

MILITARY ENGINEER SERVICES

**NAME OF WORK : REPAIR/ MAINT TO ALL TYPE OF STEEL FURNITURE ITEMS OF OTM
ACCN OF ALL UNITS UNDER GE (CENTRAL) PUNE**

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(SIGNATURE OF CONTRACTOR)

DATE

 AGE (Contracts)
for Accepting Officer

Tele: 2035

Tele FAX : -

E-mail at cpun4-mes@nic.in

e-procure

Garrison Engineer Ka Karyalaya (M)

Garrison Engineer's Office (Central)

Arjun Marg, Pune-01

Pune-411 001

8511/ /E8

Sep 2024

Shri/S'shri _____

NAME OF WORK : REPAIR/ MAINT TO ALL TYPE OF STEEL FURNITURE ITEMS OF OTM ACCN OF ALL UNITS UNDER GE (CENTRAL) PUNE.

Dear Sir (s)

1. Tender documents in respect of above work are uploaded on the site www.defproc.gov.in. The tender is on single stage two covers e-tendering system. The contents of Cover I & Cover II are specified in NOTICE OF TENDER.

2. Bids will be received online by the ACCEPTING OFFICER upto the date and time mentioned in the NOTICE INVITING TENDER (NIT). No tender/bid will be received in physical form and any tender/bid received in such manner will be treated as non bonafide tender/bid.

3. Bid will be opened on due date and time fixed for opening in the presence of tenderers/bidders or their authorised representatives, who have uploaded their quotation bid and who wish to be present at the time of opening the bids.

4. Your attention is also drawn to instruction on filling and submission of tender attached herewith. You may forward your points on tender documents and/or depute your technical representative for discussion on tender drawings and to clarify doubts, if any, on or before date mentioned in the Critical dates mentioned on website. You are requested not to write piecemeal points and forward your points duly consolidated well before due date viz. bid submission start date.

5. Unenlisted contractors are required to submit the scanned copies (in pdf file) of documents required as per eligibility criteria mentioned in instructions for filling the tender documents and Appendix 'A' to NIT along with EARNEST MONEY DEPOSIT (EMD) and tender fee on e-procurement portal and submit the physical documents in the office of GE (Central) Pune within time limit specified in NIT. Inadequacy/deficiency of documents shall make the bid liable for rejection resulting in disqualification for opening of finance bid.

6. Contractor having not executed standing security bond and standing security deposit in any MES formation shall upload scanned copy of EARNEST MONEY DEPOSIT (EMD) mentioned in Notice of Tender and shall ensure receipt of hard copy of EMD in the office of tender issuing authority **(GE (Central) Pune)** before date & time fixed for this purpose. In case of failure to abide by any of these two requirements, **the finance bid will not be opened.**

7. The successful contractor shall deliver to the Accepting Officer a Performance Security in any of the forms given below for an amount equivalent to **5% (Five Percent)** of the contract sum immediately after acceptance of tender but not later than 28 days from the acceptance of tender.

(a) A Bank Guarantee in the prescribed form.

(b) Government Securities, FDR or any other Government Instruments stipulated by the Accepting Officer.

Contd

- (c) **The defect liability period for the subject work shall be Twelve Calender Month (12 Month) from the date after the work have been handed over to the Government.**

8. If the successful un enlisted contractor fails to comply with the requirements of para 7 here-in-before shall constitute sufficient grounds for cancellation of the award of work and forfeiture of the earnest money.

9. Enlisted contractors of MES shall submit the scanned copies (pdf file) of enlistment letter, tender fee and such other documents as mentioned in Appx 'A' to NIT on e- procurement portal and submit physical documents in the office of GE (Central) Pune before date & time fixed for this purpose.

10. The contractor must ensure that the tender/bid on the proper form is uploaded in time as the Accepting Officer will take no cognizance of any quotations/offer received in any other electronic or physical form like email/fax/by hand through post from tenderer/bidder even if they are received in time.

11. In view of delays due to system failure or other communication related failures, it is suggested that the tender/bid be uploaded, if necessary, sufficiently in advance of the last due date and time fixed.

12. General Conditions of Contracts (IAFW-2249) (1989 Print) and errata and amendments thereto, Schedule of minimum fair wages and MES SSR (Part -I and Part -II) are not enclosed with these documents. These are available for perusal in this office.

13. **ANY TENDERER, WHICH PROPOSES ALTERATIONS TO ANY OF THE CONDITION, SPECIFICATIONS LAID DOWN IN THE TENDER DOCUMENTS OR ANY NEW CONDITION, WHATSOEVER, IS LIABLE TO BE REJECTED.**

CERTIFICATE

I/ we hereby understand and accept that if I/ we withdraw or modify my/ our bids during the period of validity, or if I/ we are awarded the contracts and on being called upon to submit the Performance Security/ Security Deposit, fail to submit the Performance Security / Security Deposit before the deadline define in the request for bid documents/ Notice inviting Tender, I /We shall be debarred from exemption of submitting Bid Security/ Earnest Money Deposit for a period of 6 (six) months, from the date I/we are declared disqualified from exemption from submission of Earnest Money Deposit/ Security Deposit, for all tenders issued by MES during this period.

I/ we hereby confirmed that there are no outstanding recoveries against my/ our firm and I /we do not intend to abandon the work after entertaining the relief

Dated :

SIGNATURE OF CONTRACTOR

Place :

Yours faithfully

SIGNATURE OF CONTRACTOR
DATED

AE (QS&C)
AGE (Contracts)
For Garrison Engineer

INSTRUCTIONS ON FILLING AND SUBMISSION OF TENDER**1. EARNEST MONEY DEPOSIT (EMD)**

Contractor(s) who are not enlisted with MES/who are enlisted but have not executed the Standing Security Bond shall submit Earnest Money Deposit as detailed in Notice of Tender in one of the following forms, along with their tender/bid: -

- (a) Deposit at Call Receipt from a Scheduled Bank in favour of Garrison Engineer (Central) Pune.
- (b) Receipted Treasury Challan, the amount being credited to the Revenue Deposit of Garrison Engineer (Central) Pune. It is advisable that Earnest Money is deposited in the form of deposit call receipt from an approved Schedule Bank for easy refund. In case the tenderer/bidder wants to lodge 'EARNEST MONEY DEPOSIT' in any other form allowed by MES, a confirmation about its acceptability will be obtained from the Accepting Officer well in advance of the bid submission end date and time. Earnest Money Deposit shall be submitted in the name of GE (Central) Pune.

NOTES: Earnest Money Deposit (EMD) in the form of Cheque/Bank Guarantee etc. will not be accepted. NON-SUBMISSION OF EARNEST MONEY DEPOSIT (EMD) (scanned copy along with Technical Bid & hard copy before the date & time fixed for opening of BOQ) **WILL RENDER THE BID DISQUALIFIED FOR OPENING OF COVER II (FINANCE BID).**

2. PERFORMANCE SECURITY

2.1 The successful contractor shall deliver to the Accepting Officer a Performance Security in any of the forms given below for an amount equivalent to **5% (Five Percent)** of the contract sum immediately after acceptance of tender but not later than 28 days from the acceptance of tender.

- (a) A Bank Guarantee in the prescribed form.
- (b) Government Securities, FDR or any other Government Instruments stipulated by the Accepting Officer

2.2. If the performance security is provided by the successful Contractor in the form of a Bank Guarantee, it shall be issued by Nationalized/Scheduled Indian Bank but its confirmation shall be done only from the Head Office of the Bank.

2.3 Failure of the successful contractor to comply with the requirements of sub-clause 2.1 here-in-above shall constitute sufficient grounds for cancellation of the award of work and forfeiture of the Earnest Money. In case of MES enlisted contractor, amount equal to the Earnest Money stipulated in the Notice Inviting Tender, shall be notified to the tenderer for depositing the amount through MRO. Issue of tender to such tenderers shall remain suspended till the aforesaid amount equal to the Earnest Money is deposited in Government Treasury.

2.4 All compensation or other sums of money payable by the contractor to the Government under the terms of this contract or under any other contract with Government may be deducted from, or paid by the sale of a sufficient part the Performance Security or from the interest arising there from or from any sums which may be due or become due to the contractor by the Government on any account whatsoever and in the event of his Performance Security being reduced by reason of any such deduction, or sale as aforesaid, the contractor shall within ten days thereafter make good in cash or securities endorsed as aforesaid, any sum or sums which may have been deducted from or realized by the sale of his Performance Security or any part thereof. Government shall not be responsible for any loss of securities or any depreciation in the value of securities while in their charge nor for loss of interest thereon.

2.5 In the event of contract being cancelled, under condition 52, 53 & 54 of General Conditions of Contract, the Performance Security shall be forfeited in full and shall be credited into consolidated fund of India.

INSTRUCTIONS ON FILLING AND SUBMISSION OF TENDER(Contd../-)**3. GENERAL INSTRUCTIONS FOR COMPLIANCE**

3.1 The bids received only in the electronic form will be considered. All bids shall be submitted on www.defproc.gov.in portal. Documents should be scanned and forwarded in pdf' form and xls' form as indicated.

3.2 Bids shall be uploaded on www.defproc.gov.in portal on or before the bid closing date mentioned in the tender. No tender/bid in any other electronic or physical form like email /fax/ by hand/through post will be considered.

3.3 Bid should be DIGITALLY signed using valid DSC. All pages of tender documents, corrections/ alterations shall be signed/ initialled by the lowest bidder after acceptance.

3.4 Drawings, if issued in physical form, must be returned duly initialled by the tenderer/bidder in separate envelope indicating his name and address.

3.5 The tender shall be signed, dated and witnessed at all places provided for in the documents after acceptance. All corrections shall be initialled. The Contractor shall initial every page of tender and shall sign all drawings forming part of the tender. Any tender/bid, which proposes alterations to any of the conditions whatsoever, is liable to be rejected.

3.6 In the technical bid, a scanned copy of Power of Attorney in favour of the person uploading the bid using his/her DSC shall be uploaded. In case the digital signatory himself is the sole proprietor, scanned copy of an affidavit on stamp paper of appropriate value to this effect stating that he has authority to bind the firm in all matters pertaining to contract including the Arbitration Clause, shall be attached in pdf' form. In case of partnership concern or a limited company, digital signatory of the bid/tender shall ensure that he is competent to bind the contractor (through partnership deed, general power of attorney or Memorandum and Articles of Association of the Company) in all the matters pertaining to the contracts with Union of India including arbitration clause. A scanned copy of the documents confirming of such authority shall be attached with the tender/bid in pdf' form, if not submitted earlier. The person uploading the bid on behalf of another partner(s) or on behalf of a firm or company using his DSC shall upload with the tender/bid a scanned copy (in pdf' form) of Power of Attorney duly executed in his favour by such other or all of the Partner(s) or in accordance with constitution of the company in case of company, stating that he has authority to bind such other person of the firm or the Company, as the case may be, in all matters pertaining to the contract including the Arbitration Clause.

3.7 Even in case of Firms or Companies which have already given Power of Attorney to an individual authorizing him to sign tender in pursuance of which bids are being uploaded by such person as a routine, fresh Power of Attorney duly executed in his favour stating specifically that the said person has authority to bind such partners of the Firm, or the Company as the case may be, including the condition relating to Arbitration Clause, should be uploaded in pdf' form with the tender/bid; unless such authority has already been given to him by the Firm or the Company. It shall be ensured that power of attorney shall be executed in accordance with the constitution of the company as laid down in its Memorandum & Article of Association.

3.8 Hard copies of all above documents should be sent by the contractor to the Tender issuing authority (GE (Central) Pune) well in advance to be received before the date & time fixed for the same.

3.9 Bid (Cover 1 & 2) shall be uploaded online well in time.

3.10 The contractor shall employ Indian Nationals after verifying their antecedents and loyalty. Attention is also drawn to special condition 3 referred hereinafter and also conditions 24 & 25 of **IAFW 2249 (General conditions of contract)**.

INSTRUCTIONS ON FILLING AND SUBMISSION OF TENDER(Contd../-)

3.11 Tenderers/bidders who uploaded their priced tenders/bids and are desirous of being present at the time of opening of the tenders/bids, may do so at the appointed time.

3.12 The tenderer/bidder shall quote his rate on the BOQ file only. No alteration to the format will be accepted, else the bid will be disqualified and summarily rejected.

3.13 In case the tenderer/bidder has to revise/ modify the rates quoted in the BOQ (excel sheet) he can do so only in the BOQ, through www.defproc.gov.in site only before the bid closing time and date.

3.14 In case revised BOQ is uploaded by the department, tenderer /bidder has to quote in revised BOQ only. The uploading quotation in pre-revised BOQ shall be considered as a willful negligence by the bidder and his quotation shall be considered non-bonafide.

Note :- The contractor shall ensure compliance of the EPF & MP Act 1952 by the Sub contractor, if any engaged by the contractor for the said work in terms of conditions of tender/contract.

