ठ मंडल विद्युत् इंजिनियर

(क.च.स्टॉक) कल्याण

Copy to : CWM/ELW/ BSL } For information please.

: Sr.DEE (TRS) BSL }

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| मध्य रेल  वरिष्ठ मंडल विद्युत अभियंता (कचस्टॉक) कार्यालय  विद्युत लोको शेड, कल्याण – ४२१ ३०१-  फोन / फैक्स:- 0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301.  Email :- srdeetrskyncrly@gmail.com |

सं०. ईएलएसकेवाईएन/वर्क्स/टीएफपी/एलओटी/6500 दिनांक: 27.06.2016

मुख्य विद्युत लोको इंजीनियर

मध्य रेल / सी एस टी एम

**(ध्यानार्थ: श्री राजेश कुलहरि, उप मुख्य बिजली इंजीनियर/ ईएम)**

**विषय**: Repairs, Reconditioning, Rehabilitation, Testing and Supply of 6500 KVA

Transformer type LOT-6500 for 3 phase WAG-9 type Locos – 5 Nos.

संदर्भ: Sr.DFM/CSTM’s L.No.AC/BB/FX/I/TRS/Prop/14988 dated 29-05-2016

**\*\*\*\*\***

64, WAG-9, 3 phase locomotives have been inducted to Electric Loco Shed, Kalyan during last two and half years. Further 15 more locos are expected from CLW in near future. These IGBT based locomotives are provided with 6500 KVA traction transformer type LOT 6500. These transformers are having one HV winding, four traction windings, one filter winding and one auxiliary winding.

On these 3 phase locos, 2 transformers have already failed in service. Further in the year 2015, 6 Nos. transformers and in the year 2016, 01 transformer under warranty period have been got attended from OEM as these were showing failure prone indications in service. Moreover 19 Nos. Transformers are working out of warranty coverage. If any one of these fails in service it has to be got repaired from outside.

When transformer gets failed, its windings of all legs are required to be rewound. As Railway does not have in-house facility and expertise to do this work, this has to be outsourced by awarding a contract through HQ. For inclusion of quantity of Electric Loco Shed, Kalyan in HQ’s contract, a sanctioned detailed estimate is required. After generating requirement to get a failed transformer repaired and rehabilitated, a considerable time is required to complete the entire procedure i.e. preparation of estimate and proposal, concurrence of proposal, vetting and sanctioning of detailed estimate etc.

It is therefore required to plan for repair and rehabilitation of transformers in time to reduce the awaiting period of locomotive on transformer account.

Hence a proposal and detailed estimate was processed for obtaining divisional accounts concurrence and vetting for “Repairs, Reconditioning, Rehabilitation, Testing and Supply of 5 Nos. transformers against anticipated arising in future. Rates adopted in proposal are based on the LAR vide HQ’s LOA No.L.253.AC.2014.TFP/LOT 6500 dated 22-12-2014. .

Sr.DFM/CSTM vide letter No. AC/BB/FX/I/TRS/Prop/14988 dtd 29-05-2016 accorded initial vetting to the proposal of “Repairs, Reconditioning, Rehabilitation, Testing and Supply of 5 Nos. of 6500 KVA Transformer type LOT-6500 for 3 phase WAG-9 locos at a total cost of Rs 2,00,47,500/-. Sr DFM/CSTM vide said letter stated that this will require concurrence of FA&CAO & sanction of SAG in terms of item No. 1.04 of SOPGEN-2009. Remarks on the observations made by Sr.DFM/CSTM are as follows:

Contd..2

--2--

1. Funds are available under sanctioned grant during the current financial year of 2015-16.
2. Noted. No financial commitments will be made unless clear funds are made available during current financial year.
3. Normal tendering procedure will be followed.
4. Rate Reasonability & Technical capability will be certified by the competent executive authority at appropriate stage of finalization of tender.
5. Noted.
6. The rates adopted are based on LAR vide HQ’s LOA No.L.253.AC.2014.TFP/LOT 6500 dated 22-12-2014 against which the released material will be retained by the contractor.
7. Noted.
8. Noted.
9. Noted.

