

MILITARY ENGINEER SERVICES

CWE (ARMY) AHMEDABAD

NAME OF WORK: SPECIAL REPAIR/ REPLACEMENT OF FURNITURE AGAINST
CONDEMNATION AT MILITARY STATION DHRANGADHRA

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Signature of Contractor

DCWE (Contracts)
For Accepting Officer

Tele Civil: (079) 22863702
(Email id: ahbd3-mes@nic.in)

MILITARY ENGINEER SERVICES
Headquarters
Commander Works Engineer (Army)
Hanuman Camp
Ahmedabad – 380 004

87262/ /E8

Aug 2024

M/s -----

**NAME OF WORK: SPECIAL REPAIR/ REPLACEMENT OF FURNITURE AGAINST
CONDEMNATION AT MILITARY STATION DHRANGADHRA**

Dear Sir,

1. Tender documents in respect of above works are forwarded herewith as uploaded on the site www.defproc.gov.in. Tender documents are uploaded in two parts, one being in BOQ format and another in pdf format.
2. Tender/bids will be received online by ACCEPTING OFFICER upto the date and time mentioned on the site. No tender will be received in physical form and any tender received in such manner will be treated as non bonafide tender.
3. Tender/ bids will be opened on due date and time fixed for receipt of tender in the presence of tenderers or their authorised representatives, who have uploaded their quotation bid and who wish to be present at the time of opening the tenders.
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. You are requested not to write piece meal points and forward your points duly consolidated before due date as per NIT.
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 Appx 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 **Commander Works Engineer (Army), Hanuman Camp, Ahmedabad-380004** within time limit specified in NIT. Inadequacy/ deficiency of documents shall make the bid liable for rejection and in such event BOQ shall not be opened.
6. Contractor having not executed standing security bond and standing security deposit in any MES formations 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 before date and 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. Tender/ bid from contractor having not executed standing security bond and standing security deposit in any MES formation shall be accompanied with EARNEST MONEY mentioned in Notice of Tender, failing which the tender will be treated as non-bonafide.
8. Enlisted contractors of MES shall submit the scanned copies (pdf file) of enlistment letter and 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 CWE (A) AHMEDABAD.

9. 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 even if they are received in time.
10. In view of delays due to system failure or other communication related failures, it is suggested that the tender (Cover-I and Cover -II) be uploaded, if necessary, sufficiently in advance of the last due date and time fixed for receipt of the tender.
11. General Conditions of Contracts (IAFW-1815-Z) (1955 Print) and errata and amendments thereto. These are available for perusal in the Office of GE concerned and this office.
12. 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.
13. Incase the BOQ is revised by the department and the bidder has failed to quote in revised BOQ (i.e. he has quoted in previous BOQ), such bid shall be treated as willful negligence by the bidder and his bid shall be non bonafide. In such case the lowest tender shall be determined by the lowest among the valid/ bonafide bids only.
14. Tenderer is advised to cross check his quotation in the BOQ, after uploading and before the Bid closing time & date. If he fails to quote his rate for any item, in terms of condition 4-A of IAFW-1815-Z, his overall quotation shall deem to include cost of execution of these items for the quantity mentioned in the BOQ. No representation on this account shall be entertained.

Yours faithfully,

Signature of Contractor

DCWE (Contracts)
for Accepting Officer

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

1.1 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 concerned.

(b) Receipted Treasury Challan, the amount being credited to the Revenue Deposit of Garrison Engineer.

1.2 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 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 date and time of receipt of the tender. Earnest Money shall be submitted in the name of concerned GE.

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 alongwith technical bid and hard copy before the date and time fixed for opening of BOQ) WILL RENDER THE BID DISQUALIFIED FOR OPENING OF COVER-II (FINANCE BID).

2. PERFORMANCE SECURITY DEPOSIT: -

2.1. Within 28 days of receipt of the letter of Acceptance, 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% of the contract sum:-

(a) A Bank Guarantee in the prescribed form issued by a Nationalized/ Scheduled Indian Bank duly confirmed from the Head Office of the Bank.

(b) Government securities, FDR or any other Government instruments stipulated by the Accepting Officer.

2.2 Blank.

2.3 Blank.

2.4 The period of validity of the Bank Guarantee Bond against Performance Security shall be initially valid upto the stipulated date of expiry of Defects Liability Period as mentioned herein after plus minimum 60 days beyond that. In case final bill is not paid during this period, the contractor shall get the validity of Performance Guarantee extended to cover such enlarged time required for payment of final bill.

2.5 Failure of the successful contractor to deliver the performance security within the prescribed 28 days of receipt of the letter of Acceptance 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 contractor for depositing the amount through MRO. Issue of tender to such contractor shall remain suspended till the aforesaid amount equal to the Earnest Money is deposited in Government Treasury.

INSTRUCTIONS ON FILLING AND SUBMISSION OF TENDER (CONTD..)**3. CONTRACTORS ENLISTED IN MES FORMATIONS OTHER THAN CE SOUTHERN COMMAND.**

- 3.1 Contractors whose names are on the approved list of any MES formation i.e. other than CE Southern Command and who have deposited Standing Security and have executed Standing Security Bond may tender without depositing Earnest Money with the tender.

4 GENERAL INSTRUCTIONS FOR COMPLIANCE.

- 4.1 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. Any tender, which proposes alterations to any of the conditions whatsoever, is liable to be rejected.
- 4.2 Bids shall be uploaded on 'defproc.gov.in' portal on or before the bid closing date mentioned in the tender. No tender/ bid in physical form or any other form like email/ fax/ by hand/ through post will be considered.
- 4.3. Tender/ Bid should be DIGITALLY signed using valid DSC. All pages of tender documents, drawings, corrections and alterations etc. shall be signed/ initialed by the lowest bidder after acceptance.
- 4.4 In case the BOQ is revised by the department and the bidder has failed to quote in revised BOQ (i.e. he has quoted in previous BOQ), such bid shall be treated as willful negligence by the bidder and his bid shall be non bonafide. In such case the lowest tender shall be determined by the lowest among the valid/ bonafide bids only.
- 4.5 The tender shall be signed, dated and witnessed at all places provided for in the documents after acceptance. All pages of tender documents, corrections/ alterations and amendments issued and uploaded as corrigendum shall be signed/ initialed by the tenderer after acceptance. Contractor shall also sign all drawings forming part of the tender.
- 4.6 In 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 of partnership concern or a limited company, 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. An 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 signing the tender on behalf of another partner(s) or on behalf of a firm or company shall attach 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 by 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.
- 4.7 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 tenders/ bids are being uploaded/ signed by such person as a routine, fresh Power of Attorney duly executed in his favor 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 submitted 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.
- 4.8 Hard copies of all above documents should be sent by the contractor to the Tender issuing authority well in advance to be received before the date & time fixed for the same.
- 4.9 Bid shall be uploaded online well in time.

INSTRUCTIONS ON FILLING AND SUBMISSION OF TENDER (CONTD...)

- 4.10 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).
- 4.11 The tenderer shall quote his rate on the BOQ file only. No alteration to the format will be accepted and the bid with any alteration will be disqualified and summarily rejected.
- 4.12 In case the tender has to revise/ modify the rates quoted in the BOQ (excel sheet) he can do so only in the BOQ, through defproc.gov.in site only before the bid closing date & time.
- 4.13 **Tenderer is advised to cross check his quotation in the BOQ, after uploading and before the Bid closing time & date. If he fails to quote his rate for any item, in terms of amendment No 21 (c) (ii) to condition 6-A (A) of IAFW-2249, his overall quotation shall deem to include cost of execution of these items for the quantity mentioned in the BOQ. No representation on this account shall be entertained.**

5. **C P M (Critical Path Method):**

- 5.1 The project planning for work covered in the scope of tender is based on CPM.
- 5.2 The tenderer 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 may make use of.
- 5.3 The tenderer'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 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 before due date & time of submission of tender. The tenderer is requested to read the tender documents in conjunction with the errata/ amendments/ corrigendum, if any, issued by the department.
- 5.5 The tenderer will not make, of the own, any alteration in tender documents issued to him by the Department. In this connection tenderers special attention is drawn to Para 8 of notice of tender. It is expressly brought to the notice of the tenderers that if he makes any alteration in tender documents and does not specifically bring out the alteration to the notice of the Accepting Officer, through a letter along with the tender and his tender is accepted by the Accepting Officer, the alteration(s) made by the tenderer shall be deemed to become null and void and the original provisions in the tender documents as originally made by the department or amended subsequently through amendments to tender documents issued by the department shall hold good and the contractor will not have any claim on this account.
- 5.6 In the event of any bidder revoking his offer or revising his rates upward/ offering voluntary reduction, after opening of cover-II, 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 for depositing the amount through MRO. Bids of such contractor/ Bidders shall not be opened by any other MES formation till the aforesaid amount equal to the earnest money is deposited in Govt Treasury. In addition, bids of such tenderer and his related firm shall not be opened in second call or subsequent calls. Reduction offered by the tenderer on the freak high rates referred for review shall not be treated as voluntary reduction.
- 5.7 These instructions shall form part of the contract documents and shall be signed and returned along with the tender.

