

SOUTH EASTERN RLY

**RANCHI DIVISION-S
AND T
Office of the DRM,
SER, Near Hatia RLY
Station
Ranchi, 834003
Jharkhand, India**

**Letter No: RANCHI DIVISION-S AND T / ST-RNC-
OTT-EC-20-02 / 01361890021288**

Dated: 01/07/2020

M/s METRO ENGINEERING-RANCHI

4TH FLOOR 401 PARVATI ENCLAVE

SINGH MORE LATMA ROAD

RANCHI- 834003

Jharkhand, India

Sub: Letter Of Acceptance

- Ref:**
1. Tender No. ST-RNC-OTT-EC-20-02 closing date 16-06-2020 11:00 for Rehabilitation of emergency socket for enhancement of efficiency of emergency socket in MURI-BRKA, MURI-KSX & repairing of 6 qd cables in RNC-LAD-TORI section of Ranchi Division.
 2. Your bid ID **11255111** dated **12/06/2020 20:27**

The Competent Authority has accepted your offered rates in connection with the subject work. The total cost of the work at the accepted rates works out to Rs. 6638369.74 (Rupees Sixty-Six Lakh Thirty-Eight Thousand Three Hundred And Sixty-Nine Rupees And Seventy-Four Paise Only)

A sum of Rs.136900 deposited as Earnest Money vide IREPS reference ID PE74919717071 has been retained towards initial Security Money for due and faithful fulfillment of the contract, and the balance Security Money will be recovered from the progressive bills @ 10 % of the bill amount till it reaches 5 % of the contract value in terms of clause 16(1) of GCC-2019 Part II.

You are requested to submit Performance Guarantee in the form as given in Clause 16(4) of GCC 2019 Part-II equivalent to 5% of the contract value amounting to Rs. 331918.49 (Rupees Three Lakh Thirty-One Thousand Nine Hundred And Eighteen Rupees And Forty-Nine Paise Only) within 21 days from the date of issue of Letter of Acceptance, valid up to stipulated date of completion plus 60 days so that contract agreement can be executed.

The entire work shall be completed within 12 month from the date of issue of Letter of Acceptance.

Supply of materials & inspection: : All the supply materials are to be supplied at SSE(T)/RNC's Telecom store at HATIA or as per instruction of representative of Sr DSTE/RNC and shall be inspected as mentioned in the schedule before acceptance of the same. Inspection charges shall be borne by the contractor.

Payment & penalty:: a) Payment shall be made on production of site register and measurement book subject to any condition the Railway may be entitled to under the contract. Payment shall be made on supply of materials of schedule B in good condition at Railway stores along with inspection certificate, challan, Invoice as per GST LAWS & warranty certificate etc. b) Income tax, Conservancies cess, Labour Cess, GST TDS and Other recoveries if any including royalty etc may be deducted from bill as applicable.

GST Term: : Accepted cost is inclusive of all taxes, charges, royalties, duties and GST etc.

Joint Procedure Order for Cables: : The Joint Procedure Order is for undertaking digging work in the vicinity of underground Signaling, Electrical and Telecommunication Cables. The contractors are advised to ensure strict compliance of instructions as mentioned in telecommunication circular no. 17/2013 in view of safety of cables. A suitable penalty will be imposed if cables are being damaged by contractors during execution of allotted works.

Miscellaneous:: You will have to ensure ESI registration and updation of labour data on Railway Shramikkalyan Portal as per tender conditions. Disputes, if any in connection with the work shall be dealt in according to Indian Railway Standard General Conditions of Contract-2019 with correction slips up to the date of issue of NIT. Please contact Sr DSTE/RNC immediately for further instructions to start the work on the authority of this LOA. Please sign and return this letter of acceptance along with the schedule of work as a token of acceptance within 10 days of issue of the same

Measurement book: : SSE/T/MURI and SSE/T/RNC will fillup the MB and will do the 100% measurement of the work in the respective section. ADSTE/MURI (MURI-BRKA , MURI-KSX Section) and ADSTE/RNC (RNC-LAD-TORI Section) will do 20% test check of the work.

All Other terms and conditions, as stipulated in the tender documents shall be applicable.