In view of the above, it is requested to obtain FA&CAO’s concurrence and sanction of SAG to the above proposal as per Sr.DFM’s vetting letter.

(हरि राम)

वरिष्ठ मंडल विद्युत् इंजिनियर

(क.च.स्टॉक) कल्याण

DA : Sr.DFM’s letter

: Copy of Detailed Estimate No.

ELSKYN/WKS.2016/02

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| मध्य रेल  वरिष्ठ मंडल विद्युत अभियंता (कचस्टॉक) कार्यालय  विद्युत लोको शेड, कल्याण – ४२१ ३०१-  फोन / फैक्स:- 0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301.  Email :- srdeetrskyncrly@gmail.com |

सं०. केवाईएन/आरएस/टी/240/डीबीआर/2011 दिनांक: 13.06.2016

**CELE/C.Rly**

**CSTM.**

**(Kind Attention: Sh. Rajesh Kulhari, DY. CEE/EM)**

**विषय**: LOA No.L.253.AC.2012/DBR Vol II dtd 03-12-2015 for complete repair,

Reconditioning, Testing & Supply of Dynamic Braking Resistance for AC

Locomotives.

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At present 08 Nos. defective D C type vertical DBRs (MVRF + RF) are lying shop floor. These defective DBRs may be handed over to the firm for necessary repairs and reconditioning.

The firm M/s Daulat Ram Industries, Haridwar may please be advised to lift the same from Electric Loco Shed, Kalyan against subject mentioned contract.

(अनुभव वार्ष्णेय)

मंडल विद्युत् इंजिनियर

(क.च.स्टॉक) कल्याण

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| मध्य रेल  वरिष्ठ मंडल विद्युत अभियंता (कचस्टॉक) कार्यालय  विद्युत लोको शेड, कल्याण – ४२१ ३०१-  फोन / फैक्स:- 0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301.  Email :- srdeetrskyncrly@gmail.com |

सं०. केवाईएन/आरएस/टी/240/डीबीआर/2011 दिनांक: 13.06.2016

**CELE/C.Rly**

**CSTM.**

**(Kind Attention: Sh. Rajesh Kulhari, DY. CEE/EM)**

**विषय**: LOA No.L.253.AC.2012/DBR Vol II dtd 03-12-2015 for complete repair,

Reconditioning, Testing & Supply of Dynamic Braking Resistance for AC

Locomotives.

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At present 08 Nos. defective D C type vertical DBRs (MVRF + RF) are lying shop floor. These defective DBRs may be handed over to the firm for necessary repairs and reconditioning.

The firm M/s Daulat Ram Industries, Haridwar may please be advised to lift the same from Electric Loco Shed, Kalyan against subject mentioned contract.

(अनुभव वार्ष्णेय)

मंडल विद्युत् इंजिनियर

(क.च.स्टॉक) कल्याण

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| मध्य रेल  वरिष्ठ मंडल विद्युत अभियंता (कचस्टॉक) कार्यालय  विद्युत लोको शेड, कल्याण – ४२१ ३०१-  फोन / फैक्स:- 0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301.  Email :- srdeetrskyncrly@gmail.com |

सं०. केवाईएन/आरएस/टी/240/हिटाची/2007 दिनांक: 07.06.2016

**CELE/C.Rly**

**CSTM.**

**(Kind Attention: Sh. Rajesh Kulhari, DY. CEE/EM)**

**विषय**: LOA No.L.253.AC.2010/Hitachi TM dated 06-04-2011 for Mechanical

Repair/ rehabilitation of Hitachi T M stator type HS 15250 of electric

locomotives

**संदर्भ** : CEE’s letter No.L.253.AC.2010/Hitachi TM dated 13-02-2014.

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Vide above mentioned letter, it is understood that Extended Bank Guarantee No.00760001911 dated 29-01-2014 for Rs 3,37,260/- issued by OBC, Ghaziabad submitted by M/s Kalyani Engineering Works, Ghaziabad was valid upto 07-07-2014. No further extension is available in this office.