Signature of Contractor

**DCWE (Contracts)
For Accepting Officer**

MILITARY ENGINEER SERVICES
NOTICE OF TENDER (NOT)

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 but in case of term contracts, contractors of categories SS to E may tender. 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 without depositing Earnest money along with the tender. Not more than one tender shall be submitted 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 for the same contract as separate competitors. A breach of this condition will render the tenders of both parties liable for rejection.
5. The Office of Commander Works Engineer(A), Hanuman Camp Ahmedabad-38004 will be the Accepting Officer here in after referred to as such for purpose of the contract.
- 5A. The Tenders/bids shall be uploaded on the eprocuremes.gov.in site in two packets i.e the Technical Bid and Financial Bid upto the last date & time of submission of bids indicated in **NOT** therein. Bids shall be opened at time & date mentioned on **www.defprocure.gov.in**.
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 encasing 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.defprocure.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-1 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 concerned CWE/GE (see Appendix „A“) by a scheduled Bank or in receipted treasury Challan the amount being credited to the revenue deposit of the concerned CWE/ GE (see Appendix „A“)
- 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.

Signature of Contractor

For Accepting Officer

6.4 ---BLANK---

6.5 The CWE AHMEDABAD will return the Earnest Money whatever applicable to all successful 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.

6.6 The CWE/ GE will either return the Earnest Money to the successful tenderer/bidder by endorsing an authority on the deposit at call Receipt/ CDR/ FDR for its refund on receipt of an appropriate amount of Security Deposit or will retain the same in part or full on account of security deposit if such a transaction is feasible.

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 and concerned GE during working hours.

6.8 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.

6.9 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.

6.10 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.

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

6.12 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 eprocuremes website. The applicant contractor/bidder if he so desires may appeal to the next higher Engineer authority viz **CE JODHPUR ZONE JODHPUR** on email id **cezjp2-mes@nic.in** with copy to the Accepting Officer on email **ahbd3-mes@nic.in** 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.

6.13 The Accepting Officer reserves the right to accept a tender submitted by a Public Undertaking, giving a price 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 from such tenderer/bidder whose tender/bid is rejected.

6.14 Accepting Officer does not bind himself to accept the lowest or any tender/bid or to give any reason for not doing so.

Signature of Contractor

for Accepting Officer

APPENDIX “A” TO NOTICE OF TENDER

1	Name of work	<u>SPECIAL REPAIR/ REPLACEMENT OF FURNITURE AGAINST CONDEMNATION AT MILITARY STATION DHRANGADHRA</u>									
2	Estimated Cost	Rs 7.43 Lakhs									
3	Period of completion	120 days from the date of handing over site as indicated in work order No 1									
4	Cost of tender documents	Rs 500.00 in the shape of DD/ Bankers cheque from any schedule Bank in favour of GE (A) Gandhinagar and payable at Gandhinagar									
5	Website/ portal address	www.defproc.gov.in									
6	Type of contract	The tender shall be item rate contract based on IAFW-1815-R & GCC (IAFW-1815-Z) with list of works to be quoted by the contractor.									
7	Time line details	Refer critical date on the website									
	(a) Bid submission start date										
	(b) Bid submission end date										
	(c) Date of bid opening										
8	Eligibility Criteria										
	(a) For MES enlisted contactor	Contractors shall be enlisted with MES in Class “E” and above, 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 contractor not enlisted with MES	<p>(i) The firms not enlisted with MES shall meet the enlistment criteria of ‘E’ Class & ‘d (i)’ categories contactor with regarded to satisfactory completion of requisite valve with central/ State Government/ Central/ State PSUs/ AWHO/ AFNHB/ CGEWHO/ DG MAP, annual turnover, bank solvency, working capital, and other requirement given in Para 1.4 &1.5 of section 1 of MES manual of contacts 2020 as applicable in all MES formation as well as MES website(www.mes.gov.in) The details of criteria for enlistment is as per Annexure A to this appendix</p> <p>(ii) Not carrying adverse remark in Work Load Report (WLR) or any other report circulated by any competent authority, if already working in MES</p> <p>(iii) Not suspended/ debarred/ blacklisted (either permanently or temporarily) from participating in any bid or for business dealing by any central/ State Government Department or any Central/ State Government PSU or any Autonomous Body under Central/ State Government or any Local Body as on the bid submission end date.</p> <p>“(iv) Details of works completed and under progress in MES be submitted in the following format:-</p> <table><tr><td>Srl No</td><td>CA No & Name of Work</td><td>Value of CA</td><td>Date of Commence-ment</td><td>Date of Completion</td><td>Extended date of completion</td></tr></table> <p>(v) Un-enlisted contractor who have secured two works in MES should get themselves registered in the appropriate designated class with any Registering Authority, else the firm will not be eligible for participation in the tender unless until the firm is enlisted with the MES.”</p>				Srl No	CA No & Name of Work	Value of CA	Date of Commence-ment	Date of Completion	Extended date of completion
Srl No	CA No & Name of Work	Value of CA	Date of Commence-ment	Date of Completion	Extended date of completion						
	(c) Technical PQC criteria	NA									

APPENDIX “A” TO NOTICE OF TENDER (CONTD---)

9.	Tender issuing and Accepting Officer	CWE (Army) Ahmedabad Hanuman Camp, Shahi baug Ahmedabad Tele-07622863701 Email:- ahbd3-mes@nic.in
10.	Executing Agency	GE (A) Gandhinagar
11.	Earnest Money	Rs. 14,900/- in favour of GE (A) Gandhinagar
Note:-		
1.	In case after opening of Cover 1, the number of MES enlisted contractors of eligible class as well as eligible un-enlisted contractors, 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 be considered subject to fulfillment of other eligibility criteria given in the NIT. 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 FIVE TIMES their present t e n d e r i n g limit. However, in case such contractors fulfil 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-1 bid details related to residual work in hand like details of works in hand showing names of work, names of Accepting Officers, Contract amounts, dates of commencement and completion (stipulated) and progress as on bid submission date. Such contractors, if claim to fulfil 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.	
2.	In case after opening of Cover I, 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 up gradation in respect of past experience of completed works (individual work experience and/ or average annual turnover as applicable) and financial soundness (solvency/ financial soundness and working capital) as per details given in Manual on Contracts. Therefore, such contractors shall upload the requisite in formation/ documents in the Cover-I.	
3.	Unenlisted 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 nationals having taken foreign citizenship, as director (s) shall be considered subject to security clearance from the concerned authorities.	
4.	Contractors enlisted with MES will upload following documents in Cover I for checking eligibility:- (a) Application for tender on Firm's letterhead. (b) Enlistment letter issue d by the Registering Authority duly renewed for the cycle period in vogue. (c) 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. (d) Any other document required as described in this Appendix.	
5.	Contractors not enlisted with MES will be required to upload following documents in Cover I for checking eligibility. (a) Application for tender on Firm's letterhead. (b) Scanned copy of DD/ Bankers cheque toward cost of tender and Earnest Money Deposit (EMO) instrument.	

APPENDIX “A” TO NOTICE OF TENDER (CONTD---)

	<p>(c) 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.</p> <p>(d) All documents required for enlistment in MES for the class mentioned in Para 8 (b) above as per Para 1.5 of Section I of MES Manual on Contracts 2020.</p> <p>(e) Details of works being executed in MES, if any.</p> <p>(f) Any other document required as described in this Appendix.</p>
6.	Tenders not accompanied by scanned copies of requisite DD/ Bankers Cheque towards cost or 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.
7	<p>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 (*The number or days to be mentioned shall be as decided by the Accepting Officers. but it shall not be less than 5 days) failing which following action shall be taken.</p> <p>(a) In case of tenders from an enlisted contractor of MES, 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 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 (Cover 2).</p> <p>(b) 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).</p> <p>(c) 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 I but the same are not received in physical form within stipulated period, such tenders shall not qualify for opening of financial bid (Cover 2).</p>
8.	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.
9.	After opening of Cover I and during its technical evaluation, in case any deficiency is noticed in the documents required to be uploaded by the tenderers as per NIT, a communication in the form or email/ 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 be opened and contractor shall not have any claim on the same.