4. REVOCATION/ REVISION OF OFFER UPWARD / OFFERING VOLUNTARY REDUCTION, AFTER OPENING OF FINANCIAL BIDS, BY LOWEST BIDDER

In the event of lowest tenderer/bidder revoking his offer or revising his rates upward, offering voluntary reduction, after closing of bid submission date & time, his offer will be treated as revoked and the Earnest Money deposited by him shall be forfeited. In case of MES enlisted Contractors, the amount equal to the Earnest Money stipulated in the Notice of tender, shall be notified to the tenderer/bidder for depositing the amount through MRO. Bids of such Contractors/bidders shall not be opened till the aforesaid amount equal to the earnest money is deposited by him in Govt Treasury. In addition, bids of such tenderer/bidder and his related firm shall not be opened in second call or subsequent calls. Reduction offered by the tenderer/bidder on the freak high rates referred for review shall not be treated as voluntary reduction.

5. CPM (Critical Path Method)

5.1 The project planning for work covered in the scope of tender is based on CPM.

5.2 The tenderer/bidder is expected to be fully conversant with the CPM technique and employ technical staff who can use the technique in sufficient details. Sufficient books and other literature on the subject are widely available in the market which the tenderer /bidder may make use of.

5.3 The tenderer's/bidder's attention is drawn to special condition of the tender regarding preparation of the detailed network analysis and time schedule for the work and his liability for employing sufficient resources to adhere to this schedule. Any inability on the part of the tenderer/bidder in using the technique will be taken as his technical inefficiency and will affect his class of enlistment and future prospect/invitation to tenders for future works.

5.4 Department may issue amendments/errata in form of CORRIGENDUM to tender /revised BOQ to the tender documents. The tenderer/bidder is requested to read the tender documents in conjunction with all the errata/ amendments/corrigendum, if any, issued by the department.

6. These instructions shall form part of the contract documents.

SIGNATURE OF CONTRACTOR

Dated:

AE (QS&C)
AGE (Contracts)
FOR ACCEPTING OFFICER

MILITARY ENGINEER SERVICES
NOTICE INVITING TENDER (NIT)

1. A tender is invited for the work as mentioned in Appendix 'A' to this NOTICE INVITING TENDER (NIT)
2. The work is estimated to cost as indicated in aforesaid Appendix 'A'. This estimate, however, is not a guarantee and is merely given as a rough guide and if the work cost more or less, a tenderer/bidder will have no claim on that account. The tender shall be based on as mentioned in aforesaid Appendix 'A'.
3. The work is to be completed within the period as indicated in aforesaid Appendix 'A' in accordance with the phasing, if any, indicated in the tender from the date of handing over site, which will be on or about two weeks after the date of Acceptance of tender.
4. Normally contractors whose names are on the MES approved list for the area in which the work lies, and within whose financial category the estimated amount would fall, may tender/bid but in case of term contracts, contractors of categories SS to E may tender/bid. In case, where the tender amount is in excess of the financial limit of the contractor and the Accepting officer decides to accept the tender/bid, in which event the tenderer/bidder would be required to lodge additional security deposit as notified by the Accepting Officer in term of conditions of contract. Contractors whose names are on the MES approved list of any MES Formation and who have deposited standing security and have executed standing security bond may also tender/bid without depositing Earnest money along with the tender/bid and if the tender/bid submitted by such a tenderer/bidder is accepted, the contractor will be required to lodge with the Controller of Defence Accounts concerned the amount of Individual security deposit within thirty days of the receipt by him of notification of acceptance of his tender/bid, failing which this sum will be recovered from the first RAR payment or from the first final bill. In the case of term/running contracts, remaining sum shall be recovered from subsequent bill(s) of the contractor. Not more than one tender/bid shall be submitted/uploaded by one contractor or one firm of contractors. Under no circumstances will a father and his son(s) or other close relations who have business dealing with one another be allowed to tender/bid for the same contract as separate competitors. A breach of this condition will render the tenders/bids of both the parties liable for rejection.
5. The Office of GE (Central) Pune will be the Accepting Officer here in after referred to as such for purpose of the contract.
6. The Technical Bid and Financial Bid (Cover-1 and Cover-2) shall be uploaded by the tenderer/bidder on or before the date & time mentioned in NIT. A scanned copy of DD with enlistment details/documents shall be uploaded as packet 1/cover-1 ('T' bid) of the tender/bid on e-tendering portal. DD is refundable in case T bid is not accepted resulting in non-opening of 'Q' bid. The applicant contractor shall bear the cost of bank charges for procuring and encashing the DD and shall not have any claim from Government whatsoever on this account.
 - 6.1 Tender form and conditions of contract and other necessary documents shall be available on www.defproc.gov.in site for download and shall form part of contract agreement in case the tender/bid is accepted.
 - 6.2 In Case of contractor who has not executed the Standing Security Bond, the Cover-I shall be accompanied with by Earnest Money of amount as mentioned in Appendix 'A' in the form of deposit at call receipt in favour of GE (Central) Pune (see Appendix 'A') by a scheduled Bank or in receipted treasury Challan the amount being credited to the revenue deposit of the GE(Central) Pune (see Appendix 'A').

Condt.....

MILITARY ENGINEER SERVICES
NOTICE INVITING TENDER (NIT) (Contd.../-)

6.3 A contractor who is not enlisted for the area in which the work lies but whose name is in the MES approved list of any MES formation and who has deposited standing security and executed standing security Bond may bid without depositing earnest money along with the tender; but if the Accepting officer accepts the tender, the contractor shall deliver to the Accepting officer a performance security in any of the forms given below for an amount equivalent to **5% (Five percent)** of the contract sum:-

- (a) A Bank Guarantee in the prescribed form.
- (b) Government Securities, FDR or any other Government Instruments stipulated by the Accepting Officer.

6.4 If the performance security is provided by the successful Contractor in the form of a Bank Guarantee, it shall be issued by Nationalized/Scheduled Indian Bank but its confirmation shall be done only from the Head Office of the Bank.

6.5 Failure of the successful contractor to comply with the requirements of sub-clause 6.3 shall constitute sufficient grounds for cancellation of the award of work and forfeiture of the Earnest Money. In case of MES enlisted contractor, amount equal to the Earnest Money stipulated in the Notice Inviting Tender, shall be notified to the tenderer for depositing the amount through MRO. Issue of tender to such tenderers shall remain suspended till the aforesaid amount equal to the Earnest Money is deposited in Government Treasury.

6.6 The GE will return the Earnest Money wherever applicable to all unsuccessful tenderers/bidders by endorsing an authority on the deposit-at-call receipt for its refund, on production by the tenderer, bidder a certificate of the Accepting Officer that a bonafide tender/bid was received and all documents were returned.

6.7 Copies of the drawings and other document pertaining to the work signed for the purpose of identification by the Accepting Officer or his accredited representative, sample of materials and stores to be supplied by the contractor will also be available for inspection by the tenderer/bidder at the office of Accepting Officer during working hours.

7. The tenderers /bidders are advised to visit the site of work by making prior appointment with GE who is also the Executing Agency of the work (see appendix 'A'). The tenderers/bidders are deemed to have full knowledge of all relevant documents, samples, site etc., whether they have inspected them or not

8. Any tender/bid which proposes any alteration to any of the conditions laid down or which proposes any other condition or prescription whatsoever, is liable to be rejected.

9. The uploading of bid implies that bidder has read this notice and the Conditions of Contract and has made himself aware of the scope and specification of work to be done and of the conditions and rates at which stores, tools and plants etc. will be issued to him and local conditions and other factors having bearing on the execution of the work.

10. Tenderers/bidders must be in possession of a copy of the MES Standard Schedule of Rates (see appendix 'A') including amendments and errata thereto.

Condt.....

MILITARY ENGINEER SERVICES
NOTICE INVITING TENDER (NIT) (Contd.../-)

11. Invitation for e- tender does not constitute any guarantee for validation of T' bid and subsequent opening of finance bid of any applicant/bidder, even of enlisted contractors of appropriate class, merely by virtue of enclosing DD. Accepting Officer reserves the right to reject the T' bid and not open the finance bid of any applicant/bidder. T' bid validation shall be decided by the Accepting Officer based on, inter alia, capability of the firm as per criteria given in Appx A' to this NIT. The applicant contractor/bidder will be informed regarding non- validation of his T' bid assigning reasons thereof through the www.defproc.gov.in website. The applicant contractor/bidder if he so desires may appeal to the next higher Engineer authority viz. HQ CWE Pune on email id cwepuneone@gmail.com with copy to the Accepting Officer on email id gecentralpune@gmail.com before the scheduled date of opening of Finance Bid. The decision of the Next Higher Engineer Authority (NHEA) shall be final and binding. The contractor/bidder shall not be entitled for any compensation whatsoever for rejection of his bid.
12. The Accepting Office reserves the right to accept a tender submitted by a Public Undertaking/ Small & Medium Enterprises (SMEs), giving a price preference/ purchase preference over other tender(s)/bids which may be lower, as are admissible under the Government Policy. No claim for any compensation or otherwise shall be admissible for such tenderer/ bidder whose tender/ bid is rejected.
13. Accepting Officer does not bind himself to accept the lowest or any tender/bid or to give any reason for not doing so.
14. This Notice Inviting Tender (NIT) including Appendix 'A' shall form part of the contract.

Signature of Contractor
Date:

AGE (Contracts)
for Accepting Officer

APPENDIX 'A' TO NOTICE INVITING TENDER (NIT)

1	Name of work	REPAIR/ MAINT TO ALL TYPE OF STEEL FURNITURE ITEMS OF OTM ACCN OF ALL UNITS UNDER GE (CENTRAL) PUNE
2	Estimated Cost	Rs 15.00 Lakhs (At par Mayket)
3	Period of completion	180 days
4	Cost of tender documents	Rs 500/- in the shape of DD/Bankers cheque from any schedule Bank in favour of Garrison Engineer (Central) Pune and payable at Pune. Note: (In case of retendering the contractor who had quoted in the previous call is not required to submit the cost of tender)
5	Website/portal address	www.defproc.gov.in and www.mes.gov.in
6	Type of contract	The tender shall be based on IAFW-1779A and GCC (IAFW-2249) with Schedule 'A' (List of items of work) to be priced by tenderer. The tenderes are required to quote their rates against items of Schedule 'A'
7	Information & Details :	
	(a) Bid submission start date	Refers critical dates on web site
	(b) Last date of bid submission	
	(c) Date of bid opening	
8	Eligibility Criteria	
	(A) For MES	Contractors shall be enlisted with MES in class 'E' and above and category d (i) Subject to satisfactory remarks wrt performance in respect of works in hand as reflected in work load return (WLR) or any other report circulated by competent engineer authority.
	(B) For contractors	(i) Contractor not enlisted with MES should meet the enlistment of 'E' Class & 'd (i) category contractor with regard to satisfactorily completion of requisite value works with Central/State Government/ Central/ PSUs/ AWHO/ AFNHB/ CGEWHO/DGMAP, annual turnover, bank solvency, working capital and other requirements given in Para 1.4 & 1.5 of Section 1 of MES Manual of contracts 2020 enclosed as annexure 'A' (b) Not carrying adverse remarks in Work Load Report (WLR) or any other similar report circulated by any competent authority, if already working in MES. (c) Not suspended/ debarred/blacklisted (either permanently or temporarily) from participating in any bid or for business dealings by any Central/ State Government Department or any Central/ State Government or any LocalBody as on the bid submission end date.
	(C) For All Contractors	Contractor will not be allowed to execute the work by subletting or through power of attorney holder on his behalf to a third party/another firm except sons/daughters of proprietor/ partner/Director and firm's own employees, Director, project Manager, This shall be subject to certain condition which will be prescribed in the NOT forming part of the tender documents.
9	Tender issuing and Accepting Officer	Name: Shri Guguloth Bhavsingh, IDSE Address: Garrison Engineer (Central) Pune, Arjun Marg, Pune-411001, Contact Details (Ph No Email id: cpun4-mes@nic.in
10	Executing agency	Garrison Engineer (Central) Pune
11	Earnest Money	Rs 30,000.00 in favour of GE (Central) Pune

(a) In case after opening of cover 1, if the number of MES enlisted contractors of eligible class as well as eligible unlisted contractor, if any fulfilling the other eligibility criteria given in NIT is less than 7 (Seven) applications in respect of MES contractors of one class or two classes (in case of remote and difficult areas to be decided as per list circulated by CE Command/ADG) below the eligible class shall also to considered subject to fulfillment of other eligibility criteria given in the NIT.

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Therefore MES contractor's one class below (two classes below in case of remote and difficult areas) may also bid for this tender. **Such Contractors (contractors of one/two classes below the eligible class) shall not be considered in case their present residual work in hand is more than FIVETIMES their present tendering limit. However in case such contractors fulfill the criteria of upgradation to the stipulated eligible class based on past experience of completed works (Individual work experience and/or average annual turnover, as applicable) and financial soundness (solvency/financial soundness and working capital) the ceiling of present residual work will not apply and they will be considered for issue of tender. Such bidders shall upload in their Cover-I bid details related to residual work in hand showing names of works, names of Accepting Officers, Contract amounts, dates of commencement and completion (stipulated) and progress as on bid submission date. Such contractors, if claim to fulfill the criteria of upgradation shall also upload the requisite information/documents in support of upgradation. These details shall be verified by the Tender Issuing Authority from concerned formations in case bids of such contractors are considered for evaluation.**

(b) In case after opening of Cover1, the number of MES enlisted contractors of eligible class as well as un-enlisted contractors, if any, fulfilling the other eligibility criteria given in NIT, are 7 (Seven) or more, applications of only those one class below the eligible class bidders shall be considered, who have previously completed similar works satisfactorily and are meeting the criteria of upgradation in respect of past experience of completed works (individual work experience and /or average annual turnover as applicable) financial soundness (solvency/financial soundness and working capital) as per details given in Manual on Contracts. Therefore such contractors shall upload the requisite information/documents in the Cover-1.