PAWAN KUMAR
ASTEW
Digitally Signed
[View Signature Details](#)

Awarded Quantities And Rates

Item Sno.	Item Desc	Item Code	Item Qty	Qty Unit	Unit Rate (Rs)	Escl. (%)	Advt.Value (Rs)	Bid Rate/ Unit Rate	Bid Amount (Rs)
Schedule A-Execution (Inclusive of 12% GST) (Item Directory - Not Applicable)							6019210.61	3.00 % Below	5838634.29
1	Excavation of trench in all soils including soft rocky area and clearing of roots of trees, bushes, rocks etc.,ballast and reconditioning etc., including bailing out water and disposal of extra soil including back filling with excavated earth and ramming of trenches after cable laying for the following depth and width as specified in Technical Circular No:2 of 1988 & correction slip No. S/318/1748 dt 15.03.2000 issued by CSTE/S. E. Railway. The contractor has to conduct detailed site survey of the cable route. Prepare a plan to get approval of the Railway, putting white lime powder marking before excavation of earth under supervision of railways authorised representative. Wherever several cables of different categories have to be laid in the same path, all cables with brick separation and in an order confirming to para 2.2.7		View Details			At Par	2594295.57		

	of CSTE's Technical Circular No. 2 of 1988 shall be laid, instead of separate trench in the concerned area.							
2	Excavation of trenches including clearing of roots etc. in hard /rocky areas upto a depth to be decided by Rly.Engineer at site as per site condition (min. 0.3 mtr.) and width 0.3 mtr. At the bottom. This includes laying/concreting/plastering after placing bricks longitudinally after laying of cables as per instructions of site Engineer and back filling the balance trench. All the building materials including cement will be supplied by the Contractor at his own cost at site. In case 0.8 Mtr. Depth or higher is achieved no concreting /plastering and bricks shall be required.	0	2500	Metre	263.00	At Par	657500.00	
3	Transportation including loading and /or unloading of 6 quad/Telecom PIJF cable from the stores of SSE(Tele)/RNC or SSE/TELE/MURI to the work site and laying of 6 quad/Telecom PIJF cable as per procedure and returning empty cable drums with or without left over cable to the stores of SSE(Tele)RNC or SSE/Tele/MURI. Measurement will be given on the basis of actual quantity of each of the cable l	0	62	Kilometre	18630.59	At Par	1155096.58	
4	Supply and fixing of G.I Pipe with threaded collars (for jointing pipe) of 80 mm. nominal bore specn no. IS -1239 medium grades, on bridges, culverts including supply and transportation of materials required for fixing the pipes to Drg. No. Con/SK/T/2 including drawing of cables inside the pipe with masonry works over the entire length of the bridge and at entry and exit of the bridge, drilling holes at 10 cm apart and bituminous compound to be filled - in, pipes to be clamped 2 mtr. apart on bridge/culvert for the following:- i) Quad cable/Telecom PIJF cable and bituminous compound to be filled - in, pipes to be clamped 2 mtr. apart on bridge/culvert. Note:- the G.I pipes and all other materials required for fixing to be supplied by the contractor and shall be inspected by the representative of Sr.DSTE/RNC before use.	0	100	Metre	762.17	At Par	76217.00	
5	Execution of straight through /derivation /termination joints with VF transformers on 6 quad cable using RTSF 4 thermoshrink jointing kit as per specification no. TC-77/2012 (rev. 3) with amdt. 1 & 2 or latest including provision of cable jointing pit.	0	90	Numbers	3808.84	At Par	342795.60	
6	Excavation of trench in all kinds of soils including soft rocky area and clearing of roots of trees,	0	250	Metre	745.38	At Par	186345.00	

	bushes, rocks, ballast etc., to a depth of 1 mtr. & width .3M for track /pucca road/platform crossing /levelcrossing/Culverts and any other places as advised by engineer incharge including supply , transportation and laying of DWC pipe for under ground cable protection with collers of 103 mm inner diameter and 120mm outer diameter in length 6 mtrs with couplers & sockets as per spec. No. : IS - 14930 Part-II (supply of one coupler for 6 mtrs of DWC pipe and two couplers of 30 mtrs of length free of cost) in trench and drawing of signalling/ power cables through pipe including back filling and ramming after cable laying. This includes repairing and plastering of platform/ Pucca road after cable laying. DWC pipe shall be inspected by the representative of Sr.DSTE/RNC before laying.							
7	Casting, concreting and curing of concrete foundation as per DRG NO. SK/8/6/99 of CSTE/ER with 4 Nos of foundation bolts with one nut and washer of each bolt,erection of apparatus case half size including transportation of apparatus case half size from the store of consignee to the work site.	0	84	Numbers	5975.16	At Par	501913.44	
8	Excavation of earth pit ,transportation ,placing and fixing of Earth Electrode with construction of cement enclosure as per Drg. No. CON/SK/T/9 and CON/SK/T/9A and drawal of 6 core cable from earth electrode to goomties ,relay rooms,apparatus case, cabin ,station,L.C.gate pedestals,batthey rakcs,CTRs,equipment racks,various S&T equipments,power panel,cable earth,block earth,control earth,signal screens etc. as the case may be including fixing and soldering of copper lugs at both end of the wire , this includes transportation of Earth Electrodes confirming to Drg. no. CON/SK/8/3/84 or latest and 6 core cable. This includes supply of all other materials ,painting,lettering etc.The contractor has to supply printed bound book for earth resistance test register in the format supplied by the railway. Note: Earth Electrode will be provided by Railway and ,all the materials required for the installation ,wiring ,testing and commissioning of earth electrode will have to be supplied by the contractor .the sundry materials such as charcoal ,salt,salmonise,GI wires,Eyelets,Paints,sodering materials ,copper lugs with bolts and	A008	135	Numbers	3006.79	At Par	405916.65	