APPENDIX “A” TO NOTICE OF TENDER (CONTD/-....)

10	Invitation fore-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 applicant/ 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) i.e. Chief Engineer Jodhpur Zone, Jodhpur on email cezjp2-mes@nic.in . Chief Engineer Jodhpur Zone with the copy to the Accepting Officer i.e. Commander Works Engineer, Hanuman Camp, Ahmedabad – 380 004 on email ahbd3-mes@nic.in before the scheduled date of opening of Cover 2. NHEA shall decide the matter within a period of seven working days from the 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.
11	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.
12	In case the BOQ is revised through the corrigendum and the bidder has failed to quoted on revised BOQ (i.e. he has 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.
13	Revoking the offer or revising 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, Earnest Money deposited by him shall be forfeited. In case of MES enlisted tenderer having deposited the Standing Security Bond, an amount equal to the earnest money stipulated in the NIT, shall be notified to the tenderer for depositing through MRO and consideration of 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.
14	Tender to related firms shall not he 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.
15.	Blank.

Signature of contractor

(P K Meena)
EE (QS&C)
DCWE (Contracts)
for Accepting Officer

File No 87262/ /E8

Date Aug 2024

Address of Accepting Officer
HQ Commander Works Engineer (A)
Hanuman Camp
Ahmedabad - 380004
Email: ahbd3-mes@nic.in

IN LIEU OF IAFW-1779-A (REVISED-1947)

(TO BE USED IN CONJUNCTION WITH GENERAL CONDITION OF CONTRACTS
IAFW-1815-Z STORES AND MATERIAL TO THE MILITARY ENGINEER SERVICES)

Tele Civil: (079) 22863702
(Email id: ahbd3-mes@nic.in)

MILITARY ENGINEER SERVICES
Headquarters
Commander Works Engineer (Army)
Hanuman Camp
Ahmedabad - 380004

87262/

/E8

Aug 2024

**ITEM RATE TENDER AND CONTRACT FOR “SPECIAL REPAIR/ REPLACEMENT OF
FURNITURE AGAINST CONDEMNATION AT MILITARY STATION DHRANGADHRA”**

1. Shri/ S” Shri of is/ are hereby authorized to tender for the above work. The tender is to be forwarded on **defproc.gov.in** portal on or before the **scheduled date and time for bid closing** mentioned in the tender details on the portal.
2. All documents must be uploaded while forwarding the bid on abovementioned portal.
3. Any correspondence on clarification concerning this tender shall be communicated as per information available on the e-portal mentioned above by due date.
4. **THE PRESIDENT OF INDIA DOES NOT BIND HIMSELF TO ACCEPT THE LOWEST OR ANY TENDER.**
5. **The accepting officer reserves his right to accept the tender in parts or as a whole.**

Signature of Officer
Issuing the documents
Appointment
DCWE (Contracts)

SCHEDULE 'A' NOTES

NOTES

1. **SCOPE OF WORK.** This contract covers for all items of works described in Scheduled 'A'. The broad scope of work is manufactured & supply of furniture items as indicated in Sch 'A' Part-I (Wooden Furniture) & Sch 'A' Part-II (Steel furniture).

SPECIAL REPAIR/ REPLACEMENT OF FURNITURE AGAINST CONDEMNATION AT MILITARY STATION DHRANGADHRA. JOB NO. 03/SR/FUR/192 FD REGT/2023-24.

AUTH: A/A issued vide Stn HQ Dhrangadhra letter No 4012/Wks/03/2023-24 dt 21 Feb 2024 for amount Rs. 7.98 Lakhs.

2. The description of the items of this Schedule be read in conjunction with the Drawing particular specifications/key specification. Special conditions and General condition of contracts (IAFW-1815Z).
3. Unless otherwise specifically mentioned in the description of respective items the unit rates to be quoted by tenderer shall be for material and labour complete.
4. All items of works together with quantities in respect of Schedule 'A' are provisional.
5. The quantities given in Column 3 are approximate and are inserted as a guide only. They shall however not be varied beyond the limits laid in condition 5 of IAFW-1815Z, General condition of Contracts.
6. The tenderer shall quote "unit Rate" in figure only.
7. Tenderers quoted rates against all items of Scheduled 'A' shall be deemed to include for manufacturer and supply of furniture items complete in all respects inclusive of labour, materials, equipments, plant and transport etc as required in preparation/ manufacture of articles, delivery and stacking thereof at the furniture yard of BSO, GE/ MES furniture yard. The Govt will not entertain any claim what so ever on account of in accuracy/ misunderstanding if any in the unit rate quoted by the tenderer.
- 8 All sizes given for various items in schedule 'A' or drawings are in millimeter unless otherwise specified and sequence on measurement shall be as shown in drawings.
9. The tenderers quotation shall include all statutory levies/ duties/ Octroi, labour welfare tax, including sales tax on works contracts Value Added Tax etc as applicable.
10. Form 31 shall be issued by the GE to the contractor (when demanded by the contractor) for interstate movement of the furniture under this contract.
11. **PERIOD OF COMPLETION.** The period of completion as a whole as 120 days. The period of completion shall be as under:-
- | | | | |
|-----|--|---|----------|
| (a) | Schedule 'A' Part-I (Wooden Furniture) | - | 120 days |
| (b) | Schedule 'A' Part-II (Steel Furniture) | - | 120 days |
| (c) | Combination of above two parts | - | 120 days |
- (Note: the time taken by the contractor in producing the samples & getting them approved by GE and finalization of BOO shall be deemed to be included in the period of completion).
12. Sch 'A' (BOQ) has been divided into two parts i.e. Sch 'A' Part-I (Wooden items) & Sch 'A' Part-II (Steel items). The accepting officer reserves his right to accept the tender in parts or as a whole.

SCHEDULE 'A' NOTES (CONTD...)

13. **SCHEDULE OF SUPPLY.** Tenderers to note that immediately on receipt of work order, schedule of supply for various items shall be worked out in consultation with GE and contractor. Contractor to take prior approval of GE before dispatch to any furniture articles. The Schedule of supply as decided by GE shall remain binding on the contractor who cannot claim any extra on this account.

14. If contractor does not quote his rate against any item or 'NQ' appears in rate/ amount column, then it shall be deemed that rate quoted in Rupees Zero i.e. the contractor intends to execute the particular item at no cost basis (free of cost) to the Govt. Items and their quantities for which no rates or prices have been quoted shall be deemed to have been covered by the rates and prices quoted for the other items of bills of quantities. Hence contractors are requested to thoroughly check their quoted rates before submitting bid online. No representation by the contractor on this matter shall be entertained by the department in the matter.

15. The following shall be ensured :-

- (a) Manufactures shall be required to submit the address of the premises where the furniture under the contract shall be manufactured.
- (b) Furniture shall be manufactured in main manufacturer's premises/ factory and not in any dealers premises.
- (c) Furniture and manufacturing materials shall be inspected by Engr-in-Charge/ BOO at difference stages of manufacturing in the premises/ factory of main manufacturer, PMG will be involved for better quality control.
- (d) Furniture items shall bear the factor's name and lot number of the manufacturer.
- (e) Chillian's, bills shall be given by main manufacturer.

Signature of Contractor

**DCWE (Contracts)
For Accepting Officer**

SCHEDULE 'B'

ISSUE OF MATERIALS TO THE CONTRACTORS
(See conditions 8. 10, 12 and 19 of IAFW – 1815-Z

SI No	Particulars	Rate at which stores will be issued to the contractor		Place of issue (by name)	Remarks
		Unit	Rate		

----- NIL-----

Signature of Contractor
Dated :

DCWE (Contracts)
For Accepting Officer

TENDER

To,

The President of India,

Having examined and perused the following documents: -

1. Specifications signed by DCWE (Contracts).
2. Drawings detailed in the specifications.
3. Schedule 'A' and 'B' attached hereto.
4. General conditions of Contracts IAFW-1815 Z [1969 Print] together with Errata 1 to 32 and Amendments 1 to 41 and Schedule of Minimum Wages.
5. Should this tender be accepted.