(c) Unlisted contractor shall be considered provided he meets the criteria. Foreign firms shall not be eligible for this tender. However Indian firms having foreign national /Indian nationals staying abroad/Indian national having taken foreign citizenship, as director (s) shall be considered subject to security clearance from the concerned authorities.

(d) Contractors enlisted with MES will upload following documents in cover 1 for checking eligibility :-
 (i) Application for tender on Firm's letterhead.
 (ii) Enlistment letter issued by the Registering Authority duly renewed for the cycle period in vogue.
 (iii) Scanned copy of DD/Bankers Cheque toward cost of tender and EMD instrument in case SSD bond is not signed at the time of registration.
 (iv) Any other documents required as described in this Appendix.

(e) Contractors not enlisted with MES will be required to upload following documents in Cover 1 for checking eligibility.
 (i) Application for tender on Firm's letterhead.
 (ii) Scanned copy of DD/Bankers Cheque toward cost of tender and Earnest Money Deposit (EMD) instrument.
 (iii) Copy of police verification Report/Police Clearance Certificate/Character Certificate from the police Authority of the area where the registered office of the firm is located/notarized copy of valid passport of Proprietor/each Partner/each Director.
 (iv) All documents required for enlistment in MES for the class mentioned in Para 8(b) above as per 1.5 of Section 1 of MES Manual on Contracts 2020.
 (v) Details of works being executed in MES, if any.
 (vi) Any other document required as described in this Appendix.

(f) Tenders not accompanied by scanned copies of requisite DD/Bankers Cheque towards cost of tender and earnest money (as Applicable) in cover 1 shall not be considered for validation of 'T' bid and their Financial Bids will not be opened.

(g) Contractors should ensure that their original physical DDs and Earnest Money Deposit (EMD) instruments (as applicable) reach the office of Accepting Officer within 5 days of bid submission end date failing which following action shall be taken.

(i) In case of tender from an enlisted contractor of MES where scanned copies of requisite DD/Bankers Cheque towards cost of tender has been uploaded in cover 1 but physical copies are not received within the stipulated period, their financial bids (Cover 2) will be opened. However non submission of physical copies of cost of tender shall be considered as willful negligence of the tenderer with ulterior motives and such tenderer shall be banned from bidding for a period of six months commencing from the date of opening of Financial Bid (Cover2).

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- (ii) In case of tenders from unenlisted contractor, where scanned copies of requisite DD/ Bankers Cheque towards cost of tender have been uploaded in cover 1 but physical copies are not received within the stipulated period their financial bids (Cover 2) will not be opened. Name of such contractors along with complete address shall be circulated for not opening of their bids for a period of six months commencing from the date of opening of financial Bid (Cover 2)
- (iii) In case of tenders from enlisted and unenlisted contractors, where scanned copies of instruments for Earnest Money Deposit (as applicable) have been uploaded in cover 1 but the same are not received in physical form within stipulated period, such tenders shall not qualify for opening of financial bid (Cover 2)
- (h) Contractor will not be allowed to execute the work by subletting or through power of attorney to a third party/ another firm on his behalf. However a contractor can execute the work through power of attorney to sons/ daughters/ spouse of Proprietor/ Partner/ Director and firm's own employees, director, project manager **provided they are not having a separate enlisted firm in MES in their name as Proprietor/ Partner/ Director.**
- (j) After opening of cover 1 and during its technical evaluation in case any deficiency is noticed in the documents required to be uploaded by the tenders as per NIT, a communication in the form of e-mail/ SMS/Speed Post etc shall be sent to the contractor to rectify the deficiency within a period of seven days from date of communication failing which their financial bid (Cover 2) shall not to be opened and contractor shall not have any claim on the same.
- (k) Invitation for e-tender does not constitute any guarantee for validation of technical bid and subsequent opening of financial bid of any applicant/ bidder merely by virtue of enclosing DD. Accepting Officer reserves the right to reject the Technical bid and not to open the financial bid of any application/ bidder. Technical bid validation shall be decided by the Accepting Officer based on eligibility of the firm as per criteria given in this Appendix. Tenderer/ bidder will be informed regarding non-validation of his Technical bid assigning reasons therefore through tender evaluation report which shall be uploaded on the website. Such tenderer, if desires, may appeal to the next higher Engineer Authority (NHEA) viz. CWE Pune on email id cwepuneone@gmail.com with copy to the Accepting Officer on email before the scheduled date of receipt of appeal. The decision of the NHEA shall be final and binding. The tenderer/ bidder shall not be entitled for any compensation whatsoever for rejection of his bid.
- (l) In case an unenlisted contractor is already executing works in MES. He shall not be considered eligible for the subject tender if the total value of such works is more than twice the tendering limit of the MES Class of contractor for which it is eligible, For this purpose details of the works being executed by such a contractor shall be uploaded in the Cover-1 of the bid and shall be checked/ verified by the Accepting Officer.
- (m) In case of BOQ is revised through the corrigendum and the bidder has failed to quote on revised BOQ (i.e he was quoted on pre revised BOQ) , such bid shall be treated as willful negligence by the bidder and his quotation shall be considered non-bonafide. In such cases the lowest tender shall be determined from amongst the valid/ bonafide bids only. Accepting Officer may decide whether to re-tender or consider the lowest bonafide tender for acceptance.
- (n) Revoking the offer or reising the rates upward or offering voluntary reduction by the lowest tenderer after opening of Cover 2 shall be considered as a willful default. For this default a penalty of an amount equal to Earnest Money shall be levied. In case of an unenlisted tenderer having deposited the standing deposited by him shall be forfeited. In case of MES stipulated in the NIT, shall be noticed to the tenderer Security Bond, an amount equal to the earnest money stipulated in the NIT, shall be noticed to the tenderer for depositing through MRO and consideration such tenderer in tender evaluation for future works shall remain suspended till the aforementioned amount is deposited in the Government Treasury. No other disciplinary/administrative action shall be taken against such tenderers. In such a situation the next lowest offer shall not be considered for acceptance. Instead, retendering shall be resorted to in a transparent and fair manner and the defaulting tenderer and his related firm if any, shall not be eligible for this tender in second call or subsequent calls.
- (o) Tender to related firms shall not be issued simultaneously. Firms shall be termed as related if Proprietor/one or more Partners/Directors are common. Decision of Accepting Officer on issue/deny the tender to any one of the related firms shall be final and binding.
- (p) Court of the place from where tender has been issued shall alone have jurisdiction to decide any dispute out of or in respect of this tender. After acceptance of tender, Condition 72-Jurisdiction of Courts of IAFW-2249 shall be applicable.

Signature of contractor

AE (QS&C)
AGE (Contracts)
for Garrison Engineer (C) Pune

ANNEXURE 'A'**APPENDIX 'A' TO NOTICE INVITING TENDER (NIT)****1.4 Criteria for Fresh Enlistment & Upgradation**

(a) Criteria for Fresh Enlistment in various classes shall be as under:-

Class	Past Experience of Completed Works in Last 5 years & Average Annual Turn Over (in Rs)	Financial Soundness (in Rs)
'SS'	(a) Two works costing not less than 12.00 crore each. or One work costing not less than 20 and Average annual turn over for two consecutive years shall not be less lakh than 20 crore	(a) Solvent upto 8.00 crore or Financially sound for engagement upto 40.00 crore. (b) Working capital not less than 75.00
'S'	(a) Two works costing not less than 7.50 crore each or One work costing not less than 12 crore and (b) Average annual turn over for two consecutive years shall not be less (than 12 crore	(a) Solvent upto 4.00 crore or Financially sound for engagement upto 15.00 crore (b) Working capital not less than 50.00 lakh
'A'	(a) Two works costing not less than 4.00 crore each or One work costing not less than 6.00 crore. and (b) Average annual turnover for two consecutive years shall not be less than 6.00 crore	Solvent upto 2.00 crore or Financially sound for engagement upto crore. Rs 7.50 Working capital not less than Rs 30.00 lakh
'B'	(a) Two works costing not less than 1.50 crore each. or One work costing not less than 2.50 crore. and (b) Average annual turn over for two consecutive years shall not be less than 300.00 lakh.	(a) Solvent upto 100.00 lakh or Financially sound for engagement upto 3.00 crore. (b) Working capital not less than 12.00 lakh
'C'	(a) Two works costing not less than 50.00 lakh each. or One work costing not less than 80.00 lakh. and (b) Average annual turn over for two consecutive years shall not be less than Rs 100.00 lakh.	(a) Solvent upto 40.00 lakh or Financially sound for engagement upto 100.00 lakh (b) Working capital not less than 10.00 lakh

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APPENDIX 'A' TO NOTICE INVITING TENDER (NIT)

Class	Past Experience of Completed Works in Last 5 years& Average Annual Turn Over (in Rs)	Financial Soundness (in Rs)
'D'	(a) Two works costing not less than 25.00 lakh each. or One work costing not less than 40.00 lakh. and (b) Average annual turn over for two consecutive years shall not be less than 50.00 lakh.	(a) Solvent upto 20.00 lakh or Financially sound for engagement upto 50.00 lakh. (b) Working capital not less than 7.50 lakh
'E'	(a) Three works costing not less than Rs 7.50 lakh. or Two work costing not less than Rs 10.00 lakh each or One work costing not less than Rs 20.00 lakh. and (b) Average annual turn over for two consecutive years shall not be less than Rs 25.00 lakh.	Solvent upto Rs 10.00 lakh or Financially sound for engagement upto Rs 25.00 lakh. Working capital Rs 5.00 lakh

Notes:-

- Authority competent to enlist shall be called Registering Authority.
- The categories for enlistment shall be decided on the basis of nature of works executed by Contractor. Contractors who have experience of executing of Prefab/Pre Engineered Structures and fulfil other criteria, shall also be eligible for enlistment in category a(i). At the time of renewal, contractors already enlisted in Cat (a) (i) Building & Roads. shall be enlisted in Cat (a) (i) Building works & (a) (v) Roads. In case of E class contractors, Registering Authority shall issue suitable amendments to enlistment letters in respect of separate categories for buildings works ie a(i) and roads i.e. a(v) without any application from contractor.
- For enlistment Upgradation /renewal/reclassification etc, in category (b) Electrical Engineering Works (i) to (iii), a declaration/undertaking shall be obtained from the applicant contractor in affidavit form whereby the contractor shall undertake to either obtain valid Electrical Licence of required class in its name or engage an agency having valid Electrical Licence of required class through MoU (Memorandum of Understanding) for execution of all electrical works as well as works under category (c) [including its sub categories (i) to (vii)] and the category (d)(v) to the extent Rule 29 under Part III of Central Electricity Authority (Measures Relating to Safety and Electric Supply) Regulations, 2010 is applicable either in full or part of the scope of work of contract awarded to him and that all such electrical works shall be executed by him through such agency only (either self or other agency) having valid Electrical Licence of required class from State /Union Territory Authorities where works are to be executed.
- Working capital with the Contractor shall be judged from balance sheet/bank's certificate as per Appendix 1.3 / bank statement for last 6 month/overdraft or cash credit facility from bank/fixed deposit receipts with banks.

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ANNEXURE 'A'**APPENDIX 'A' TO NOTICE INVITING TENDER (NIT)**

5. The requirements of minimum reserves are applicable for enlistment related process of existing contractors i.e. Change in constitution/Renewal/Reclassification (Revision in Monetary Limit) etc, if they have contracts in hand not having Performance Security provisions, till their contracts are completed and their Final Bills do not become MINUS. For this, these contractors will submit affidavit on non-judicial stamp paper of appropriate value (minimum value Rs. 1 00) declaring that all their contracts without Performance Security provisions are completed and the Final Bills are not MINUS. Immovable/movable property (minimum reserve) shall be exclusively in the name of Contractor and not in the name of family members/relatives/others. In case of Limited companies, immovable/movable property (considered for minimum reserve) shall be exclusively in the name of Company and should be reflected in the Balance Sheet of the Company.

6. "Last two consecutive years" shall mean immediate last two consecutive financial years reckoned from the date of application for up gradation. Two consecutive years for the purpose of fresh enlistment shall mean any of the two consecutive financial years in last Five Financial Years preceding the date of application for enlistment. For documents in support of works experience, TDS certificate for IT/Sales Tax NAT/GST shall also be asked from applicant firms. All documents related to works experience and turnover (except Form 26AS and portal generated GST return) shall be got independently verified from the client issuing authority. Registering Authority may seek clarification from the Chartered Accountant in case of any doubt. Annual turnover to be considered for enlistment purpose shall mean the turnover from all businesses carried out by the applicant firm in relation to construction work related to categories of works for which the enlistment is being sought. It may be total turnover as shown in the audited balance sheet or part thereof. Necessary clarification shall be obtained from the Chartered Accountant whose audited balance sheet is submitted by the applicant firm in case considered necessary by the Registering Authority.