Firm has claimed bill for 10 Nos. of stators. For passing the payment validity of above Bank Guarantee towards PBG is required.

Please convey the status of PBG against subject mentioned contract.

(हरि राम)

वरिष्ठ मंडल विद्युत् इंजिनियर

(क.च.स्टॉक) कल्याण

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| मध्य रेल  वरिष्ठ मंडल विद्युत अभियंता (कचस्टॉक) कार्यालय  विद्युत लोको शेड, कल्याण – ४२१ ३०१-  फोन / फैक्स:- 0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301.  Email :- srdeetrskyncrly@gmail.com |

सं०. ईएलएसकेवाईएन/डब्ल्यूकेएस/2015/आयएसओ दिनांक: 04.06.2016

**CEE/C.Rly**

**CSTM.**

**(Kind Attention: Sh. Rajesh Kulhari, DY. CEE/EM)**

**विषय**: ISO 9001, 14001 & 18001 Certification to ELS/ Kalyan.

**संदर्भ** : (i) CEE’s letter No.L.253.AC.Proposal dated 16-05-2016.

(ii) FA&CAO’s letter No.AC/FX/1465/CEE/HQ/16/539

dated 10-05-2016

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With reference to above letter, the para-wise remarks on the observations raised by FA&CAO are as under:

1. Pertains to HQ.
2. HQ to decide.
3. HQ to decide.
4. HQ to decide.
5. HQ to decide.

(हरि राम)

वरिष्ठ मंडल विद्युत् इंजिनियर

(क.च.स्टॉक) कल्याण

1. Working of ELS/Kalyan is different from the other sheds, as AC/DC type locos are maintained at ELS/Kalyan only. However if it is felt sufficient to adopt revised procedure of any Electric Loco Shed having above certification as per working procedure of ELS/KYN, the same will be adopted.
2. After sanctioning of proposal, consultancy & certification will be bifurcated and will be processed/ invited separately.
3. As stated in para 2 above, if the revised procedure of any certified shed will suit the requirement of ELS/Kalyan, the same can be adopted and only certification proposal will be dealt. Otherwise consultancy proposal will have to be processed.
4. The suggestion of FA&CAO regarding giving of certification contract to a single agency for all ELSs and/ or ELWs of Central Railway together, may be decided at HQ’s level.

(Hari Ram)

Sr.DEE (TRS) Kalyan

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| **मध्य रेल**  वरिष्ठ मंडल विद्युत अभियंता (कचस्टॉक) कार्यालय  विद्युत लोको शेड, कल्याण – ४२१ ३०१-  फोन / फैक्स:- 0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301.  Email :- srdeetrskyncrly@gmail.com |

No. .ELSKYN.WKS.2015.04.Loco Cleaning Date: 01.06.2016

**CELE/CSTM**

**(Kind Attention: Shri. Rajesh Kulhari, DY. CEE/EM)**

Sub: Administrative approval for works tender to be undertaken at divisional

level and approval for technical specification of the same.

“Washing, Scrubbing, Cleaning, Blowing of Electric Locomotives and

Filters of Conventional and 3 phase locomotives for a period of

2 years at ELS/KYN”.

Ref : HQ’s letter No.L.253.AC/Div-Work dated 24-05-2016.

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With reference to observations raised vide above cited letter, following remarks are offered.

The above work is framed keeping in view the basic principles of maintenance activities of electric locomotive as per RDSO Report No. RDSO/2012/EL/RM/0157 (Rev ‘0’) i.e. basic work of inspection, troubleshooting/ planning/ testing/ assembly & disassembly of equipments from locomotives will remain with shed staff. Out of these no activity will be carried out by the contractor.

The subject work is purely for cleaning of locos and its equipments for which considerable Rly’s useful manpower is engaged. For proper cleaning some of the door/ inspection panels are required to be removed. No. electrical connection will be disturbed and handled.