I/ WE AGREE:-

* (a) "That the sum of **Rs. 14,900.00** or be refunded by the Government on receipt of an appropriate amount of Security Deposit, within the time specified as per condition 15 of IAFW-1815 Z.

*(b) To supply to the extent to which my/ our tender may herein be accepted upon the terms and conditions contained or referred to in the said documents and at the price or prices quoted by me/ us in schedule 'A' here to such of the stores and materials listed therein as may be required and demanded of me/us during the period of completion commencing from the date of order to supply indicated in work order and in respect where of my/our tender may herein be accepted. I/ we further agree that any condition of sale or contract or general reservations which may be printed or written on any correspondence, delivery notes, invoices, etc submitted by me/ us in conjunction with the contract shall not be applicable hereto and to refer all disputes, as required by condition 37 of General conditions of contracts IAFW-1815Z to the sole arbitration of an Engineer Officer to be appointed by Chief Engineer Jodhpur Zone or in his absence the officer officiating as Chief Engineer Jodhpur Zone whose decision shall be final, conclusive and binding.

(c) Any supply being manufacture under the provision of this contract will be available for inspection at the premises of store yard situated at BSO Yard of **GE (A) Gandhinagar.**

* Delete whichever not applicable.

Signature of Contractor

Dated:

Brought forward from SI page No _____ for _____ Rupees _____
_____)

Signature_____ (Name)_____in capacity
of _____duly authorized to sign the tender for and on behalf of
M/s _____(Block letters)

Dated : _____

Witness _____	Postal address and telephone No _____
Address _____	_____
_____	_____

ACCEPTANCE

_____ alterations have been made in these documents and as evidence that these alterations were made before the execution of the Contract Agreement these have been initiated by the contractor and Mr P K Meena, DCWE (Contracts). The said officer/ officers is/ are hereby abricatio 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 in respect of part No. _____of BOQ attached hereto at the price quoted therein on_____day of _____2024.

Signature _____dated this _____day of _____2024.

Appointment:
Col
CWE AHMEDABAD
ACCEPTING OFFICER
(FOR AND ON BEHALF OF THE PRESIDENT OF INDIA)

GENERAL CONDITIONS OF CONTRACTS – IAFW-1815 Z (1969 PRINT)

**© SUPPLY OF STORES AND MATERIALS TO THE
MILITARY ENGINEER SERVICES**

A copy of the GENERAL CONDITIONS OF CONTRACTS – IAFW 1815 Z (1969 Print) with errata 1 to 32 and amendment No. 1 to 41 has been supplied to me/ us, has been perused by 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 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 1815Z (1969 Print) including condition 37 thereof pertaining to settlement of disputes by arbitration, containing 21 pages (Serial Page No 19 to 39) with errata 1 to 32 and amendment Nos.1 to 41 (Serial Page No. 40 to 51) form part of these documents.

(SIGNATURE OF CONTRACTOR)
Dated :

EE (QS&C)
DCWE (CONTRACTS)
FOR ACCEPTING OFFICER

SCHEDULE OF MINIMUM FAIR WAGES

It is hereby agreed that the ‘Schedule of Minimum Fair Wages’ as published vide Government of India Notification (applicable wef 07.10.98) forms part of these tender documents. My/ Our signature hereunder amounts to my/ our having read and understood the provisions contained therein and I/ We agree that I/ We shall abide by the same and that aforesaid documents form part of this tender. (Serial Page No 52 to 57)

(SIGNATURE OF CONTRACTOR)
Dated :

EE (QS&C)
DCWE (CONTRACTS)
FOR ACCEPTING OFFICER

SPECIAL CONDITIONS**1. GENERAL**

1.1 The following special conditions shall be read in conjunction with the General Conditions of Contracts, IAFW-1815-Z (1969 Print) and IAFW-1815 (R) including Errata/ Amendments thereto and IAFW-1815 (c). If any provision in these special conditions is at variance with that of the aforesaid documents, the former shall be deemed to take precedence there over.

2. SAMPLES OF FURNITURE.

2.1 Immediately after the work order is placed, the contractor shall prepare a sample of each type of article of furniture where quantity of more than two pieces are to be supplied under this contract and bring to the place of delivery for approval of GE. The approved samples shall be signed by the contractor and GE shall be kept in the furniture store yard. Supply shall be made strictly in conformity with the approved samples.

2.2 Any sample submitted by the contractor shall be clearly labeled with name of the contractor, the contractor number and the description of serial number of the item as shown in Schedule 'A'. Approved samples shall, on the completion of delivery, be allowed to count against the supplied and payment will be made for the same.

2.3 The time taken to produce the sample is included in the completion period of the contract.

2.4 **SAMPLES OF MATERIAL.** Contractor shall produce the samples of all materials to be incorporated in the work to GE for approval before going for production of furniture sample.

3.0 SECURITY AND PASSES.

3.1 The contractor shall employ only Indian Nationals as his representative, servants and workmen 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 contractor shall furnish full particulars to this effect to the Accepting Officer at the time of submission of his tender.

3.2 The contractor shall, on demand b the Engineer-in-Charge, submit list of his agents, employees and work people concerned and shall satisfy the Engineer-in-Charge as to the bonafide of such people.

3.3 The Engineer-in-Charge shall at his discretion have the right to issue passes as per rules and regulations of the installation/ Area in force to control the admission of the contractor, his agents, employees and work people to the site of the work or any part thereof. Passes should be returned at any time on demand by the Engineer-in-Charge or the authorities concerned and in any case on completion of work.

3.4 The contractor and his agents, employees and work people shall observe all the rules promulgated by the authority controlling the installation/ area in which the work is to be carried out e.g. prohibition of smoking and lighting, fire precautions, search of persons on entry and exit, keeping to specific routes, observing specified timings etc. Noting extra shall be admissible for any main hours etc. lost on this account

4.0. INSPECTION OF CONTRACTORS WORKSHOP.

4.1 The Engineer-in-Charge/GE from time to time more particularly at the following stages will inspect the furniture in the process of manufacturing in the contractor's workshop.

- (a) When materials are cut to size, and made ready for framing.
- (b) When an article is ready in all respects.

SPECIAL CONDITION (CONTD.....)

4.2 Such inspection or approvals at initial stage or omissions of any such inspection at all or any stage shall not absolve the contractor of the responsibility to provide the furniture in accordance with the contract specifications and drawings and with the approved samples.

4.3 If the contractor's workshop is situated away from place of delivery viz, MES yard or in an out station where it may not be possible for the Engineer-in-Charge/ GE to visit frequently the contractor shall make the articles to the place of delivery or the contractor shall make the arrangement for conveyance to inspect by the Engineer-in-Charge or GE as and where required.

5.0 LABELLING TO ARTICLES OF FURNITURE.

5.1 All articles of furniture manufactured by the contractor under this contract shall be Identified by means of neat label (with the prior approval of GE indicating the name of the firm and contract number which shall be fixed in obscure place on each article of furniture.

6.0 DIMENSION AND SIZES.

6.1 Dimension and sizes shown on the drawings are to the finished sizes and no tolerance will be allowed.

7.0 INSPECTION OF PLACE OF DELIVERY AND CONTRACT DOCUMENTS.

7.1 For the purpose of inspection of place of delivery and relevant documents other than those attached herewith the contractor is required to contract GE who will give all facilities for the same.

8.0 STORES AND MATERIALS.

8.1 Refers condition 8 of IAFW 1815 – Z. The contractor shall obtain stores and materials from the sources/ firms specified in the contract or the firms approved by GE or in lieu of through their abricatio agents only. As a proof that the contractor has actually brought the materials from the abricatio firms, he shall produce a letter for the information of GE from their abricatio agents showing quality and quantity of materials to satisfy the GE that the materials comply with the contract specifications.

9.0 SIGNING OF CONTRACT DOCUMENTS.

9.1 The person signing the tender on behalf of another or on behalf of a firm shall attach with the tender documents a proper power of attorney duly executed to his favour by such person or by persons or by all the partners of the firm as the case may be in all matters pertaining to the contract including arbitration clause.

10.0 PERIOD FOR KEEPING THE TENDER OPEN.

10.1 The tender shall remain open for acceptance for a period of **60 (SIXTY)** days from the date which the tenders are due to be submitted.

11.0 ISI CERTIFICATE MATERIALS.

11.1 Proprietary materials bearing ISI certificate marking will be given preference over the non certified goods even though the manufacture's of the latter materials claim that the products confirm to ISI specified.