7. Upgradation of enlisted contractor shall be done gradually in stages. Before a contractor is considered for upgradation, he should have worked at least for two years in the present tendering limit and should meet the criteria laid down. Normally upgradation will be done only to one next higher class at a time. However, if performance of any particular contractor is of very high order and Registering Authority considers upgradation of such contractor by more than one class justified, the same shall be done only with prior approval of E-in-C's Branch. Following considerations shall be applied to ascertain whether the performance of contractor is of very high order or otherwise:

(a) Contractor has completed works, value of which is more than 1.25 times the requirement in which the upgradation is being considered.

(b) Average Annual Turnover of the contractor is more than 1.25 times the requirement in which the upgradation is being considered

Example: For a contractor enlisted in class 'C' having tendering limit of 100 lakh, proposed to be upgraded to class 'A' having tendering limit of 7.50 crore, minimum value of works completed and turn over shall be as under :

- (i) Two works completed costing not less than 5.00 crore each (1.25 x 4.00)
or
One work costing not less than 7.50 crore (1.25 x 6.00)
- (ii) Average annual turnover 7.5 crore (1.25 x 6.00)

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APPENDIX 'A' TO NOTICE INVITING TENDER (NIT)

(c) Average marks secured in Performance Reports (Stage-11) for the works completed in last five years shall not be less than 70%. Where report for any work is not available, it will be deemed to contain only 60% average marks.

8. Contractors of 'A' class and above only shall be eligible for enlistment in categories (a) (iii) Runways and Pavements and (a)(iv) Marine and Harbour Works subject to prior approval of E-in-C.

The criteria laid down above for enlistment/ upgradation may be relaxed in the case of contractors whose performance has been found to be of a very high order. Such relaxation may, however be given only with the prior approval of E-in-C's Branch. **1.5 Documents required to be submitted by the contractor for enlistment in MES.**

(a) Application for enrolment as contractor on IAFW-2190 (Revised 2020). Coloured Photographs affixed on application shall be self-attested.

(b) Affidavit for constitution of firm.

(c) List of works executed during last five years (As per Appendix 1_2) including copies of Work Orders/Work allotment letters, Copies of completion certificates and Form 16 AITDS certificate for GST (GSTR-7A).

(d) Annual turnover certificate duly supported with audited balance sheet. The turnover certificate must bear the UDIN (Unique Document Identification Number). The turnover certificate and audited balance sheet should be from same Chartered Accountant. In case balance sheets are not audited, Form 26 AS and /or Annual GST return shall be forwarded in support of turnover.

(e) Audited balance sheet of last five years in case of Limited companies

(f) Solvency certificate from scheduled bank as per specimen given in **Appendix-1.3**

(g) Working Capital certificate from scheduled bank as per specimen given in **Appendix-1.3.**

(h) Affidavit from contractor that there is no Government dues/ recovery outstanding against him. If there is any Government dues/recovery outstanding from the contractor, enlistment/ upgradation shall not be carried out.

(j) Affidavit from contractor giving brief details of arbitration / litigation cases he was involved in. Registering Authority will critically examine such details and if contractor is considered habitual litigant, his enlistment/ upgradation shall not be carried out. Contractor shall be deemed to be a habitual litigant if he moves the court more than once ignoring arbitration clause and court does not uphold his view.

(k) Two self-attested photographs of Proprietor/Partners/ Directors of firm for verification of character and antecedents from the police authorities. Places where online police verification process is available, the contractor will carry out police verification of the Proprietor/Partners/Directors and submit the verification reports for cross verification by the Department. Alternatively the contractor may submit a copy of valid passport issued by Govt of India.

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ANNEXURE 'A'**APPENDIX 'A' TO NOTICE INVITING TENDER (NIT)**

- (l) Copy of partnership deed in case of partnership firm.
- (m) Memorandum and Articles of Association in case of Limited Companies.
- (n) Copy of Registration Certificate of firm with Registrar of Companies/Register of Firms.
- (o) Affidavit that no near relative(s) of the contractor or his/their employees/agents is/are working as Gazetted/ Commissioned Officer(s) in MES/ Corps of Engineers/Ministry of Defence. If the near relative(s) is/are working in such capacity in any formation upto Zonal CE/CCE, he/ they shall furnish details. The contractor shall not be entitled to tender for the works in entire area of CE Zone/CCE.
- (p) Affidavit that no near relative(s) of the contractor or his/their employees/agents is/are working as Junior Engineer(s) in MES/Corps of Engineers. If his near relative(s) is/are working in such capacity in any formation upto CWE/ GE(I) office, the contractor shall furnish details. The contractor shall not be entitled to tender for the works in entire area of that CWE/GE(I).
- (q) Copy of power of attorney/Resolution of the Board in favour of any Partner/ Director of the firm.
- (r) Copy of immediate last Income Tax Return.
- (s) A separate sheet containing specimen signatures (signed in black ink) and affixed with photographs of Proprietor/Partners/Directors (to be used as Appendix B of enlistment letter).
- (t) Self-attested copy of PAN Card of Proprietor, Partners, Directors and the firm/ Company.
- (u) Self-attested copies of GST registration, EPFO registration and ESIC registration certificates.

Notes:-

- (i) All the documents submitted by the contractor shall be signed by Proprietor/all Partners/all Directors unless specifically authorised to a Partner/Director through POA or Resolution of the Board.
- (ii) Photocopies of documents shall be self-attested. Registering Authority shall ask production of original documents to verify the photocopies.
- (iii) All affidavits shall be given on non-judicial stamp paper of appropriate value duly signed by the contractor and attested by the Magistrate/Notary public.
- (iv) Registering Authority shall cross-verify the genuineness of financial documents at Para (d) & (e) above from issuing Chartered Accountant (CA) and documents at Para (f) & (g) from the concerned Bank branch by referring in writing to them along with copy of above documents submitted by contractor. Registering Authority is also at liberty to verify the genuineness of all the documents from other reliable/authentic sources.

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ANNEXURE'A'

APPENDIX 'A' TO NOTICE INVITING TENDER (NIT)

- (v) All documents related to work experience and turnover (except Form 26AS and portal-generated GST return) shall be got independently verified from the client/issuing Authority. For documents in support of works experience, TDS certificate for IT/Sales Tax NAT/GST shall also be asked from applicant firms. Registering Authorities may seek clarifications from the Chartered Accountant in case of any doubt.
- (vi) Documents mentioned at Para 1.5 (a) and 1.5 (s) shall not be applicable for the purpose of documents to be uploaded for bidding purpose by unenlisted firms.

(SIGNATURE OF CONTRACTOR)

DATE : 2024

SIGNATURE OF OFFICER
ISSUING THE DOCUMENTS
APPOINTMENT: AGE (CONTRACTS)

DATE : 2024

IN LIEU OF IAFW-1779A (REVISED 1955)**ITEM RATE TENDER AND CONTRACT TO BE USED IN CONJUNCTION WITH GENERAL
CONDITIONS OF CONTRACTS IAFW-2249 (1989 PRINT)**

Tele: 2035
Tele FAX : -
E-mail at cpun4-mes@nic.in

e-procure
Garrison Engineer Ka Karyalaya (M)
Garrison Engineer's Office (Central)
Arjun Mayg, Pune-01
Pune-411 001

8511/ /E8

Sep 2024

ITEM RATE TENDER AND CONTRACT FOR WORKS REQUIRED IN THE “REPAIR/ MAINT TO
ALL TYPE OF STEEL FURNITURE ITEMS OF OTM ACCN OF ALL UNITS UNDER GE (CENTRAL)
PUNE**”**

A tender/ bidder who is qualified as per the eligibility criteria mentioned in the tender documents and has interalia sound past record is hereby authorised to tender for the above work. **The tender/ bid (both COVER-1 & and COVER-2)** shall be submitted/uploaded on the MES website portal (www.defproc.gov.in) as per time and date mentioned in tender documents.

**THE PRESIDENT OF INDIA DOES NOT BIND HIMSELF
TO ACCEPT THE LOWEST OR ANY TENDER**

SIGNATURE OF CONTRACTOR

DATE : 2024

SIGNATURE OF OFFICER
ISSUING THE DOCUMENTS
APPOINTMENT: AGE (CONTRACTS)

DATE : 2024

SCHEDULE 'A' NOTES**NOTES:-**

1. **SCOPE OF WORK** : The work covered under this tender shall comprise of **“REPAIR/ MAINT TO ALL TYPE OF STEEL FURNITURE ITEMS OF OTM ACCN OF ALL UNITS UNDER GE (CENTRAL) PUNE” (Maint Prog 2023-24)**
2. Entire work under this contract shall be completed **within 180 days** from the date of handing over the site(s), as mentioned in Work Order No 1.
3. Description of works and services given in various sections of Schedule 'A' is brief. These are deemed to be amplified and read in conjunction with special conditions, particular specifications for materials and workmanship and conditions in relevant trade/section of MES standard Schedule of Rates (Part-I) 2009 and (Part –II) 2010 and all these documents are taken as mutually explanatory to each other.
4. The quantities of various items of work catered under Schedule 'A' are provisional and are inserted as a guide only. These shall, however, not be varied beyond the limits laid down in Condition 7 of IAFW-2249 (General Conditions of Contracts).
5. The total amount of schedule 'A'/BOQ is not firm but will be treated as -Contract Sum as referred to in IAFW-2249.
6. Rates against each item in column of price bid are required to be filled in by the tenderer(s) in figures only.
7. The unit rate of each item of work is inclusive of labour and materials or supply and fix in position complete unless otherwise specifically mentioned in the description of item such as supply only, labour only, fixing only, laying only and the like.
8. The unit rate quoted by the tenderer shall be -Net inclusive of all charges such as sales taxes of all kinds and description including GST on work contracts, workers welfare tax, cess, GST, packing and unpacking charges, transport and delivery, over heads, profits and any other labour welfare/cess tax etc. GST on work contract, and labour welfare tax which is deductible at source, from contractor's RARs and final bill. Any tax coming into force consequent to any fresh law, or statutory rules or order before receipt of tender documents shall also be applicable for this contract. **No claim of whatsoever nature shall be admitted by the Govt on this account.**
9. The under mentioned remarks unless otherwise given shall be deemed to have been inserted in respective columns against each item of Schedule 'A'/BOQ whether specifically inserted or not:-
 - (a) At the beginning of description/ - Materials & Labour or Supply & Fix item under Column 2
 - (b) At the end of description of item - All as specified and as directed by Engineer in Charge under Column 2
10. Special conditions in MES Schedule and preambles to items given in MES Schedule Part-II under respective trade shall be applicable and tendered rates shall be deemed to be inclusive of the elements specified therein. If any provisions in the description of items of Schedule -All and in particular specifications is at variance with the provisions in Special conditions in MES Schedule Part –II and preambles to MES Schedule items, the provisions in description of items and in particular specifications shall take precedence there over.

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SCHEDULE 'A' NOTES (CONTD....)

11. Site for execution of work shall be made available as soon as the work is awarded. In case it is not possible for the department to make the entire site available on the award of the contract, the tenderer will have to arrange his working programme accordingly. No claim whatsoever, for not giving the entire site on award of contract and giving the site gradually will be admissible.
12. **SAFETY OF WORKERS AND STANDARD OF WORKMANSHIP (CONTRACTOR'S LICENSE FOR ELECTRICAL WORK):**
The contractor shall submit the Maharashtra State Govt. Contractor's License for Electrical work in the name of the firm or in the name of permanent employee (as required in terms of law on the matter) to the Garrison Engineer. A copy of license shall be kept by GE on record. GE will ensure that contractor has produced the valid Maharashtra Govt license before commencement of HT electric work on ground. Site executive will also ensure that valid supervisor's certificate of competence and wiremen's permit in respect of LT electrical work is obtained and held on record before execution of work (by them) at site.
13. The list of buildings under which work has to be executed is available with the Engineer-in-Charge. Contractor's attention is invited to condition 4 of IAFW-2249-General Conditions of Contracts. The contractor should keep in mind while quoting their/his tender, the fact that the buildings/site where the repair/work is to be carried out are under occupation and shall remain under occupation while carrying out the work. The contractor will carry out the work in phased manner in consultation with Engineer-in-Charge. It will be the responsibilities of the contractor to submit in writing his planning program of work seven days in advance to take over site/commence the work or any other requirements. No compensation or extra shall be admissible of any misunderstanding or loss of man-hours.
14. The unit item rates quoted by the tenderer shall be deemed to include for any minor details for construction/installation/repairs which are obviously and fairly which may not have been reflected in these documents, but are essential for execution and entire completion of the work and no extra cost will be entertained on such account. The decision of the Accepting Officer whether or not any minor details of constructions/installations/repairs are obviously and fairly intended to be included in the unit quoted rates for the items shall be final and binding.
15. **In absence of any specification either in these tender documents or in the drawings, the minimum specifications as given in SSR for relevant items and as per Standard Engineering practice shall be considered by the tenderer while quoting the tender.**
16. The tenderers are advised to refrain from making any stipulations or conditions in their offer.
17. The tenderer are advised to visit the site of work and verify the working condition and scope of work to be carried out before quoting the rates. **The contractor shall be deemed to have noted the site conditions and availability of materials required for the work before quoting his rates** and no claim whatsoever on any account nothing extra shall be admissible on this account.
18. Permission for the usage of any of the existing facilities such as approaches, if available can be granted by the GE on written request from the contractor stating that any damage caused due to usage of the same shall be made good by the contractor at no extra cost to the Govt. On the contrary if the contractor fails to make good the damages caused as above, these damages shall be made good and brought back to the original standard by the department at the risk & cost of the contractor. GE's decision in this regard shall be final, conclusive and binding.
19. The tenderers shall invariably deploy adequate T&P machinery and transport as per the requirement of the work. In no case inadequate deployment of T&P machinery and transport shall be acceptable.
20. The defects liability period of the subject work shall be 12 (Twelve) calendar months after the works have been handed over to Government.
21. Wherever the word Schedule 'A' appears in the tender documents same shall be read as BOQ'.
22. Determination of L1 : L-1 Selection will be on entire package/ work as whole.