Cleaning of HTC & TFP compartments is covered under the activity of blowing/ vacuuming and cleaning of dust from inside of loco cab, cab equipments, corridor, compressor compartment etc. HTC & TFP compartment mainly consists of Tap Changer/ TFP, SMGR, Reverser, CTF and EPC etc which are covered in above RDSO’s report.

If cleaning of HTC & TFP compartment which is about 25% of total activity of inside cleaning of loco, are excluded from scope of work and got done by Railway staff, there will be intermingling of contractor’s staff and Rly staff which is not advisable. This activity will be carried out in major schedules only after stripping of equipments and under the supervision of Railway’s Supervisor.

In view of the above, it is once again requested to kindly accord administrative approval to carry out the subject work through works contract on open tender basis and to approve the technical specification of said work.

(Hari Ram)

Sr. DEE(TRS) Kalyan

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| **मध्य रेल**  वरिष्ठ मंडल विद्युत अभियंता (कचस्टॉक) कार्यालय  विद्युत लोको शेड, कल्याण – ४२१ ३०१-  फोन / फैक्स:- 0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301.  Email :- srdeetrskyncrly@gmail.com |

No. .ELSKYN.WKS.2015.04.Loco Cleaning Date: 01.06.2016

**CELE/CSTM**

**(Kind Attention: Shri. Rajesh Kulhari, DY. CEE/EM)**

Sub: Administrative approval for works tender to be undertaken at divisional

level and approval for technical specification of the same.

“Washing, Scrubbing, Cleaning, Blowing of Electric Locomotives and

Filters of Conventional and 3 phase locomotives for a period of

2 years at ELS/KYN”.

Ref : HQ’s letter No.L.253.AC/Div-Work dated 24-05-2016.

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With reference to observations raised vide above cited letter, following remarks are offered.

The above work is framed keeping in view the basic principles of maintenance activities of electric locomotive as per RDSO Report No. RDSO/2012/EL/RM/0157 (Rev ‘0’) i.e. basic work of inspection, troubleshooting/ planning/ testing/ assembly & disassembly of equipments from locomotives will remain with shed staff. Out of these no activity will be carried out by the contractor.

The subject work is purely for cleaning of locos and its equipments for which considerable Rly’s useful manpower is engaged. For proper cleaning some of the door/ inspection panels are required to be removed. No. electrical connection will be disturbed and handled.

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If cleaning of HTC & TFP compartment which is about 25% of total activity of inside cleaning of loco, are excluded from scope of work and got done by Railway staff, there will be intermingling of contractor’s staff and Rly staff which is not advisable. This activity will be carried out in major schedules only after stripping of equipments and under the supervision of Railway’s Supervisor.

In view of the above, it is once again requested to kindly accord administrative approval to carry out the subject work through works contract on open tender basis and to approve the technical specification of said work.

(Hari Ram)

Sr. DEE(TRS) Kalyan

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| **मध्य रेल**  वरिष्ठ मंडल विद्युत अभियंता (कचस्टॉक) कार्यालय  विद्युत लोको शेड, कल्याण – ४२१ ३०१-  फोन / फैक्स:- 0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301.  Email :- srdeetrskyncrly@gmail.com |

No. ELSKYN/WKS/2014/17/SLRepairs Date: 14.05.2016

**CELE/ CSTM**

**C.Rly.**

**(Kind Attention: Sh. Rajesh Kulhari, DY. CEE/EM)**

Sub: LOA No. L.253.AC.2013/SL dtd 08-12-2015 for Reconditioning/ rehabilitation of Smoothing Reactor (SL) of electric locos including all latest SMIs & modifications, Qty – 73 Nos.

Ref : HQ’s Lifting Order -1 vide letter No. L.253.AC.2013/SL dated 25-01-2016

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The firm have supplied 07 Nos. Smoothing Reactors duly reconditioned/ rehabilitated, lifted against above referred lifting order.

Further 06 Nos. Smoothing Reactors (SL) are lying on shop floor which requires reconditioning/ rehabilitation including RDSO’s all latest SMIs and modifications.