12. ACCEPTANCE OF ARTICLES.

12.1 The contractor is required to move the furniture to the MES furniture yard at GE, complete in all respects for acceptance. Rejected articles shall be removed from the yard immediately. The contractor has to make his own arrangements for storage of the rejected articles and carry out necessary rectification defects.

SPECIAL CONDITION (CONTD.....)**13.0 SAMPLE OF MATERIALS.**

13.1 Materials provided by the contractor for incorporating in the works shall unless otherwise specified in the particular specifications be ISI marked. IS means Indian Standards as issued by the "Bureau of Indian Standards". Wherever in the specifications 'IS' is referred to, it means the edition with all amendments current on the due date of receipt of the tender documents.

13.2 The tenderer is advised to inspect other materials, which are displayed in the office of GE before submitting his tender. The tenderer shall be deemed to have inspected the samples and satisfied himself as to the nature and quality materials, he is required to incorporate in the work irrespective of whether he has actually inspected them or not. The materials to be incorporated in the work by the contractor shall be ISI marked or shall be equal or superior in quality to sample displayed and shall comply with the specifications given hereinafter.

13.3 The contractor shall not procure materials unless the samples are first got approved by the Garrison Engineer.

14. INDIAN STANDARDS.

14.1 Wherever reference is made to any IS in the Particular Specifications or on the drawings, it means the edition with all amendments current on the due date of receipt of the tender documents.

14.2 Any provision contrary to these in the documents forming part of tender shall deemed to be amended.

15.0 MEASUREMENTS. (Reference condition 31 of IAFW – 1815- Z).

15.1 The contractor shall maintain in measurement book / books similar to IAFW-2261 for the work and shall also be recorded in IAFW-2261. The work shall also be simultaneously recorded in the contractor's measurement book which shall be signed and dated by both the Engr-in-Charge and contractor. This is to enable the contractor to prepare his own abstracts and submit the final bill.

16.0 SECURITY OF CLASSIFIED DOCUMENTS.

16.1 Contractor's special attention is drawn to conditions 3 of IAFW – 1815 – Z (General Conditions of Contracts). The contractor shall not communicate any classified information regarding the work either to subcontractors or others without the prior approval of the Engineer-in-Charge. The contractor shall also not make copies of the design/drawings and other documents furnished to him in respect of the work, and shall return all documents on completion of the works or earlier on determination of the contract. The contractor shall along with the final bill, attach a receipt of his having returned the classified documents as per condition 3 of IAFW – 1815 – Z (General Conditions of Contracts).

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

17.1 (a) The rates quoted by the contractor shall be deemed to be inclusive of all taxes (including GST, Sales Tax / VAT on materials, Sales Tax / VAT on Works Contracts, Turnover Tax, Service Tax, Labour Welfare cases/ tax etc.) duties, Royalties, Octroi & other levies payable under the respective Statutes. No reimbursement/ refund for variation in rates of taxes, duties, Royalties, Octroi & other levies and/ or imposition/ abolition of any new/ existing taxes, duties, Royalties, Octroi & other levies shall be made except as provided in sub paras 17.1 (b) (i) to (iv) here-in-below:-

SPECIAL CONDITION (CONTD.....)

- 17.1 (b) (i) The taxes which are levied by Government at certain percentage rates Contact Sum/ amount shall be termed as "taxes directly related to Contract value" such as GST, Sales Tax/ VAT 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 of receipt of tenders. Any increase in percentage 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 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 Government/ deducted by the Government 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 Government/ deducted by the Government 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 contractors shall submit the other documentary proof/ information 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 Government, 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 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 Government, without getting the same adjusted against any other tax liability or without getting the same refunded from the concerned Government Authority and submits documentary proof for the same as the GE may require.

18. PLACE OF DELIVERY.

18.1 Delivery of articles of furniture under Sch 'A' will be made at the MES furniture store yard of **GE (A) Gandhinagar at Dhrangadhra.**

19. SAMPLES OF MATERIALS.

19.1 Within the reasonable time from the date of commencement, the contractor shall produce a sample of each materials required for manufacturing the furniture in accordance components with the contract drawings and specification and get and get it approved by the GE/ AGE (I) before proceeding with manufacture of furniture.

19.2 The time specified to produce the samples shall be got against the period of completion stated in the work order.

19.3 The contractor is advised to inspect samples of the following materials before submitting his tender. He will be deemed to have full knowledge thereof whether he inspects them or not. These samples are displayed in the office of the Garrison Engineer/ AGE (I) and shall remain open for inspection during office hours on week days. The materials is to be provided by the contractor must strictly conform to these samples:-

SPECIAL CONDITION (CONTD.....)

- (i) Teak wood (1st class hard wood).
- (ii) Rose wood (Cedar)
- (iii) Particle Board-commercial and veneered.
- (iv) Metal Label.
- (v) MS sheet.
- (vi) Foam.
- (vii) MS flat/ Angle.
- (viii) Moulded Rubber.
- (ix) Resin.
- (x) Aluminium channel.
- (xi) Tapestry.
- (xii) Brass tubing.
- (xiii) Glass plain & tinted.
- (xiv) Green baize cloth.
- (xv) Soft board 10mm thick.

19.4. REFER CONDITION 08 OF IAFW-1815-Z:-

19.4.1 The successful tenderer shall produce within reasonable time, as decided by the BSO, samples of all the materials required to be incorporated in the work as listed in special condition 2 (a) for approval by the GE/ AGE (I) and shall deposit the approved samples with GE/ AGE (I) suitably labelled and signed by both the parties. The samples shall become the property of the Govt and no extra payment shall be made to the contractor for the same. Approved and labelled samples shall be preserved by GE/ AGE (I).

19.5 The contractor shall ensure that the materials incorporated for the manufacture of furniture strictly conform to or are superior in quality than the approved samples.

19.6 Furniture shall be manufactured strictly in accordance with the approved samples. The samples shall be adjusted against the supplies to be made under the

20. ISI SPECIFICATION.

20.1 Materials provided by the contractor for incorporation in the works shall, unless otherwise specified in the particular specification, comply with requirements of the relevant Indian Standard Code (Latest edition).

20.2 The contractor may however, at his own discretion provide and incorporate materials in the works complying in the requirement of any corresponding subsequently amended or revised edition of the IS without any adjustment of the contractor sum.

21. SAMPLES FOR FURNITURE.

(a) The intending contractor is advised to inspect the sample of furniture which have been displayed in the furniture yard of GE/ AGE (I) to ascertain the minimum acceptable standard of workmanship and finishes before submitting his tender.

(b) On approval of the samples of materials and before the contractor commences bulk supplies of furniture, the contractor shall indicate in writing the programme of supply proposed by him and obtain the approval of GE/ AGE (I) for sample items of furniture, thereto. Before affecting bulk supplies the contractor shall produce a sample of each furniture items sufficiently in advance in the approved programme and bring it to the place of delivery mentioned in these tender documents in an unpolished/ unfinished stage for approval.

SPECIAL CONDITION (CONTD.....)**NOTES:-**

(i) The approved samples of each furniture item shall be levelled and signed by both the contractor and the GE/ AGE (I) and kept in the furniture yard. All supplies of furniture shall be made strictly in conformity with the approved samples. The samples will be adjusted against the bulk supplies to be made under the contract.

(ii) Samples shall be manufactured strictly in conformity with the contract drawings and specifications using materials approved by GE/ AGE (I) vide para 2 (b). Final finishing treatment such as polishing, painting etc shall not be carried out to the samples at the time of submission of approval by Board of Officer. However, finishing treatment as specified shall be carried out when so ordered by the Board of Officers nominated by the Accepting Officer for approval of bulk supply of furniture.

(iii) The time taken to produce samples shall be set off against the completion period of the contract.

22. INSPECTION OF CONTRACTORS WORKSHOP.

The BSO will from time to time more particularly at the following stages inspect the furniture in the process of manufacture in the contractor's workshop:-

- (a) As soon as the materials brought to workshop.
- (b) Before framing.
- (c) After fabricating but before polishing/painting.
- (d) After polishing/ painting but before delivery.

23. BRANDING AND MARKING OF FURNITURE.

All furniture manufactured by the contractor shall be identified by means of a metal label of approximate size 5 cms x 2 cms, as approved by the GE/ AGE (I) indicating the name of firm and the contract number and year which shall be screwed in a place as directed in each furniture item.