In lieu of (AFW-1779A(R-1955))**SCHEDULE OF CREDIT****NOTES:-**

1. All materials obtained from dismantling, for which items are mentioned under this schedule, will become the property of the contractor who shall be responsible for removing the same out of MD land at his own cost after proper accounting of the same by GE/ Engineer-in-Charge. In no case materials shall be allowed to accumulate at site.
2. All dismantled/demolished unserviceable materials (the decision of the GE whether particular materials is serviceable shall be final, conclusive and binding) shall be disposed off outside MD land without any extra payment to the Government. All other unserviceable materials (not included in the list of items of Schedule of Credit) shall be returned to MES stores yard without any extra cost to Government.
3. Credit as assessed by Government is inserted in Col-5 and amount extended in Col-6. The quantities and credit assessed by the department are as per Schedule 'A'. No claim whatsoever on any account due to variation in quantities or assessed cost of material indicated under Col 4 & 5 respectively shall be entertained.
4. Contractor should inspect the existing conditions of material to be obtained from demolition/dismantling/taking down and it will be deemed that the contractor has visited the site (whether he inspect /visits the site or not) and no claim whatsoever will be entertained regarding condition of existing materials.
5. For the purpose of **Taxes and retention money** the Schedule of Credit amount, shall not be deducted from the work done amount, while calculating retention money in case of running payment and final bill payment.

Contd...../-

SCHEDULE OF CREDIT (CONTD....)

Ser No	Description of item as retrieved from Schedule BOQ	Unit	Qty	Rate per unit	Amount
				R. Ps	R. Ps
1.	Old unserviceable lock from steel almirah large and medium	Each	180	5.00	900.00
2.	Old unserviceable handles steel chromium plated for almirah large and medium	Each	135	5.00	675.00
3.	Old unserviceable MS clamps	Each	120	1.00	120.00
4.	Old unserviceable hinges	Each	125	3.00	375.00
5.	Old unserviceable Locking arrangement for Almirah Large	Each	50	10.00	500.00
6.	Old unserviceable Locking arrangement for Almirah Medium	Each	30	10.00	300.00
7.	Old unserviceable foot rest to almirah large steel	Each	60	5.00	300.00
8.	Old unserviceable foot rest to almirah medium steel	Each	32	5.00	160.00
9.	Old unserviceable shelves of almirah large	Each	62	12.00	744.00
10.	Old unserviceable shelves of almirah med	Each	55	12.00	660.00
11.	Old unserviceable handles mild steel chromium plated to steel lockers	Each	190	2.00	380.00
12.	Old unserviceable hasp and staple MS chromium plated to steel locker	Each	180	1.00	180.00
13.	Old unserviceable hanging rod chromium plated locker	Each	200	1.00	200.00
C/o...					5,494.00

SCHEDULE OF CREDIT (CONTD....)

Ser No	Description of item as retrieved from Schedule BOQ	Unit	Qty	Rate per unit	Amount
				R. Ps	R. Ps
BBF					5,494.00
14.	Old unserviceable top obtain from table 3' x 3' steel with drawer	Each	60	11.00	660.00
15.	Old unserviceable top obtain from table 3' x 2' steel with drawer	Each	150	10.00	1500.00
16.	Old unserviceable top obtain from table 3' x 2' steel without drawer	Each	25	10.00	250.00
17.	Old unserviceable table top obtain from table office clk steel	Each	50	10.00	500.00
18.	Old unserviceable table top obtain from table office offrs steel	Each	30	12.00	360.00
19.	Old unserviceable lock obtain from table office clk steel and table office offrs steel	Each	50	10.00	500.00
20.	Old unserviceable damaged ply wood top of bed hard	Each	75	10.00	750.00
21.	Old unserviceable damaged ply wood top of Charpoy with hard top	Each	180	10.00	1800.00
22.	Old unserviceable cane obtained from chair verandah	Kg	2	8.00	16.00
23.	Old unserviceable Seat cushion with tapestry cloth of chair writing	Each	275	20.00	5500.00
C/o....					17,330.00

SCHEDULE OF CREDIT (CONTD....)

Ser No	Description of item as retrieved from Schedule BOQ	Unit	Qty	Rate per unit	Amount
				R. Ps	R. Ps
				BBF	17330.00
24.	Old unserviceable Back cushion with tapestry cloth of chair writing	Each	275	20.00	5500.00
25.	Old unserviceable Replacement of PVC beeding of chair writing	Each	275	1.00	275.00
26.	Old unserviceable Handle for arm rest of chair writing	Each	400	5.00	2000.00
27.	Old unserviceable Nut, bolt and washer of chair writing	Each set	280	2.00	560.00
28.	Old unserviceable Seat cushion with tapestry cloth of chair with arms	Each	25	20.00	500.00
29.	Old unserviceable Back cushion with tapestry cloth of chair computer with arms	Each	25	20.00	500.00
30.	Old unserviceable Replacement of PVC beeding of chair computer with arms	Each	25	1.00	25.00
31.	Old unserviceable Handle for arm rest of chair computer with arms	Each	50	5.00	250.00
				C/o...	26,940.00

SCHEDULE OF CREDIT (CONTD....)

Ser No	Description of item as retrieved from Schedule BOQ	Unit	Qty	Rate per unit	Amount
				R. Ps	R. Ps
BBF					26940.00
32.	Old unserviceable Nut, bolt and washer of chair computer with arms	Each	25	2.00	50.00
33.	Old unserviceable Revolving Hydrolic frame complete of chair computer with arms	Each	15	28.00	420.00
	Total C/O to Summary			Rs.	27,410.00

SUMMARY

1. Total amount of Sch 'A' B/F from BOQ

Rs.

2. DEDUCT Sch of Credit B/F from above

Rs. (-) **27,410.00**

3. CONTRACT SUM

Rs.

 (SIGNATURE OF CONTRACTOR)
 Dated

AE (QS&C)
 AGE (Contracts)
 for Accepting Officer

SCHEDULE 'B'**ISSUE OF MATERIALS TO THE CONTRACTOR**
(SEE CONDITION 10 OF IAFW-2249)

Ser No	Particulars	Rate at which materials will be issued to the Contractor		Place of issue by name for all items of this schedule	Remarks
		Unit	Rate (Rs.)		
(1)	(2)	(3)	(4)	(5)	(6)
NIL					

SCHEDULE 'C'**LIST OF TOOLS AND PLANTS (OTHER THAN TRANSPORT WHICH WILL BE HIRED TO THE CONTRACTOR SEE CONDITIONS 15, 34 AND 35 OF IAFW-2249(1989 PRINT))**

SI No	Qty	Particulars	Details of MES crew supplied	Hire charges per unit per working day Rs	Stand by charges per unit per off day Rs	Place of issue by name	Remarks
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)

NIL**SCHEDULE 'D'****TRANSPORT TO BE HIRED TO THE CONTRACTOR (SEE CONDITION 16 AND 35 OF IAFW-2249 - 1989 PRINT)**

SI No	Qty	Particulars	Rate per unit per working day of 8 hours (Rs)	Place of issue (by name)	Remarks
(1)	(2)	(3)	(4)	(5)	(6)

NIL

(SIGNATURE OF CONTRACTOR)

Dated

AGE (Contracts)
For Accepting Officer

TENDER**TO THE PRESIDENT OF INDIA: -**

Having examined and perused the following documents: -

1. Specifications signed by **AGE (Contracts)** for GE (Central) Pune.
2. Drawings detailed in the specifications.
3. Schedule 'A', 'B', 'C' and 'D' attached hereto.
4. MES Standard Schedule of rates Part-I (2009) Specifications and Part-II- 2020 rates (hereinafter referred to as MES Schedule) including amendments No 1 to 3 for Part-I (2009) and amendments No 1 To 122 for Part-II (2020).
5. General Conditions of Contracts, IAFW-2249 (1989) print together with amendment Nos 1 to 49 and Errata 1 to 20.
6. **WATER CONDITION 31 OF IAFW-2249 : GENERAL CONDITIONS OF CONTRACT**

** Water will be supplied by the MES at all in cost rate Rs. 17.03 per 1000 liter subject to a minimum of Rs 3.75 per every Rs 1000 worth of work done priced at contract rates.

7. **WATER CONDITION 31 OF IAFW-2249 : GENERAL CONDITIONS OF CONTRACT**

** Water will be supplied by the MES at Rs 3.75 per every Rs 1000/- worth of work done priced at contract rates.

8. Should this tender be accepted I/WE AGREE: -

*(a) That the sum of **Rs 30,000.00 (Rupees Thirty Thousand Only)** forwarded as Earnest Money shall either be retained as a part of the Security Deposit or be refunded by the Government on receipt of the appropriate amount of Security Deposit as per condition 22 of IAFW-2249.

(b) To execute all the works referred to in the said documents upon the terms and conditions contained/referred to therein and as detailed in the General SumMayy and to carry out such deviations as may be ordered vide Condition 7 of IAFW-2249 upto a maximum of **TEN PERCENT** and further agree to refer all disputes as required by Condition 71 of IAFW 2249 to the **Sole Conciliator** of a serving Officer having degree in Engineering or equivalent or having passed final/direct final examination of Sub- Division II of Institution of Surveyors (India) recognised by the Govt. of India to be appointed by the Chief Engineer Pune Zone, Dakshin Kaman Mayg, Camp Pune – 411001 or in his absence the officer Officiating as Chief Engineer, specifically delegated in writing by Chief Engineer Pune Zone, Dakshin Kaman Mayg, Camp Pune – 411001 whose decision shall be final, conclusive and binding.

(c) Further agree to refer all disputes as required by Condition 70 of IAFW 2249 to the **Sole Arbitrator** of a serving Officer having degree in Engineering or equivalent or having passed final/direct final examination of Sub- Division II of Institution of Surveyors (India) recognised by the Govt. of India to be appointed by the Chief Engineer Pune Zone, Dakshin Kaman Mayg, Camp Pune – 411001 or in his absence the officer Officiating as Chief Engineer, specifically delegated in writing by Chief Engineer Pune Zone, Dakshin Kaman Mayg, Camp Pune – 411001 whose decision shall be final, conclusive and binding.

* To be deleted where not applicable.

IN LIEU OF IAFW-1779-A (REVISED 1955)**TENDER (CONTD...)**

Signature _____ in the capacity of _____ duly authorised to sign
tender for and on behalf of M/s _____

(IN BLOCK LETTERS)

Name of the Signatory : _____ (IN CAPITAL LETTERS)

Date : _____

Postal Address :

Phone No : _____

Telegraphic address : _____

ACCEPTANCE

_____ alteration (s) have been made in these documents and as evidence
that these alterations were made before the execution of the Contract Agreement, they have been
initialed by the contractor and **Shri D P Pokharkar, AE (QS&C), AGE (Contracts).**

The said officer(s) is/are hereby authorised to sign and initial on my behalf the documents forming
part of this contract. The above tender was accepted by me on behalf of the President of India for sum
of Rs _____ (Rupees _____
_____ only)

on the _____ day of _____ 2024

Signature _____ dated this _____ day of _____ 2024

Appointment: Garrison Engineer (Central) Pune, Arjun Mayg, Camp Pune-01

(FOR AND ON BEHALF OF THE PRESIDENT OF INDIA)

GENERAL CONDITIONS OF CONTRACTS (IAFW -2249) (1989 PRINT)
FOR LUMP SUM CONTRACTS (IAFW-2159) & MEASUREMENT CONTRACTS
(IAFW -1779 AND 1779- A)

A Copy of the GENERAL CONDITIONS OF CONTRACTS (IAFW-2249) (1989 PRINT) with Errata 1 to 20 and amendment Nos 1 to 40 has been supplied to me/us AND is in my/our possession. I/We have read and understood the provisions contained in the aforesaid GENERAL CONDITIONS OF CONTRACTS before submission of this tender and I/We agree that I/We shall abide by the terms and conditions thereof, as modified if any, elsewhere in these tender documents.

It is hereby further agreed and declared by me/us, that the General Conditions of Contracts (IAFW-2249) (1989 Print) including condition 70 thereof pertaining to settlement of disputes by Arbitration containing 33 pages (Srl Page No 41 to 73) with errata 1 to 20 and amendment Nos 1 to 48 (Srl Page No 74 to 88) form part of these tender documents.

AGE (Contracts)
For Accepting Officer

(SIGNATURE OF CONTRACTOR)

DATE

**SCHEDULE OF MINIMUM FAIR WAGES PAYABLE BY THE
CONTRACTOR UNDER FAIR WAGES ACT**

1. It is hereby agreed by *me/ us that the Schedule of Minimum Fair Wages as published vide Government of India/ State Govt/ Govt local authorities whichever is highest and which specifies minimum rates of wages for various categories of workman as applicable on the last due date of bid submission of this tender, shall form part of these tender document.
2. The minimum rates of wages shall consist of inclusive rates and include also the wages for weekly day of rest.
3. My/ our signature here under amount to my/our having signed the aforesaid documents forming part of this tender.