The firm may please be advised to lift the same from Electric Loco Shed, Kalyan.

(Hari Ram)

Sr. DEE/TRS/Kalyan

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No. . KYN.RS.T.240.SI Rehabilitation.2011 Date:12.05.2016

**CELE/CSTM**

**(Kind Attention: Shri. Rajesh Kulhari, DY. CEE/EM)**

Sub: LOA No. L.253.AC.2012/PCB/SI UNIT dated 04/04/2014 for Repair cum Rehabilitation of

PCB cards of SI unit for AC/DC Electric Locomotives.

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128 Nos. defective PCB Cards are lying on shop floor, which can be given to firm for necessary repair cum rehabilitation works as per terms and conditions of subject contract.

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| Sr. No.  of Cl.3.1  of LOA | Description | Qty |
| 1 | Optical Fiber Command Card X 101 | 08 Nos. |
| 2 | Optical Isolated Card X109 | 08 Nos. |
| 3 | Relay output Board X113 | 08 Nos. |
| 4 | Relay output Board X117 | 08 Nos. |
| 5 | IGBT Command Card X 209 | 08 Nos. |
| 6 | Analog input Card X 213 | 08 Nos. |
| 7 | Analog input Card X 217 | 08 Nos. |
| 8 | Power Supply X 232 | 08 Nos. |
| 9 | CPU Card X 223 | 08 Nos. |
| 10 | IGBT Gate driver A4U4 | 24 Nos. |
| 11 | GTO Gate driver A1U7 | 08 Nos. |
| 12 | High Voltage detection card A1HV | 08 Nos. |
| 13 | BOD Card A12 U2 | 08 Nos. |
| 14 | Software card A13 U2 | 08 Nos. |
|  | Total | **128 Nos.** |

Lifting order for 128 Nos. PCB’s cards may please be issued.

(Anubhav Varshney)

DEE/TRS/KYN

For Sr. DEE(TRS) Kalyan

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| **मध्य रेल**  वरिष्ठ मंडल विद्युत अभियंता (कचस्टॉक) कार्यालय  विद्युत लोको शेड, कल्याण – ४२१ ३०१-  फोन / फैक्स:- 0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301.  Email :- srdeetrskyncrly@gmail.com |

No. .ELSKYN.WKS.2015.04.Loco Cleaning Date: 12.05.2016

**CELE/CSTM**

**(Kind Attention: Shri. Rajesh Kulhari, DY. CEE/EM)**

Sub: Administrative approval for works tender to be undertaken at divisional

level and approval for technical specification of the same.

“Washing, Scrubbing, Cleaning, Blowing of Electric Locomotives and

Filters of Conventional and 3 phase locomotives for a period of

2 years at ELS/KYN”.

Ref : HQ’s letter No.L.253.AC/Div-Work dated 10-05-2016.

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With reference to above cited letter, technical specification for subject mentioned work is resubmitted after deleting the clause No. 6 (ii), 7, 8, 9 & 10. This is now containing only technical points/ specification for said work.

It is requested to kindly accord administrative approval to carry out the subject work through works contract on open tender basis and to approve the enclosed technical specification of said work.

Encl. : As above

(Hari Ram)

Sr. DEE(TRS) Kalyan

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| **मध्य रेल**  वरिष्ठ मंडल विद्युत अभियंता (कचस्टॉक) कार्यालय  विद्युत लोको शेड, कल्याण – ४२१ ३०१-  फोन / फैक्स:- 0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301.  Email :- srdeetrskyncrly@gmail.com |

No. KYN/RS/T/240/Hitachi.2007 Date:04.05.2016

**CELE/CSTM**

**(Kind Attention: Shri. Rajesh Kulhari, DY. CEE/EM)**

Sub: LOA No. L.253.AC.2010/HITACHI TM dated 06/04/2011 for

Mechanical repair/ rehabilitation of Hitachi traction motor stator type

HS 15250 of electric locos, Qty–80 Nos. (Increased to 100 Nos.)