24. DIMENSIONS AND SIZES.

Dimensions of timber shown on respective drawings indicate finished sizes /dimensions and no tolerance therein shall be allowed except for the following:-

- (a) Members 25mm and above in thickness/ diameter 1.0mm
- (b) Members less than 25mm thick/ diameter - No tolerance.

25. STORES AND MATERIALS OF PROPRIETARY NATURE.

(a) Refer conditions of IAFW-1815-Z. The contractor shall obtain stores and materials of proprietary nature from the firms where so specified in the contract or from the firm approved by the GE/ AGE (I) that materials/work comply with the contract specifications. These vouchers shall be endorsed dated and initialled by the Engineer-in-Charge giving the contract number and name of work and a certificate copy of each such voucher signed by the BSO shall be kept on MES record. Materials for which the contractor is unable to produce authentic vouchers shall be rejected.

(b) The contractor shall ensure that the materials packed in original sealed containers/packing bearing manufacturers making and brands etc.(except where the quantity require is a fraction of smallest packing). Materials not complying with this requirement shall be rejected.

SPECIAL CONDITION (CONTD.....)

(c) Paint and other proprietary materials, the quantity of which cannot be checked after incorporation in the work shall be measured and recorded suitably and signed both the GE/ AGE (I) or through their authorised agents. As a proof that he has actually brought the material's from the authorised firms/ agents the contractor shall produce receipted vouchers from them showing quantity and quality of materials to satisfy the GE/ AGE (I)/ his representative and the contractor as checked to ensure that the required quantity has been brought at site for incorporation in the work. The contractor shall carry out such instructions as given to him in writing by the Engineer-in-Charge to ensure that the full quantity specified goes into work.

26. SECURITY OF CLASSIFIED DOCUMENTS.

26.1 Contractor's special attention is drawn to Conditions 3 of General Conditions of Contracts IAFW-1815-Z. The contractor shall not communicate any classified information regarding the works, either to sub-contractor or others without prior approval of the BSO. The contractor shall not make copies of the design drawings and other documents furnished to him in respect of works and he shall return all documents on completion of the work or the earlier determination of the contract. The contractor shall along with final bill, attach receipt from the BSO in respect of his having returned classified documents as per Condition 3 of General Conditions of Contracts.

27. MINIMUM FAIR WAGES PAYABLE TO LABOUR.

27.1 The contractor shall have no claim whatsoever, if for reasons other than those mentioned in condition regarding reimbursement/ refund on variation in prices/wages of labour specified herein-after required paying wages in excess of the Minimum Fair Wages shown in Schedule of Minimum Fair Wages under Condition 18 of IAFW-1815-z.

28. WATER.

28.1 Water will not be supplied by MES. The Contractor will make his own arrangement for water without any extra cost to the state.

28.2 Water used in the work shall be clean fresh potable and non-saline. In case the GE/ AGE (I) is not satisfied with the quality of water the same will be got tested under own arrangements by the contractor without any extra cost to the Government Shall conform to the requirement stipulated in IS-456 and as per clause 4.9 of MES Part-I.

29. ELECTRIC SUPPLY.

29.1 Electricity will not be supplied by MES. The tenderer shall make his own arrangements for electricity required for this work, etc and no claim shall be entertained on this account.

30. PERIOD FOR KEEPING THE TENDER OPEN.

30.1 The tender shall remain open for acceptance for period of 60 days from the due date of receipt of tenders.

32. CO-OPERATION WITH OTHER AGENCIES.

32.1 The contractors shall permit free access and generally afford reasonable facilities to other agencies or departmental workmen engaged by Govt to carry out their part of the work if any under separate arrangements.

32.2 The contractors prices shall be deemed to cater for all the above contingencies and nothing extra shall be admissible on this account.

33. LAND.

Contractor will be allotted for land near building site for the following:-

(a) Storage of materials (including temporary sheds if available).

SPECIAL CONDITION (CONTD.....)

(b) **Fabricating workshop**

No land will be allotted for labour camp. A nominal rent of Re 1/- per year or part of year will be charged from the contractor for each separate area of land allotted to him.

34. FIRE PRECAUTIONS.

34.1 The Contractor, his agents, representatives, workmen etc., shall strictly observe the orders pertaining to fire precautions prevailing within the restricted area.

34.2 Motor transport vehicles, if any allowed by authorities to enter the restricted area, must be fitted with serviceable fire extinguishers.

35. BUILDING & OTHER CONSTRUCTION WORKERS WELFARE CESS ETC.

35.1. The quoted rates shall deemed to be inclusive of the building and other construction workers welfare cess. The cess at the rate as prescribed by the state Govt/ Building and other construction welfare board shall be deducted at source and no extra payment shall be admissible to the contractor on this account.

36. TOOLS, PLANTS, MACHINERY & TRANSPORT.

36.1 The following minimum Tools & plants shall be deployed by contractor at site for the execution of this work:-

1.	Properly fitted workshop	-	1 No
2.	Planing machine	-	1 No
3.	Machine for cutting, grooving, molding & beading	-	1 No
4.	Compressor for spray painting	-	1 No
5.	Bending machines	-	1 No
6.	Welding sets	-	1 No
7.	Machines for screw driving	-	1 No
8.	Drilling machine	-	1 No

(i) **EXPRESS CONDITION:** Whenever equipment/ T&P listed above is not required for execution of work for considerable time, Contractor can take away the equipment/ T&P for using at any other work seeking permission of GE/ AGE (I) in writing. GE/ AGE(I) shall permit the same when that equipment/ T&P is required at site for a considerable time. This is an express condition of the contract that no compensation for idling/ under utilization of equipment/T&P shall be claimed by the contractor during the contract period and extended time for completion of work. No such claim shall be admissible/ payable under the contract.

(ii) Contractor shall also arrange for any additional T&P and any other Machinery required during execution of work without any extra cost to the Govt so as to ensure smooth and quality work including timely completion of the work. The contractor shall also make suitable arrangement to ensure uninterrupted execution of work in case of failure/ break down of any T&P. T&P deployed by contractor shall preferably be less than 5 years old and shall be in healthy workable conditions.

(iii) For procuring & mobilizing T&P, no payment shall be allowed to contractor. However, advance on account for materials procured shall only be allowed in terms of contract conditions provided material is approved for incorporation in the work. The contractor shall make his own arrangement for safely and security of T&P and material brought at site.

(iv) The work will be measured and executed using mechanical means using T&P as far as possible to ensure uniform quality throughout the work. The list of T&P given above is not exhaustive and it shall be ensured by the contractor to minimize the use of human activity in the execution of the work.

(v) T&P mentioned above shall be used optimally during execution. GE/ AGE(I) reserves the right to stop the work for non utilization/ availability of abovementioned T&P in the work for any reason what-so-ever. Any part of the work executed manually without approval is liable to be rejected.

SPECIAL CONDITION (CONTD.....)**37. APPROVAL OF WORKS IN STAGES.**

Articles of furniture shall be inspected and approved by the EIC at the following stages. Omission of inspection at any stage of Inspection and approval in initials stage shall not absolve the contractor of the responsibility of producing articles in accordance with the drgs, Specifications and approved samples:-

- (a) First Stage : During the course of manufacture
- (b) Second Stage: When the article is ready in all respect except finish
- (c) Third Stage : After the articles are finished and delivered at the appointed place, the same shall be approved by a 'Board of Officers' ordered by **Accepting Officer**. This is notwithstanding the fact that GE/ AGE(l) is the final authority to decide whether materials and workmanship are confirming to the specification given in contract and whether to accept or reject the supplies

Final approval will however rest with the GE as per condition 21 of IAFW-1815 (z).

38. TOLERANCE ON DIMENSIONS.

Dimensions given in drg or specifications are finished dimensions and tolerance up to 1.5 mm shall be allowed for each wrought face of finished wooden articles of furniture or as specified in drawings.

39. SAMPLES OF IRON AND BRASS MONGERY ALUMINIUM FITTINGS FIXTURES PLASTIC CANE ETC.

On acceptance of tender, the contractor shall supply within 15 days or earlier of receipt of work order from the GE. Sample of various items of iron/brass monger, aluminum fitting, and fixtures, plastic cane, glass, timber, green baize cloth, paints, varnish and other raw materials required for use in this contract for approval of GE. The approved samples shall be branded and signed and kept under the custody of EIC. Where samples are to be as per the sample kept in GE's office, contractor's samples shall be equal to/superior to those kept in GE's Office.