AGE (Contracts)
for Accepting Officer

(Signature of Contractor)

Dated: _____

SPECIAL CONDITIONS

1.0 GENERAL

- 1.1 The following special conditions shall be read in conjunction with the General Conditions of Contracts IAFW-2249 including errata/amendments there to. If any provision in these special conditions is at variance with the aforesaid documents, these special conditions shall be deemed to take precedence there over.
- 1.2 The work under this contract shall be carried out in accordance with Schedule „A“ (BOQ), Particular Specifications, drawings and other provisions made in MES Schedule.
- 1.3 The term „General Specifications“ referred to herein before/here in after as well as referred to in IAFW-2249. (General Conditions of Contracts), shall mean the Specifications contained in MES Schedule.
- 1.4 General rules, specifications, special conditions and all preambles in MES Schedule shall be deemed to apply to the works under this contract unless specified otherwise in these tender documents in which case the provisions in these tender documents shall be deemed to take precedence over the provisions made in MES Schedule.

2.0 VISIT TO SITE BY CONTRACTOR

- 2.1 The tenderer shall contact concerned GE for the purpose of inspections of site(s) and examination of relevant document other than those sent herewith, who will extend reasonable facilities for this purpose. The tenderers shall also make themselves familiar with working conditions, accessibility to site(s), availability of materials and other cogent conditions, which may affect the entire completion of work under this contract.
- 2.2 In case of a tender containing an offer is submitted the tenderer shall be deemed to have visited the site(s) and made themselves familiar with the working conditions etc. Whether they actually inspect the site or not.
- 2.3 The works under the contract lies in UNRESTRICTED AREA.

3.0 CONDITIONS FOR WORKING IN UNRESTRICTED AREA.

(a) The contractor, his agents, employees, work people and vehicles may require to pass through the unit lines in which case the Engineer-in-Charge shall, at his discretion have the right to issue passes, control their admission to the site of work or any part thereof. The contractor shall on demand by the Engineer-in-Charge submit a list of personnel; etc concerned and shall satisfy the Engineer-in-Charge as to the bona fides of such people. Passes issued shall be returned at any time on demand by the Engineer-in- Charge and in case on completion of the work.

(b) The contractor and his agent, employees and work people shall observe all the rules promulgated by the authority controlling the area in which the work is to be carried out e.g. prohibition of smoking, lighting and keeping to specified routes, accessional restricted hours of working etc, Any person found violating the security rules laid down by the authority, shall be immediately expelled from the area without assigning any reasons what so ever and the contractor shall have not claim on this account. Nothing extra shall be admissible for any man hours lost on this account.

4.0 CONTRACTORS REPRESENTATIVES, WORKERS AND AGENTS:

- 4.1 Tenderer's attention is invited to condition 25 of IAFW-2249. Tenderer shall employ Indian Nationals as his representative, servants and workers and verify their antecedents and loyalty before employing them for the works.
He shall ensure that no person of doubtful antecedents and nationality is, in any way, associated with work. If for reasons of technical collaboration or other consideration the employment of any foreign national is unavoidable, the tenderer shall furnish full particulars to this effect to the Accepting Officer at the time of submission of his tender.

Contd.....

SPECIAL CONDITIONS (CONTD...)

- 4.2 The contractor shall on demand by the Engineer-in-charge, submit list of his agents, employees and work people, concerned and shall satisfy the Engineer-in-charge as to the bonafides of such people.

5.0 MINIMUM WAGES PAYABLE

- 5.1 Refer condition 58 of IAFW-2249. Irrespective of the Schedule of minimum fair wages as enclosed here in before. The contractor shall not pay wages lower than minimum wages for labour as fixed by the Govt. of India/State Govt. / local authority, whichever is highest on the date of receipt of his offer.
- 5.2 The fair wages referred to in condition 58 of IAFW-2249 will be deemed to be the same as the minimum wages payable as referred to above.
- 5.3 The contractor shall have no extra claim what so ever, if on account of local factors and or regulations, he is required to pay the wages in excess of minimum wages as described above during the execution of work.

6.0 LABOUR (REGULATION AND ABOLITION) ACT

Contract labour (Regulation & Abolition) Act 1970 is applicable to MES contractors. Rates quoted by the tenderer shall be deemed to take into account the cost, etc required to comply with the provision contained in the said act & the rules framed under the said act.

7.0 ROYALTIES:

Reference condition 14 of IAFW-2249. No quarries on defence land are available.

8.0 LAND FOR LABOUR ACCOMMODATION, STORES & WORKSHOP ETC

Delete the lines 5 to 9 of Para 1 of condition 24 of IAFW-2249. General Conditions of contracts reading "In the event of area of land allotted to him" and lieu insert as under: - "The contractor shall be allotted free of charge the area as Mayked on the site plan/layout plan for the purpose of storage of materials, erection of temporary workshop, stores, etc.No defence land is available for accommodation of labour for which the contractor shall make his own arrangement at his own expense".

- 9.0 **BLASTING:** Blasting is prohibited.

10.0 WATER SUPPLY:

- 10.1 Refer condition 31 of General conditions of contracts IAFW-2249. Water will be supplied by MES. Water supply shall be metered. Water Meter shall be provided by MES. Water will be supplied by the MES at all in cost rate Rs. 17.03 per 1000 liter subject to a minimum of Rs 3.75 per every Rs 1000 worth of work done priced at contract rates.
- 10.2 Water will be supplied by MES on payment at the point (s) Mayked on site plan. As the water supply by MES is likely to be intermittent the contractor shall make his arrangements for storing the water required for the works, labour and workmen etc at his own expense. The contractor shall not have any claim on account of short /intermittent supply and shall make his own arrangement to supplement requisite quantity at his own cost.
- 10.3 If the contractor does not desire to take water supply from MES he shall specifically mention so, while submitting his tender and shall make his own arrangement for water required for the entire completion of works. Failure to exercise this option in the offer by the tenderer will automatically make the contractor liable to have agreed to draw water supply from MES.

Contd.....

SPECIAL CONDITIONS (CONTD....)**11.0 ELECTRIC SUPPLY.**

- 11.1 Electricity will be supplied by MES on payment. It is however, optional for the contractor to buy it from MES or make his own management at his own cost. In the event of contractor deciding to buy it from MES, he shall be charged for its consumption at a uniform rate of Rs. 12/- per unit for lighting as well as for power. The condition given in succeeding sub paras, shall be applicable for electric supply by MES.
- 11.2 Electric supply shall be made available by MES at the Point(s) tentatively Mayked on site plan/decided by GE. However the exact location of the electric point(s) shall be shown by the GE.
- 11.3 The main switch and KWH meter to register the power supplied shall be provided and installed by MES. Contractor shall provide all necessary connections/ cable fittings etc, from the main switch & meter, in order to ensure proper and suitable supply of electricity forexecution of work.
- 11.4 The MES do not guarantee for the continuity of supply and no compensation whatsoever shall be allowed for supply becoming intermittent or for break down in the system.
- 11.5 GE or his representative shall be free to inspect all the power consuming devices. Any electric line provided by the contractor, which is not to the satisfaction of the GE as confirming to IE rules shall be disconnected from the supply, if so directed by him.
- 11.6 It is the responsibility of contractor to maintain the unit power of electric supply. For this contractor shall provide capacitor of appropriate capacity to each connection for installationof his construction equipment.

12.0 CO-OPERATION WITH OTHER AGENCIES:

- 12.1 Refer condition 37 of IAFW-2249. The contractor shall permit free access and generally afford reasonable facilities to other agencies and departmental workmen engaged by the Govt. to carry out their part of the work if any, under separate arrangements. The contractor is expected to have general procedural knowledge of local metro politan/municipal rules of construction.

13.0 MATERIALS:

- 13.1 Refer condition 10 of IAFW-2249.
- 13.2 Items conforming to Indian Standard Specifications shall be accepted only when ISI Mayked materials are not manufactured. Materials, which are superior to IS specifications, may be used without any extra cost to Government. However before incorporating such materials/items, the contractor shall produce necessary test certificates as required by the GE.
- 13.2 Indian standard of the year of publication (Edition) as referred to in the MES Schedule shall be followed. Where any IS referred has been amended, or revised or superseded, the contractor shall follow amended/revised/superseded provisions as applicable on the date of receipt of tender.
- 13.4 A list of items/articles which are having IS certification Mayk and are readily available is given below. It is mandatory that IS certified/ Mayked items/articles as listed below only are incorporated in the works. **(For items which are applicable to this tender).**

Contd....

SPECIAL CONDITIONS (CONTD....)

- (a) Integral water proofing compound.
- (b) Joinery
 - (i) Solid core of wooden flush door shutters.
 - (ii) Particle board panel inserts of factory made paneled shutters.
- (c) Builders Hardware
 - (i) Steel Butt Hinges.
 - (ii) Ferrous Tower Bolts
 - (iii) Non- Ferrous Tower Bolts.
 - (iv) Door handles (Non ferrous)
 - (v) Parliament Hinges, Ferrous
 - (vi) Continuous Piano hinges
 - (vii) Non-ferrous Metal Sliding Door Bolts
 - (viii) Tee and Strip Hinges
 - (ix) Mild steel sliding Door Bolts
- (d) Ceiling and Lining
 - (i) Ply wood for general purposes
 - (ii) Block board
 - (iii) Veneered/decorative ply wood
 - (iv) Fiber Hard board
- (e) Flooring. White Port land cement.
- (f) Water supply plumbing, drains and sanitary appliances
 - (i) Concrete pipes with or without reinforcement.
 - (ii) Salt Glazed stone ware pipe and fittings
 - (iii) Flushing Cistern for water closets and urinals other than plastic.
 - (iv) Cast copper alloy screwed down pipe tap and stop valve for water services
 - (v) Galvanized mild steel tubes, stop cock, bib cock.
 - (vi) Sand-cast CI spigot and socket soil, waste and ventilation pipes fittings and accessories.
 - (vii) Centrifugally cast (spun) CI spigot and socket soil, waste and ventilation pipes, fittings and accessories.
 - (viii) Ball valves (Horizontal plunger type) including floats for water supply purposes.
 - (ix) Cast iron manhole covers and frames.
 - (x) Vitreous China sanitary appliances.
 - (aa) Wash down water closets.
 - (ab) Squatting pans.
 - (ac) Wash Basins.
 - (ad) Foot Rests.
 - (xi) Plastic Wc seats and covers.
 - (xii) Pillars taps.
 - (xiii) HDPE water tanks
 - (xiv) PVC flushing cistern.
 - (xv) GI fittings.

Contd....

SPECIAL CONDITIONS (CONTD....)**(g) ELECTRICAL WORKS**

- (i) Ceiling rose.
- (ii) Switches & wire.
- (iii) Socket outlet 3 pin plug and socket.
- (iv) Switch fuses (Main & Switch)
- (v) Rigid steel conduit.
- (vi) Single core polythene insulated and PVC sheathed cable.
- (vii) Starter for tube light.
- (viii) Fluorescent lamps.
- (ix) Aluminium stranded conductor.

13.5 A list of items/ articles commonly available in Mayket and which are superior to ISI Mayked items is given below:-
(items which are not applicable/ required in this contract shall be deemed to have been deleted).

- (i) Paint synthetic Enamel.
- (ii) Distempers (Oil emulsion and dry type).

14. NETWORK ANALYSIS

- 14.1 The time and progress chart to be prepared as per condition 11 of IAFW-2249 (General Conditions of Contracts) shall consist of detailed network analysis and a time schedule. The critical path network will be drawn jointly by the GE and contractor soon after but before the date of commencement as per work order No.1. The time scheduling of the activities will be done by the contractor so as to finish the work within the stipulated time. On completion of the time schedule a firm calendar date schedule will be prepared and submitted by the contractor to GE who will approve it after the scrutiny. The calendar date schedule will be submitted in four copies within two weeks from date of handing over site.
- 14.2 During the currency of the work the contractor is expected to adhere to the time schedule and this adherence will be a part of the contractor's performance under the contract. During the execution of the work the contractor is expected to participate in the review and updating of the network as and when called for by the GE. These reviews may be undertaken at the discretion of GE either as a periodical appraisal measure or when the quantum of work ordered on the contractor is substantially changed through deviation orders or amendments. Any revision of time schedule as a result of the review will be submitted by the contractor to the GE for his approval after due scrutiny.
- 14.3 The contractor will adhere to the revised schedule thereafter. In case of contractor disagreeing with a revised time schedule, the same will be referred to the Accepting officer whose decisions shall be final, conclusive and binding. GE's approval to the revised schedule resulting in a completion date beyond the stipulated date of completion shall not automatically amount to grant of extension of time. Extension of time shall be considered and decided by the appropriate authority mentioned in condition 11 of IAFW-2249 and separately regulated under the existing rules and Acts.
- 14.4 The contractor shall mobilize and employ sufficient resources to achieve the detailed schedule within the broad framework of the accepted methods of working and safety. No additional payment will be made to the contractor for any multiple shift work or other incentive method of achieving the target dates.