Ref: HQ’s letter No.L.253.AC.2010/HITACHI TM dated 15-04-2016.

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As desired vide above referred letter, current progress status of subject mentioned contract executed by M/s Kalyani Emgoneering Works, Ghaziabad is as under:

* Completion period of extended

qty to 100 Nos. – 31-08-2015

* Date of issue of stators to firm - 01-09-2014

* Date of receipt of stators duly repaired – 02-12-2015 (vide challan No.089/15-16 dtd 28-11-15)
* Date of sending of stators to TMW - 09-12-2015 ( 6 Nos.)

NKRD for Elect. Rehab - 23-12-2015 (4 Nos.)

* Date of receipt of stators from - 20-02-2016 (4 Nos.) - 6 Nos. sent on 09-12-2015

TMW/NKRD are still at TMW/NKRD.

There is no loss to Railway on account of delay in above stators. Completion Period may be extended as per terms and conditions of contract.

(Hari Ram)

Sr. DEE/TRS/Kalyan

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| **मध्य रेल**  वरिष्ठ मंडल विद्युत अभियंता (कचस्टॉक) कार्यालय  विद्युत लोको शेड, कल्याण – ४२१ ३०१-  फोन / फैक्स:- 0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301.  Email :- srdeetrskyncrly@gmail.com |

No. KYN/RS/T/240/SI Rehab.2011 Date:04.05.2016

**CELE/CSTM**

**(Kind Attention: Shri. Rajesh Kulhari, DY. CEE/EM)**

Sub: LOA No. L.253.AC.2012/PCB/SI UNIT dated 04/04/2014 for Repair cum

Rehabilitation of PCB cards of SI unit for AC/DC Electric Locomotives.

Ref: HQ’s letter No.L.253.AC.2012/PCB/SI Unit dated 18-04-2016.

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As desired vide above referred letter, card wise status of the rehabilitation is as given below in requisite proforma:

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Sr.  No. | Card Name | Qty as per Lifting Order | Qty issued to the contra-ctor | Qty delivered by the contractor duly rehabili-tated | Balance with contractor | Balance to be issued |
| 1 | Optical Fiber Command Card X 101 | 44 Nos. | 44 Nos. | 44 Nos. | — | -- |
| 2 | Optical Isolated Card X109 | 44 Nos. | 44 Nos. | 44 Nos. | — | -- |
| 3 | Relay output Board X113 | 44 Nos. | 44 Nos. | 44 Nos. | — | -- |
| 4 | Relay output Board X117 | 44 Nos. | 44 Nos. | 44 Nos. | — | -- |
| 5 | IGBT Command Card X 209 | 44 Nos. | 44 Nos. | 44 Nos. | — | -- |
| 6 | Analog input Card X 213 | 44 Nos. | 44 Nos. | 44 Nos. | — | -- |
| 7 | Analog input Card X 217 | 44 Nos. | 44 Nos. | 44 Nos. | — | -- |
| 8 | Power Supply X 232 | 44 Nos. | 44 Nos. | 44 Nos. | — | -- |
| 9 | CPU Card X 223 | 45 Nos. | 45 Nos. | 44 Nos.  +1 No. (Beyond repair) | — | -- |
| 10 | IGBT Gate driver A4U4 | 132 Nos. | 132 Nos. | 131 Nos. | 1 No. (Warranty repair) | -- |
| 11 | GTO Gate driver A1U7 | 44 Nos. | 44 Nos. | 44 Nos. | — | -- |
| 12 | High Voltage detection card A1HV | 44 Nos. | 44 Nos. | 44 Nos. | — | -- |
| 13 | BOD Card A12 U12 | 44 Nos. | 44 Nos. | 44 Nos. | — | -- |
| 14 | Software card A13 U2 | 44 Nos. | 44 Nos. | 44 Nos. | — | -- |

(Hari Ram)