40. TEMPORARY WORKSHOP STORE ETC.

The final assembly, finishing, painting/varnishing/painting oiling will have to be done at the MES store yard as given in Para 1 here-in-before during working hours where the furniture is to be supplied. Land shall be allotted by the GE to contractor to erect his workshop stores and the contractor shall pay a nominal licence fee of Rs 1/- per Calendar Year or part of Year in respect of each and every separate area of land allotted to him. The contractor shall dismantle his workshop, stores etc. and clear the site after the supplies have been completed and made good, as directed by EIC.

41. WATER.

No water will be supplied by the MES to the contractor for in the work. However, water for drinking purposes for his work people and employees, may be taken from MES source free of cost. The contractor can work over time for the final finishing of the fabricated articles (already passed) viz polishing, finishing etc with the prior written permission of the GE/ EIC.

42. STEEL.

The contractor shall be permitted to use untested steel in the work. He is required to quote his rates accordingly. He may, however use tested steel at his own discretion without any extra cost to Government. Contractor shall use steel section of equivalent metric sizes wherever sizes in FPS system is shown in drawings without any extra cost to the MES. Type and grade of steel shall be all as specified in drawings.

(SIGNATURE OF CONTRACTOR)
Dated :

EE (QS&C)
DCWE(Contracts)
FOR ACCEPTING OFFICER

PARTICULAR SPECIFICATIONS**1. GENERAL.**

1.1 The sizes of furniture items referred to as approximate in some of the drawings shall be considered as firm. The overall sizes shall be maintained as shown in the drawings.

1.2 The quantities reflected on some of the drawings are only for the guidance of the tenderer (s).

1.3 All articles of furniture to be supplied under this contract shall be in accordance with the specifications contained herein after and as shown in drawings. Where the provisions in these specifications are at variance with the drawings, the provisions in these specifications shall take precedence.

2. WORKMANSHIP GENERALLY.

2.1 Workmanship shall be of very high class expected of recognized good quality cabinet maker/ furniture manufacturers.

2.2 Workmanship shall be of the highest quality as expected from high class cabinet makers. The GE/ AGE(I) decision shall be final as to whether or not the workmanship is of the required standard.

2.3 Unless otherwise specified all timber shall be wrought finished smooth and shall have corner and edges rounded substances, to hide faulty joints, bad workmanship or poor timber shall not be permitted.

2.4 Unless otherwise specified all dimensions of members shall be of finished sizes. A tolerance of 1.50 mm shall be allowed for each wrought face. No tolerance shall, however, be allowed to wrought faces of timber boarding of thickness 12 mm and below which shall be the finished thickness. No tolerance is allowed for particle boards with or without veneers. The contractor shall maintain the overall sizes of furniture as shown on drawings.

2.5 All framed joints mortices, tenons, tongues, grooves rebating, wedging, dove tailing plugging etc shall be executed as shown on drawings and in the best workmanship like manner. All joints shall be well fitted and glued and pinned with solid bamboo pins or screwed as shown on drgs. Corner joints between boards either alongwith grains or across grains in as shown on drawings. In no case, such corners / connections shall be butt jointed. Joints for other surfaces unless screws at distances not exceeding 10 cm. Dowels, Nails shall not be used in any part of the furniture either exposed or covered.

2.6 Workmanship on particle boards shall be strictly in accordance with manufacturer's instructions.

3 TIMBER.

3.1 All timber required for the manufacture of furniture, unless otherwise specified or shown on drawings or in the brief specifications, shall be Indian teak wood (Tectona Grandis) (first class hard wood)

3.2 Timber should be of natural growth, uniform in texture, colour and grain, straight in fiber, sound and well seasoned to prevent warps & twists. It should be free from sap, loose knots and dead knots exceeding 12mm, cup shakes, worm holes, soft spots and all other decay and defects. This specification shall take precedence over any notes mentioned in drawings regarding quality of timber.

3.3 A tolerance of 1.5mm for each wrought face of timber shall be allowed for members over 12mm thick but for members of 12mm thick or less, no tolerance shall be allowed. Also no tolerance shall be allowed in overall dimensions of furniture. The size shown on drawings are finished sizes. No tolerance is allowed for panel / panel shutters.

3.4 Figured dimensions in the drawings are to be followed in preference to scaled dimensions.

PARTICULAR SPECIFICATIONS (CONTD...)

3.5 Contractor shall produce the paid vouchers and test certificated of the timber incorporated in the work.

3.6 Unless otherwise specified boarding (timber) planks required in the work.

(a) Shall be in one piece for overall width not exceeding 20cms.

(b) Shall be not more than two pieces with rebated joints between the planks (i.e secret nailing for the joints shall also be as directed by GE) for overall widths exceeding 20cms but not exceeding 40cms.

(c) Shall be not more than three pieces with rebated joints as stated in Para (ii) above between the planks for overall widths exceeding 40cms but not exceeding 60cms.

3.7 The boarding shall be in one length. No joint shall be permitted.

3.8 Unless otherwise shown on drawings, timber required for the manufacture of various items of furniture shall be Indian Teak (Tectona Grandis) as shown on drawing except for particle boards, plywood and such other proprietary materials and shall conform to the specifications given hereinafter. Second class soft wood wherever shown on drawings shall however be of second class hard wood vis. Karimaruthu or Maruthu of Venteak.

3.9 All timber should be of natural growth, uniform in texture, colour and grain, straight in fibre, sound and well seasoned. It should be free from loose knots, dead knots exceeding 1/2" dia, open from sap extra to the extent specified below.

3.10 Timber containing sap wood to an extent not exceeding 5% may be incorporated provided that it does not disfigure prominently shown in the finished article and does not impair the strength.

3.11 All timber shall be finished to smooth, true and clean surface with appropriate sand paper and shall have corners and edge, rounded where so ordered.

3.12 Boards/ planks and scantlings shall be straight, clean sawn and planned true and smooth to the dimensions shown on drawing. They shall be cut to required sizes and shapes and left for air seasoning for at least one week before being framed together.

3.13 Boards/ planks and scantlings shall be in one length and no joint shall be permitted. Where width of boarding/planking shown on drawing does not exceed 30cm it should be in one width. Where the overall width of boarding or planking shown on drawings exceeds 30cm and in a multiple of 20cm it shall be made of 20cm wide planks. Where the overall width of planking is not multiple of 20cm it shall be made of planks of equal width each width being nearest to 20cm. In no case the width of the planks should not be less than 15cm.

3.14 The moisture content of timber shall not exceed 12 percent.

4.0 SEASONING OF TIMBER.

4.1 Timber should be well seasoned. Maximum permissible moisture content in timber shall not exceed 12% (twelve percent) i.e maximum permissible for climate zone I as per IS-287. Relaxation of plus 2% (two percent) will be permitted. Seasoning of timber shall be done as laid down IS-1141.

4.2 The contractor shall produce necessary certificates from the time merchants to the satisfaction of GE that the timber used in the manufacture of furniture is well seasoned. The sample shall be got tested as per relevant IS in approved laboratory as directed by GE.

4.3 The contractor shall afford facilities for inspection by MES Officers to satisfy for themselves that the timber is well seasoned at no extra charge.

PARTICULAR SPECIFICATION (CONTD /-....)**5.0 PARTICLE BOARD.**

5.1 Particle Board bonded with phenol formaldehyde (without veneering) exterior grade shown in drawings and/ or specified hereinafter shall conform to IS-3087 of 1985, Wood particle board (Medium density) for general purpose, flat pressed single layer board.

5.2 Particle board with teak veneers facing on one side or both side (decorative veneering), where shown on drawing and / or specified hereinafter, shall conform to IS-3097 of 1980 exterior grade solid core.

5.3 Wherever particle board with teakwood veneering on one side only is indicated in drawings, particle board shall have balancing white on the other side.

5.4 For fixing of screws on particle board, first drill pilot holes on particle board and dip screws in fevicol screwing down into holes.

5.5 Particle board shall be veneered particle board BWR grade pressed three layers conforming to IS-3097 - 1965 with commercial face veneers or decorative face veneered all as shown on drawings and as specified hereinafter in key specification.

5.6 The grains of veneered particle board shall be lengthwise on top and vertical on sides. Particle boards used in the work shall be in one piece and no joints are permitted.

6.0 PRE-LAMINATED PARTICLE BOARD.

6.1 Pre-laminated particle board shall be of melamine faced, flat pressed three layered Pre-laminated wood particle board exterior grade, bonded with phenol formaldehyde synthetic resin, duly stamped IS-3087 with Pre-lamination of approved shade on one side and other side with white balancing lamination or both sides laminated as indicated.