	nuts ,bricks ,cement ,sand etc. and other sundry materials required for the work shall be supplied by the contractors.								
9	Fixing of 20 pair CT Boxes and termination of cable and filling of CT boxes with bitumen compound (supplied by contractor). Inspection by Representative of DRM (S&T)/RNC.	A009	5	Numbers	1002.69	At Par	5013.45		
10	Installation of Emergency socket	A010	100	Numbers	78.94	At Par	7894.00		
11	Fabrication and erection of Emergency Rail post complete with Emergency socket box made of FRP material as per Spec. No. RDSO/SPN/TC/44/2002 Ver.2 (With latest amendment) and its wiring alongside the Rly. Track at locations to be indicated by the engineer (Rail post shall be supplied by Railway and issued to the contractor for execution. Emergency Socket & Emergency socket box will be procured through separate schedule of this contract and issued to the contractor for execution). All other items shall be supplied/arranged by the contractor.	A011	68	Numbers	1267.99	At Par	86223.32		
Schedule Totals							5838634.29		
Schedule B-Supply (Inclusive of 12% GST) (Item Directory - Not Applicable)							824469.54	3.00	% Below 799735.45
1	Supply of half size apparatus case fabricated for Six pin Emergency Socket with E-type lock.(As per the drawing of S.E.Railway). Inspection by Representative of DRM (S&T)/RNC.	B001	20	Numbers	11161.32	At Par	223226.40		
2	Supply of 20 pair Cable Termination Box with cover & locking arrangement (Aluminium body). Inspection by Representative of DRM (S&T)/RNC	B002	5	Numbers	1294.10	At Par	6470.50		
3	Supply of 6 pin emergency socket as per RDSO spec no. IRS-TC-42/87 with Amendment slip 1 or latest. Make of any RDSO approved firm. Inspection by Representative of DRM (S&T)/RNC	B003	100	Numbers	334.88	At Par	33488.00		
4	Supply & transportation of Earth Electrodes to Drg. No: Con/SK/T/9. Inspection by Representative of DRM (S&T)/RNC	B004	135	Numbers	2070.88	At Par	279568.80		
5	SUPPLY OF EMERGENCY SOCKET BOX MADE OF FRP MATERIAL AS Excise Duty -- PER RDSO SPECIFICATION NO. RDSO/SPN/TC/44/2002 VERSION 2.0 WITH AMENDMENT NO.2. or latest. Inspection by the representative of DRM(S&T)/RNC	B005	68	Numbers	4142.88	At Par	281715.84		
Schedule Totals							799735.45		
Total Value							6843680.15		6638369.74
							Rebate on Total Value (%)		0.00
							Net Bid Value		6638369.74

Item Breakup

Schedule		A-Execution (Inclusive of 12% GST)				
Item - 1		Excavation of trench in all soils including soft rocky area and clearing of roots of trees, bushes, rocks etc., ballast and reconditioning etc., including bailing out water and disposal of extra soil including back filling with excavated earth and ramming of trenches after cable laying for the following depth and width as specified in Technical Circular No:2 of 1988 & correction slip No. S/318/1748 dt 15.03.2000 issued by CSTE/S. E. Railway. The contractor has to conduct detailed site survey of the cable route. Prepare a plan to get approval of the Railway, putting white lime powder marking before excavation of earth under supervision of railways authorised representative. Wherever several cables of different categories have to be laid in the same path, all cables with brick separation and in an order confirming to para 2.2.7 of CSTE's Technical Circular No. 2 of 1988 shall be laid, instead of separate trench in the concerned area.				
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	1.2 Mtr. Depth and 0.3 Mtr. Width	Kilometre	48	47744.12	2291717.76
2	2	1.0 Mtr. Depth and 0.3 Mtr. width	Kilometre	5	44663.47	223317.35
3	3	0.8 Mtr. Depth and 0.3 Mtr. width	Kilometre	2	39630.23	79260.46
					Total	2594295.57