Sr. DEE(TRS) Kalyan

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| **मध्य रेल**  वरिष्ठ मंडल विद्युत अभियंता (कचस्टॉक) कार्यालय  विद्युत लोको शेड, कल्याण – ४२१ ३०१-  फोन / फैक्स:- 0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301.  Email :- srdeetrskyncrly@gmail.com |

No. KYN/RS/T/240/SI Rehab.2011 Date:04.05.2016

**CELE/CSTM**

**(Kind Attention: Shri. Rajesh Kulhari, DY. CEE/EM)**

Sub: LOA No. L.253.AC.2012/PCB/SI UNIT dated 04/04/2014 for Repair cum

Rehabilitation of PCB cards of SI unit for AC/DC Electric Locomotives.

Ref: HQ’s letter No.L.253.AC.2012/PCB/SI Unit dated 15-04-2016.

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Please connect copy of this office letter of even No. dated 05-03-2016 vide which 35 card failures were reported to the firm viz M/s Indocen Electronic Systems (Pvt) Ltd, CBD Belapur, against subject mentioned contract.

As desired vide above referred letter, it is confirmed that out of 35 failed cards, 17 failures are detected in shed during testing as detailed in Annexure ‘A’ and 18 failures as detailed in Annexure ‘B’ have been identified from the loco unusual report from line. However these failures have not resulted in any train detention or loco failure on line.

(Hari Ram)

Sr. DEE(TRS) Kalyan

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| **मध्य रेल**  वरिष्ठ मंडल विद्युत अभियंता (कचस्टॉक) कार्यालय  विद्युत लोको शेड, कल्याण – ४२१ ३०१-  फोन / फैक्स:- 0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301.  Email :- srdeetrskyncrly@gmail.com |

No. .ELSKYN.WKS.2015.15.AC Pantograph Date:26.04.2016

**CELE/CSTM**

**(Kind Attention: Shri. Rajesh Kulhari, DY. CEE/EM)**

Sub: LOA No. L.253.AC.2012/PCB/SI UNIT dated 04/04/2014 for Repair cum

Rehabilitation of PCB cards of SI unit for AC/DC Electric Locomotives.

Ref: HQ’s letter No.L.253.AC.2012/PCB/SI Unit dated 18-04-2016.

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As desired vide above referred letter, card wise status of the rehabilitation is as given below in requisite proforma:

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Sr.  No. | Card Name | Qty as per Lifting Order | Qty issued to the contra-ctor | Qty delivered by the contractor duly rehabili-tated | Balance with contra-ctor | Balance to be issued |
| 1 | Optical Fiber Command Card X 101 | 44 Nos. |  |  |  |  |
| 2 | Optical Isolated Card X109 | 44 Nos. |  |  |  |  |
| 3 | Relay output Board X113 | 44 Nos. |  |  |  |  |
| 4 | Relay output Board X117 | 44 Nos. |  |  |  |  |
| 5 | IGBT Command Card X 209 | 44 Nos. |  |  |  |  |
| 6 | Analog input Card X 213 | 44 Nos. |  |  |  |  |
| 7 | Analog input Card X 217 | 44 Nos. |  |  |  |  |
| 8 | Power Supply X 232 | 44 Nos. |  |  |  |  |
| 9 | CPU Card X 223 | 45 Nos. |  |  |  |  |
| 10 | IGBT Gate driver A4U4 | 132 Nos. |  |  |  |  |
| 11 | GTO Gate driver A1U7 | 44 Nos. |  |  |  |  |
| 12 | High Voltage detection card A1HV | 44 Nos. |  |  |  |  |
| 13 | BOD Card A12 U12 | 44 Nos. |  |  |  |  |
| 14 | Software card A13 U2 | 44 Nos. |  |  |  |  |

(Hari Ram)

Sr. DEE(TRS) Kalyan

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| **मध्य रेल**  वरिष्ठ मंडल विद्युत अभियंता (कचस्टॉक) कार्यालय  विद्युत लोको शेड, कल्याण – ४२१ ३०१-  फोन / फैक्स:- 0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301.  Email :- srdeetrskyncrly@gmail.com |

No. .ELSKYN.WKS.2015.15.AC Pantograph Date:26.04.2016

**CELE/CSTM**

**(Kind Attention: Shri. Rajesh Kulhari, DY. CEE/EM)**

Sub: Administrative approval for works tender to be undertaken at divisional

level and approval for technical specification of the same.