SPECIAL CONDITIONS (CONTD.....)**15.0 RECORD OF CONSUMPTION OF CEMENT.**

15.1 For purpose of keeping a record of cement issued and consumed in works, the contractor shall maintain a pucca bound register with serially numbered pages with all pages initialed by Engineer-in-Charge showing daily receipt, quantity used in works and balance in hand at the end of each day. This register shall be signed daily by the contractor's representative and MES representative in token of their verification of its correctness. This register shall be checked by Engineer-in-Charge at least once a week and on the day cement is brought by the contractor.

15.2 The register shall be kept at site in the safe custody of the contractor during progress of the work and shall on demand produce the same for verifications of inspecting officers Board of Officers ordered by the Accepting Officer. On completion of the work cement register shall be handed over to the Engineer-in-Charge for record with MES.

16.0 VALIDITY OF TENDER:

This tender shall remain open for acceptance for a period of **NINETY DAYS** from the date on which the tenders are due to be submitted (i.e closing date of cover 1&2 of Tender) (For the purpose of calculating the period the day on which the tenders are due to be submitted, shall be excluded.)

17.0 VALUATION OF DEVIATION:

Condition 62 of General conditions of contract shall be referred.

18.0 OFFICIAL SECRET ACT:

Refer to condition 2-A of General conditions of contract IAFW-2249 (1989 Print). The contractor shall be bound by the Indian official Secret Act 1923 and particularly section 5 thereof.

19.0 CONTRACTORS PLANTS/EQUIPMENT AT SITE:

The contractor along with his labour shall furnish to the Engineer-in-Charge every morning distribution return of plants/equipment's on the site of work stating full particulars, capacity, make etc.

20.0 DAMAGE TO EXISTING WORK:

Any damage done to any existing structures underground cables pipe line road surfaces, drains and fixture etc during execution of work shall be made good by the contractor at his own expenses. Rectification, reinstatement, replacement, making good and touching up shall be carried out according to the materials and workmanship originally provided and to entire satisfaction of the GE.

21.0 PRODUCTION OF VOUCHERS FOR MATERIALS:

Contractor shall produce original purchase vouchers/Bills from the manufacturers and of their authorized agents for the full quantity of the following materials as applicable as a pre-requisite document before submitting claims for payment for advance on account of the work done and or materials collected in accordance with conditions 64 of IAFW-2249 General conditions of contracts.

Contd.....

SPECIAL CONDITIONS (CONTD.....)

- | | |
|---------------------------------------|--|
| (a) Factory made panel/flush shutters | (b) Pressed steel door frame. |
| (c) Galvalume Plain/corrugated sheet | (d) Paint |
| (e) Chequered Tiles / PCC paver block | (f) Cement |
| (g) Steel | (h) PGI Sheet |
| (j) Cement base paint | (k) Electrical cables/wire/fittings/fixtures |
| (l) PVC frame and shutter | (m) Glazed/ceramic tiles |
| (n) PVC (SWR) pipe | (o) Water proofing compound |
| (p) CGI/PGI sheet | (q) Oil bond distemper |
| (r) Sanitary fittings | (s) Plastic emulsion |
| (t) Bathroom fittings | |

22. RELEASE OF ADDITIONAL SECURITY DEPOSIT:

Additional security when deposited by the contractor as per clause 22 of the IAFW-2249 shall be released in two stages as under: -

(a) 50% of the additional security deposit shall be released on payment of final bill provided there are no claims outstanding against the contractor in respect of the contract in which the additional security deposit is lodged and final bill is not minus. In the event of department's claim against the contractor becoming and or the final bill under condition 66 of IAFW 2249 becoming minus, the amount of the security deposit shall be adjusted against the claim due to Government and balance amount if any will be released to the contractor.

(b) Balance 50% of the additional security deposit will be released to the contractor after expiry of defects liability period as per conditions 68 of IAFW-2249, provided the contractor shall first have rendered a No Demand Certificate (IAFW-451).

(c) In order to implement the above procedure the contractor is advised to deposit the additional security in two equal part so as to facilitate its release.

(d) The above clause is not applicable for release of earnest money/ security deposit lodged by a contractor who has not executed the security bond with the department.

23.0 ACCEPTABLE QUALITY OF WORK AND FINISHES.

To determine the acceptable standard of workmanship, in addition to the Sample Block, the Garrison Engineer may order the contractor to execute certain typical portion of works and services such as some length of wall, portion of different type of floors, plaster, pointing, painting any other finished/items, sanitary fittings, plumbing, electrical fittings etc under strict and constant supervision of MES staff and label these works as guiding samples so that further works shall be executed to conform these samples.

24.0 WATCH, WARD AND LIGHTING:

24.1 The contractor shall provide and maintain all necessary watch and ward/ lighting arrangements to keep the traffic off the trenches Necessary boards and sign posts shall be provided and set up to the entire satisfaction of the Engineer-in-Charge.

24.2 The contractor shall reimburse the loss to the Govt. on account of any damage that may occur on this account.

SPECIAL CONDITIONS (CONTD....)**25.0 PRECAUTION AGAINST RISKS:**

- 25.1 The contractor shall be responsible at his own expense in taking precaution to prevent any damage from whatsoever cause arising other than the accepted risk and to minimise the amount of any such loss or damage and for adoption of necessary protective means required for the purpose in compliance with condition 38 of IAFW-2249 and rule 5 of MES safety code annexure „B” of IAFW-2249 until the work have been handed over duly completed to the MES.

26.0 CLEAN DOWN:

- 26.1 Refer condition 4 of IAFW-2249 General Conditions of Contracts. The contractor shall clear all floors, walls, remove cement, lime, paint Mayk, drops, etc clean the joinery glass pane sets, touch up all painting works and carryout all the necessary items of work in connection therewith to leave the whole premises clean and tidy before handing over the building.

27.0 APPROACHES

The contractor shall provide at his own all-temporary approaches to the site (where not existing) for the use of his labour and transport.

28.0 SECURITY OF CLASSIFIED DOCUMENTS

Contractor's special attention is drawn to condition 2-A and 3 of IAFW-2249 (General Conditions of Contracts). The contractor shall not communicate any classified information regarding the works, either to sub-contractor or others, without the prior approval of the Garrison Engineer. The contractor shall also not make copies of the design/drawings and other documents furnished to him in respect of the work and he shall return all documents on completion of the work or earlier determination of the contract. The contractor shall along with the final bill attach a receipt from the Engineer-in charge in confirmation of his having returned the classified documents as per condition 3 of IAFW-2249.

29.0 CONSTRUCTION OF LABOUR WELFARE TAX

The lump sum/ unit rate quoted by the tenderer shall be deemed to include the element of tax consequent to building and construction workers (Regulation of employment and conditions of services) Welfares Act 1966.

30.0 ADJUSTMENT TAX CONSEQUENT UPON CONSTITUTION (FORTY SIXTH AMENDMENT) ACT 86.

- 30.1 The tendered rates shall be deemed to be inclusive of all taxes & levies payable under the respective status including the sale tax imposed by the Govt. of Maharashtra consequent upon constitution (Forty Sixth) amendment Act 1986.
- 30.2 All the orders/notification in connection with sale tax issued up to date of receipt of tender on account of 46th consideration by the tenderer and nothing shall be paid/ reimbursed by the department on this account.

31.0 MINOR CONSTRUCTION DETAILS :

- 31.1 Lump sum/unit rates quoted by the contractor shall be deemed to be allow for all Minor construction details which are not specifically shown on drawings or given in the particular specifications but are essential and fairly intended for the execution of work and services in workmen like manner and sound construction. In case of difference of opinion between the contractor and GE as to whether or not certain item of works constitutes. Minor constructional details which is deemed to have been included in the contractor's quoted lump sum rates/unit rates, the decision of the Accepting Officer shall be final conclusive and binding.

Contd....

SPECIAL CONDITIONS (CONTD....)**32.0 OUT OF POCKET EXPENSES: -**

Out of pocket expenses incurred by the tenderer in submitting this tender cannot be reimbursed whether the tender is accepted or not.

33.0 GST

The tendered rates shall be deemed to be inclusive of GST as applicable to works contracts as per Govt. statutes.

34.0 RE-IMBURSEMENT/REFUND ON VARIATION IN "TAXES DIRECTLY RELATED TO CONTRACT VALUE"

- 34.1 (a) The rates quoted by the Contractor shall be deemed to be inclusive of all taxes (including GST on materials, GST on works contracts, Turnover Tax, Labour Welfare cess/ tax etc), Royalties, & other levies payable under the respective statutes. No reimbursement/refund for variation in rates of taxes, Royalties & other levies, and / or imposition / abolition of any new/existing taxes, Royalties & other levies shall be made except as provided in sub Para (b) here-in-below.

(b) (i) The taxes which are levied by Govt. at certain percentage rates of Contract Sum/Amount shall be termed as "taxes directly related to Contract value" such as GST on Works contracts, Turnover tax, Labour Welfare cess /tax and like but excluding Income Tax. The tendered rates shall be deemed to be inclusive of all "taxes directly related to Contract value" with existing percentage rates as prevailing on last due date for receipt of tenders. Any increase in percentage rates of "taxes directly related to Contract value" with reference to prevailing rates on last due date for receipt of tenders shall be reimbursed to the Contractor and any decrease in percentage rates of "taxes directly related to Contract value" with reference to prevailing rates on last due date for receipt of tenders shall be refunded by the Contractor to the Govt. /deducted by the Govt. from any payments due to the Contractor. Similarly imposition of any new "taxes directly related to Contract value" after the last due date for receipt of tenders shall be reimbursed to the Contractor and abolition of any "taxes directly related to Contract value" prevailing on last due date for receipt of tenders shall be refunded by the Contractor to the Govt. /deducted by the Govt. from the payments due to the Contractor.

(ii) The contractor shall, within a reasonable time of his becoming aware of variation in percentage rates and/or imposition of any further "taxes directly related to Contract value", give written notice thereof to the GE stating that the same is given pursuant to this Special Condition, together with all information relating thereto which he may be in a position to supply. The Contractor shall submit the other documentary proof/information"s as the GE may require.

(iii) The Contractor shall, for the purpose of this condition keep such books of account and other documents as are necessary and shall allow inspection of the same by a duly authorized representative of Govt, and shall further, at the request of the GE furnish, verified in such a manner as the GE may require, any documents so kept and such other information"s as the GE may require.

(iv) Reimbursement for increase in percentage rates/imposition of "taxes directly related to Contract value" shall be made only if the Contractor necessarily & properly pays additional "taxes directly related to Contract value" to the Govt, without getting the same adjusted against any other tax liability or without getting the same refunded from the concerned Govt. Authority and submits documentary proof for the same as the GE may require.

(Signature of Contractor)

Dated:_____

AGE (Contracts)
for Accepting Officer

PARTICULAR SPECIFICATIONS**1. GENERAL**

All articles to be repaired under this contract shall be in accordance with the specifications as detailed hereunder and as shown on drawing and as specified hereinafter.

2. **SCOPE OF WORK:** This work consists for all items given in Sch. 'A'/BOQ and as specified in particular specifications and shall be comprises of following scope of work (Furniture items) :-

"REPAIR/MAINT ALL TYPE OF STEEL FURNITURE ITEMS OF OTM ACCN OF ALL UNITS UNDER GE (CENTRAL) PUNE"

3. MATERIALS:

- (a) The contractor shall supply all stores and materials required for the work.
- (b) Materials supplied by the contractor shall be new and the best of respective kinds and shall conform to the relevant Indian Standard Specifications wherever applicable.
- (c) It is the contractor's entire responsibility to procure all stores and materials required for the work. No assistance of any kind whatsoever shall be given by the department in this connection.

4. WORKMANSHIP:

- (a) Workmanship shall be of the highest quality as expected from high class cabinet makers. The GE shall be the sole judge of whether or not the workmanship is of the required standard.
- (b) Actual dimensions and specifications for the items required under this contract shall be all as specified hereinafter and as shown in drawings.

5. TIMBER

- (a) (i) Unless otherwise specified all timber required for the works shall be first class hard wood TEAK (MP TEAK WOOD). First grade kiln (plant) seasoned teak wood as per IS 1331 1971 free from knots and cracks shall be used with moisture content permissible as per IS 28 1973.
- (ii) Timber should be of natural growth, uniform in texture straight fibre and well seasoned to prevent warps and twists. It should be also free from sap, loose knots, dead knots exceeding 12mm dia, cup shakes, worm holes, soft spots and all other decay and defects. These specifications shall take precedence over any notes mentioned in drawings regarding condition of timber.
- (iii) A tolerance of 1.5mm for each wrought face of timber shall be allowed for members over 12mm thick but for members 12mm thick or less, no tolerance shall be allowed. Also no tolerance shall be allowed in over all dimensions of furniture. The size shown on drawings is finished sizes. No tolerance is allowed for panel/panel shutters.
- (iv) Figured dimensions shown on drawings are to be taken in preference to scaled dimensions.
- (v) Contractor has to produce test certificate for timber.
- (vi) All wooden parts shall be given anti termite/Borer treatment.

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PARTICULAR SPECIFICATIONS (CONTD...)