“Modification work for Provision of AC Pantograph (AM12 Type) in

place of existing DC Pantograph (AM18 Type)”

Ref : HQ’s letter No.L.253.AC/Div-Work dated 09-09-2014

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Electric Loco Shed, Kalyan is maintaining 53 Nos. WCAM-3 locos which are AC/DC types. Each loco has one DC Pantograph (AM18 type) and one AC Pantograph (AM 12 type).

As now Mumbai division is also having 25 KV AC OHE, the DC Pantographs (type AM18) in AC/DC locos are proposed to be replaced by AC Pantograph (type AM12) as DC Pantographs are fit to work on 45 kmph speed only in AC OHE territory as per HQ’s letter No. (Joint Procedure Order) L.574.AC.TRD. Tech Circular dated 03-10-2012.

Out of 53 locos, one loco is modified with AC Pantograph (AM12 Type) in place of existing DC Pantograph (AM18 Type) and balance 52 locos are proposed to replace the existing DC Pantograph by AC Pantograph. For replacement of DC Pantograph by AC Pantograph, modification to existing foundation will be required to be done through out side agencies as adequate men & material is not available in this shed to carry out the work departmentally.

An estimate No. ELSKYN/WKS/2015/ 15 for “Modification work for Provision of AC Pantograph (AM12 Type) in place of existing DC Pantograph (AM18 Type)” amounting to `. 28,78,200/- has been sanctioned by competent authority. (copy enclosed)

It is requested to kindly accord administrative approval to carry out the subject work through works contract on open tender basis and also to approve the technical specification of said work.

(Hari Ram)

Sr. DEE(TRS) Kalyan

DA: As above

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| **मध्य रेल**  वरिष्ठ मंडल विद्युत अभियंता (कचस्टॉक) कार्यालय  विद्युत लोको शेड, कल्याण – ४२१ ३०१-  फोन / फैक्स:- 0251- 2361293 & 2363563 | New Bitmap Image.bmp | **Central Railway**  Office of Sr. DEE (TRS),  Electric Loco Shed, Kalyan - 421 301.  Email :- srdeetrskyncrly@gmail.com |

No. .ELSKYN.WKS.2015.04.Loco Cleaning Date: 30.04.2016

**CELE/CSTM**

**(Kind Attention: Shri. Rajesh Kulhari, DY. CEE/EM)**

Sub: Administrative approval for works tender to be undertaken at divisional

level and approval for technical specification of the same.

“Washing, Scrubbing, Cleaning, Blowing of Electric Locomotives and

Filters of Conventional and 3 phase locomotives for a period of

2 years at ELS/KYN”.

Ref : HQ’s letter No.L.253.AC/AMC Policy dated 25-04-2016.

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The activity of cleaning and scrubbing of super structure of electric locos and cleaning of look out glass is being done through trade for the last 25-30 years. With the increase of holding of 3 phase locos, the increasing quantity of filters (Radiator, OCB filter, MR filter and TMB filter) and other activity of blowing and vacuuming of cab, cab equipments, HTC, HTC Compartment, Compressor compartment etc can be carried out in a time bound manner through outsourcing the same.

A proposal for above mentioned work through outside agency duly concurred by Sr.DFM/CSTM has been approved by DRM/BB vide this office note No. ELSKYN/WKS/2015/04 dated 23-10-2015 (Copy enclosed) being having activity to be contracted out in terms of Contract Labour (Regulation & Abolition) act 1970.

It is requested to kindly accord administrative approval to carry out the subject work through works contract on open tender basis and to approve the enclosed technical specification of said work.

Encl. : As above

(Hari Ram)

Sr. DEE(TRS) Kalyan