- (b) Unless otherwise specified boarding (timber) planks required in the work shall be
 - (i) One piece for overall width not exceeding 20cms.
 - (ii) Not more than two pieces with rebated joints between the planks (secret nailing for the joints shall also be as directed by the Engineer-in-Charge) for overall widths exceeding 20 cms but not exceeding 40 cms.
 - (iii) Not more than three pieces with rebated joints as stated in Para (ii) here-in-before between the planks for overall widths exceeding 40 cms and not exceeding 60 cms.
- (c) The boarding shall be in one length. No joint shall be permitted.

6. SURFACE FINISH:

All faces of timber shall be wrought, finished smooth and shall have corner and edges slightly rounded radius not exceeding 3mm wherever shown on drawings and as directed by the Garrison Engineer.

7. FIXING AND JOINTING

- (a) Unless otherwise specified in particular specifications, joints in wood work shall fit fully and truly) without wedging fillings or making up, nailing is not permitted. Bamboo pins shall be used in joints wherever required.
- (b) All framed joints, mortice tenon, tongues and grooves, rebating dowelling, wedging, pluggin etc shall be executed as indicated on drawings and in the best workman like manner as per standard practice.
- (c) The joints are to be made with bamboo pins and with glue. The phenol bonded synthetic glue shall , however be used to ensure that all members forming a joint is firmly made with bamboo pins.
- (d) Planks over 12 mm thick shall be jointed by tongue and groove joints using suitable beads of 20 mm centre to centre. Planks below 12 mm thick will be jointed by beads of suitable diameter.
- (e) All wooden parts to be joined with Tongue & Groove method by providing a coat of wood primer and proper grinding with emery paper to smoothen the surface and then covering the surface with spirit coat or varnish.

8. PLYWOOD

- 8.1 Plywood BWR grade shall be brand Greenply/Kitply/ Anchor/ Century Plywood.
- 8.2 Thickness of plywood and number of ply shall be as shown on drawings, where, however thickness not mentioned on drawings, it shall be 5 ply 6 mm thick. Plywood shall be in one piece and no jointing is permitted.
- 8.3 Where shown on drawings/specified in particular specification the plywood for decorative purposes shall be teak finished on one side only (conforming to IS-1328 of 1982). The grains of veneer portion shall be lengthwise for tops and height wise for sides.

NOTE: Any of the species of timber mentioned under Class I of Appendix in IS-303 will be permitted to use.

PARTICULAR SPECIFICATIONS (CONTD...)**9 MEDIUM DENSITY FIBRE BOARD (MDF BOARD)**

Where block boards are specified /shown on drawings, MDF boards shall be provided. MDF Board shall be of exterior grade BWP type ISI marked and as approved by Engineer-in-charge. The thickness of MDF board, if not shown on drawings shall be 18/19mm. Make : A-1 Boards/Nuw Wood/ Duratuff/ Charminar/Bhutan Board.

9A. PARTICLE BOARDS

9A.1 Particle boards shall be exterior grade conforming to IS-3087-1985, ISI marked. The particle board shall be three layered bonded with phenol formaldehyde synthetic resin. Particle board shall be ISI marked and in one piece without any joints.

9A.2 Irrespective of what is shown on drawing the thickness of particle boards shall be 18/19 mm.

9A.3 The particle boards shall be provided with facing as specified and or shown on drawing. Where, however no facing is specified/shown on drawings, particle board shall be with commercial facing on both sides.

9A.4 Particle board shall be of brand 'Greenply /Kitply / Anchor / Century.

10 STEEL AND IRON WORK

(a) Workmanship shall be of the highest standard. The GE shall be the sole judge to decide as to whether or not the workmanship is of the required standard.

(b) Steel shall be of tested quality conforming to Fe-290 Gde E-165.

(c) All iron and steel work shall be prepared and finished as specified in respective items.

11. SCREWS

11.1 Unless otherwise specified, screws shall be bright (Nettle fold wood screws or other equal and approved nettle fold screws) and shall be of required lengths and gauges, as directed by the Engineer in charge. Brass screws, with copper oxidised finish shall be provided wherever brass articles of iron mongery is specified.

11.2 The minimum dia and length of screws shall be as directed by the Engineer-in-Charge.

11A STEEL FURNITURE

(a) RAW MATERIAL : - CRCA (Cold Rolled and Cold Enameled)Mild Steel of thickness on shown on drawings. If thickness not shown on drawing the same shall be 16 SWG.

(b) WELDING : - MIG, Carbon dioxide and Argon

(c) FINISH :- All Steel members where powder coating has been specified shall be Pre-treated with epoxy polyester powder coating (Black) 70 microns by 7 tank process and Oven Dried with the following specifications:-

(i) Dry film thickness more than 45 microns

(ii) Salt Spray test to with stand more than 1000 hours.

(iii) Adhesion as per DIN 53152 standards.

(iv) Pencil scratch hardness more than 2H.

12. IRON MONGERY FITTING

Provide iron mongery of brass/chromium plated finish/mild steel/aluminium anodised as shown on drawing and specified. The articles of iron mongery shall first be got approved from the GE before incorporation in the work. Where the size of the article has not been mentioned on the drawing or in particular specification it shall be as ordered by Accepting Officer.

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PARTICULAR SPECIFICATIONS (CONTD...)**13. PAINTING****13.1 GENERAL**

- (i) All paints unless otherwise specified shall be of quality not inferior to that specified in the Indian Standard specification.
- (ii) The Contractor shall inform the Garrison Engineer/BSO within two weeks of the acceptance of the tender the names of the manufacturers and brands of paints will be used in the works and submit samples and obtain prior written approval of Garrison Engineer before their use in work.
- (i) Paints for priming coat under coat and finishing coat shall be of the same manufacturers.
- (ii) The whole quantity of paint for the work shall be purchased direct from the approved manufacturers or their approved agents and brought to the site in manufacturers sealed containers and stored properly.
- (v) The paint shall be one of the following make and brand :-

(a)	Shalimar Paints Ltd.	Superlac
(b)	Asian paints.	Apcolite
(c)	Berger paint Ltd.	Luxol
(d)	Jonson Nicholson	Brolac
(e)	Good lass Nerolac.	Nerolac
- (vi) Articles to be painted shall first be passed by the BSO and marked as such before commencement of painting work. Each coat of paint shall be passed by BSO before the next coat is applied.

14. PAINTING TO TIMBER SURFACES

Where painting to timber surfaces is indicated on drawing and/or specified, prepare surfaces and apply one priming coat of wood primer one under coat and one finishing coat of synthetic enamel paint.

15. PAINTING TO IRON AND STEEL WORK

- (a) Where painting to steel and iron surfaces is indicated on drawing and/or specified in particular specifications prepare surfaces and apply one priming coat and under coat being given after fabrication but before assembly and erection.
- (b) Following shall not be painted: - All galvanised iron sheets or galvanised iron articles.
- (c) Priming shall be done in red oxide paints as directed and under coat and finishing coat with synthetic enamel spray paint unless otherwise specified. Tint of paint shall be as approved by BSO. Hidden steel surfaces shall be given a coat of red oxide primer. The paint shall be applied by spray painting.

16. BEES WAX POLISHING

The polish shall be prepared as under:-

“One pound bees wax shall be slowly heated over fire and when melted mixed with 1/18 Gallons of Turpentine oil and 1/12 Gallon of linseed oil”.

Contd.../-

PARTICULAR SPECIFICATIONS (CONTD...)

The surface shall be prepared and polish applied as specified below:-

“Clean surface by sand papers smooth, apply mixtures mentioned above, freely and evenly until no more is absorbed by the wood. Leave over night to allow the mixture to soak into the porous of wood. Wipe out the super flows mixture and finish by rubbing with soft flannel to a uniform gloss. Polishing shall be brisked and prolonged till the surface is glossy and finished to the approval of the Garrison Engineer.

17. FINISHES TO EXPOSED SURFACES

Wherever in particular specifications, Section II (Brief specifications of articles) or in drawings exposed surfaces are mentioned, it shall mean exposed surfaces to view when that articles is placed in its normal position, i.e. bottom side of table tops back side of cupboard drawers etc. shall not be taken as exposed surfaces and these surfaces shall be finished with linseed oil.

18. PREPARATION OF SURFACES AND FINISHES

Contractor's special attention is invited to Clause 21 of IAFW-1815(Z). No article shall be finished unless the article has been passed by the Garrison Engineer as fit to receive the finish. All exposed surfaces of timber shall be made perfectly smooth by rubbing with sand paper to the satisfaction of the Garrison Engineer before applying the finish. Furniture articles shall be brought to store Yard before applying any finish.

19. FRENCH POLISHING

(a) Preparation of surfaces: Remove plane marks with a wood scraper and smoothen surface with sand paper No. F. Fill and stop holes with paste filler prepared by mixing plaster of paris and water to a creamy consistency and adding raw shellac in quantity required to obtain the desired colour to the surface when the surface dries up, super flows filler and set asides 2 hours for surfaces to obtain desired colour. When the colour dries up, wipe of superfluous filler and set aside for 2 1/2 hours until it is smooth and then clear off.

(b) Polishing : Prepare polish with the following ingredients and prescription:-

Prepare a solution for French polish as per IS-348 of 1968. The use of 25% by weight of shellac conforming to IS-16 dissolved in denatured spirit conforming to IS-324 together with alcohol soluble ingredient as may be necessary so as to improve the performance of materials is permissible. Take pad of cotton and enclose the surface along with the grain with light even pressure pad shall not show any signs of sticking, it should be slightly dipped in mustered oil. Continuous rubbing until a thinly coated semiglossy appearance is obtained set

aside for about 2 hours to permit surface coat to harden. Recharge pad as before and apply to the surfaces in circular motion, until the whole surface is covered once over. Charge the pad with methyleted spirit and apply with straight strokes in the direction of the grains until the required gloss to the approval of the BSO is obtained.

Contractor at his discretion may use readymade polish of Make: Kohinoor/Wilson, without any extra cost.

20. PLASTIC LAMINATED SHEETS

These shall be from approved manufacturers. The exact shade/colour shall be as approved by Garrison Engineer. Thickness shall be 1.5 mm as per IS-2046-1969 and shall be glued adhesioned as per manufacturer's direction without air pockets. Sheets shall be in one piece without joints. The grains of the design of the laminated sheet shall be length wise unless otherwise specified and approved. Laminated sheets shall be of brand Formica / Sun Glass / Backlyte Hylum/Sunmica/Eco Board/.

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PARTICULAR SPECIFICATIONS (CONTD...)

21. **EDGING:** Where edging is mentioned on drawings, it shall be 4 mm thick teak wood, unless otherwise specified.
22. **SHOES:** Irrespective of whatever shown on drawings /key specifications all furniture legs shall be provided with hard rubberised shoes in lieu of PVC shoe. The pattern size of shoes and fixing details shall be as directed by BSO. All angle iron/ GI pipe and square pipes legs shall have suitable size round MS sheet of thickness not less than 3 mm welded to angle iron.
23. **STRUCTURAL STEEL:** Where shown on drawings, the structural steel members like angles etc shall be light sections conforming to IS-1977.
24. **ALUMINIUM SECTIONS**
- Where aluminium sections like angles, channel flats and lining are shown on drawings, the thickness shall not be less than 1.00 mm. All aluminium sections shall be fixed to the surfaces by proper wood screws.
25. **PIPE AND TUBULAR SECTIONS**
- (a) Pipes in furniture work shall be as shown on drawing.
- (b) Tubular sections where shown on drawings shall be square or round tube manufactured out of 16 gauges MS sheet unless otherwise shown on drawings/specified and shall be of external size mentioned on drawings.
- (c) Where indicated on drawings, the tube/rods shall be chromium plated/ aluminium plated.
26. **FIXING OF FURNITURES**
- The furniture wherever required to be fixed in the floor/wall etc shall be fixed as shown on drawings and cost of the same including making good shall be deemed to be included in unit rates quoted for the furniture items.
27. **PRELAMINATED PARTICLE BOARDS** : Prelaminated particle board where indicated/shown on drawing shall be three layered medium density exterior grade particle board (Gde-I) bounded with phenol formaldehyde synthetic resin adhesive conforming to IS:14587 and of brand "Greenply/Kitply/ Anchoram/ Century / Novapan/Eco Board/Archid Bd. Colour, Shade, tint and design of the lamination shall be as approved by the Garrison Engineer. Thickness of the board shall be 18/19 mm as indicated on drawing.
28. **CANE WORK**
- (a) Wherever cane work is shown on drawing it shall be carried out with Indian Plastic cane, best quality of Maharashtra plastic Industries, Bombay-1 or National cane (Kachigm- Daman) with one face having oval shape.
- (b) All slats shall be not less than 2 mm width, short lengths shall not be used. All the cane work shall be covered with a band of 3 mm width strand of plastic stat after the wearing is over.
- (c) Method of weaving shall be as per Godrej pattern.

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PARTICULAR SPECIFICATIONS (CONTD...)

29. **U-FOAM**: U Form shall be as shown on drawings. If density not shown on drawing the same shall be of 32 density of make Sleep well, Curlon or any equivalent approved make.

30. **EPF (EMPLOYEES PROVIDENT FUND) CERTIFICATE:**

The contractor shall attach the following certificate in the final Bill:-

“Certified that workers employed directly or indirectly under this Contract are registered for EPF and due contribution have been credited in their account.”

(Signature of Contractor)

Dated: _____

AE (QS&C)
AGE (Contracts)
for Accepting Officer