6.2 Core of particle board, veneered or un-veneered shall also be conforming to IS-3087-1985 exterior grade.

Note: Irrespective whatever shown in drawings and/or in this tender documents, the surfaces exposed (to vision) of the particle board shall be pre-laminated and accordingly one side laminated or both side laminated or plain particle board shall be provided. However, back side of almirah, book case, side board and other such items which are meant to be kept alongside wall and where particle board is indicated in drawings/ key specifications, even though it is exposed to vision yet, it shall be plain particle board and for glazed or open selves items it shall be one side laminated (internal surface). Vertical partitions shall be both side laminated and horizontal partitions shall be one side laminated (top side) for items such as almirah/ side board/ book case/ etc.

6.3 Pre-laminated particle board shall be factory impregnated.

6.4 Particle board shall be 18mm +/- 5% thick as required made of three layers of particle board and resin mixed as specified in clause 2.11 of IS-3097-1980 and edges of particle board so used should have stamped marking of IS-3097-1980 to indicate that the particle board is as IS marked quality. This should be verified by the BSO before use in the work.

6.5 Shade of lamination on one side of particle board shall be as specified in key specification or as approved by GE/ AGE (I) and other side of board shall be balancing white lamination.

6.6 All edges shall be sealed with teak wood edging of standard size.

6.7 Particle board shall conform to IS-3097-1980 and particle board with IS marking only shall be used.

6.8 Pre-lamination should conform to IS-12823-1994 Grade I type III.

PARTICULAR SPECIFICATION (CONTD /-....)

6.9 A sample of pre-laminated particle board shall be got tested by the contractor as per IS-12823-1994 in any one of the approved laboratory as approved by the GE/ AGE (I) before incorporation in the work and the test result shall be produced to the GE/ AGE (I). The test result shall be got verified by the Board of Officers as appointed by the Accepting Officer for sample approval of furniture item as mentioned in Sch 'A' Note of the tender. The cost of test shall deem to include the rate quoted for the Sch 'A' item and no extra cost whatsoever on this account shall be entertained.

7.0 PLY WOOD.

7.1 Ply wood where shown on drawing and / or specified hereinafter shall be of "BWR" grade, type 'A' confirming to IS-303 of 1975.

7.2 Where decorative plywood, plywood with teak face veneering on one side (decorative face veneering one side) shown on drawing and/ or specified hereinafter shall be of Grade-I, confirming to IS-1328. The plywood used in the manufacture of decorative plywood shall be of BWR synthetic resin bonded type. Knobs for drawers/cub boards etc., shall be of brass chromium plated.

7.3 Plywood shall be BWR grade type A, Class 1 conforming to IS 303-1975 plywood used in the work shall be in one piece and no joints shall be permitted. Any of the species of timber mentioned under Class 1 of Appendix 'A' in IS- 303 - 1975 will be permitted to be used for the manufacture of plywood. Grains of plywood shall be lengthwise on top and vertical on sides.

7.4 Where plywood with teak veneered finish on one side is showing on drawing it shall be decorative plywood conforming to IS-1328-1970 specification for veneered decorative plywood and shall be grade II with one surface decorative natural teak finish.

8. Samples of Builders Hard Ware fittings shall be first got approved by GE before placing bulk orders for the same.

9.0 SCREWS FOR FIXING WOODEN MEMBERS.

9.1 Unless otherwise specified screw shall be steel wood screws mettled and shall be of size/ type as approved by GE. Where indicated brass screws shall be used instead of wooden screws.

9.2 Screws shall not be thinner than designation 8 of length not less than twice the thickness of board / members to be fixed.

9.3 Steel wood screws shall conform to IS-45 and shall be clearly finished and shall be true and concentric with the shank. Slots in the head shall be clear, straight and free from burrs and centre with regard to the head, Threads shall be clear and well defined screws shall be in self colour condition.

9.4 Brass fittings shall however be fixed with brass screws.

9.5 Dowel and Pins (For Wooden Furniture's): Dowels and pins for securing mortise and tenon joints where required shall be of solid bamboo pins of good quality.

9.6 Screws to be used for fixing fittings shall match with the fittings i.e. brass screws shall be used for fixing brass fitting and alloy/cadmium screws shall be used for aluminium fittings. Screws for MS fittings and timber and fixing shelves brackets, bearers etc shall be steel screws.

10.0 STEEL AND IRON WORK.

10.1 Conduits/ Tubes indicated in drawings shall be electric resistance welded tubes of gauge as specified conforming to IS specifications, where thickness of conduit is not specified, the same shall be 16 gauges.

PARTICULAR SPECIFICATION (CONTD /-....)

10.2 Bars flat MS, MS Rounds, MS Plates and GI sheets shall confirm to IS-226 of 1975 (Standard quality).

10.3 Wherever the thickness of MS/GI/CRC sheets, plates tubes are indicated in BWG, the same shall be considered as the nearest equivalent SWG manufactured. No price adjustment in this account shall be accounted.

10.4 Unless otherwise specified all steel shall be of ordinary quality and shall be straight, without any defects and rolled free from flaws, cracks creep ends, rusts etc. GI sheet shall be galvanised class III complying with requirement of IS-277, 20 gauge thick.

10.5 All steel and iron work shall be prepared accurately to the dimensions shown on drawings and shall be forged clean from anvil and finished true with hammer, chisel and file. All holes shall be drilled.

10.6 Fixing of iron work to wood work shall be one with screws subject to the approval of the Engineer-in-Charge.

11.0 HARD RUBBER RINGS AND TOES/ SHOES.

11.1 Provide hard rubber/ plastic rings of appropriate size for the legs of chair etc., where shown on drawings. These shall be fixed with brass screws of appropriate size as directed. In case of steel legs suitable hard rubber toes/ shoes shall be provided.

11.2 Hard rubber rings/ Toes/ Shoes shall be all as per the samples kept in GE's office and as approved by GE/ AGE (I).

12. PLASTIC CANING

12.1 Plastic caning, where shown on drawing or specified hereinafter shall be worn out of plastic strips manufactured by M/s Plastic Packing Limited, Chowpati Chamber, Sandhurst Bridge, Mumbai-7 M/s Khira Steel Work Pvt Ltd, Mumbai, M/s Vijay Sarathi BM Sons, Hyderabad, M/s Maharashtra Plastic Cane Industry, Mumbai. (The code number pertaining to required specification is given as under) or any of other equivalent and approved make.

- (a) Code "GARCANE" Plastic Cane width 15 x 16 gauge thickness No.1840 25 to 27 gauge (1.00mm x 0.46mm)
- (b) Colour Gream Ivory or white as approved by GE.
- (c) Code "GARCANE" for borders with 3mm x 0.60mm No.3050
- (d) Colour Gream Ivory or white match the cane weaving.

Wherever plastic caning/cane weaving is required to be carried out, the method of cane weaving as indicated in the respective drawings of the furniture items shall be adhered to.

12.2 The contractor shall first produce a sample of cane weaving. After approval of the sample, the contractor shall proceed with the weaving of the articles.

13.0 FINISHES.

13.1 Contractor's special attention is drawn to condition 21 of IAFW-1815(Z). No article of furniture shall be painted/ polished without obtaining prior approval of the Engineer-in-Charge/ GE in writing on the furniture itself.

PARTICULAR SPECIFICATION (CONTD /-....)

14.0 **FRENCH POLISH.** French polishing wherever indicated in drawings and/ or specified hereinafter shall be executed as specified herein-under.

14.1.1 Preparation of surfaces Planning marks shall be removed by means of wood scrapper and the surface smoothed with sandpaper No. 2. Fill and stop the surface with plastic filler prepared by mixing fine powdered chalk or plaster of Paris with methylated spirit to raw sienna to obtain the desired tint. Wipe off superfluous filler and set aside for 24 hours for the surface to harden.

14.1.2 Rub surface with sandpaper No.1/2 until it is thoroughly smooth and clear of dust.

14.2 Prepare a solution of 0.1 kg of shellac to 1 litre of methylated spirit conforming to IS-348-1968. Shellac crystals shall be washed in like warm of water to remove dust etc., and dried before use. Shake the mixture until the ingredients are completely dissolved. Strain the solution through coarse muslin.

14.3 Take a pad cotton wool and partially saturate it with the mixture thus prepared and enclose the pad in piece of linen cloth and apply to the surface alongside the grain with light even pressure. Should the pad show any sign of sticking, it should be slightly dipped in mustard oil. Continue rubbing unit a thinly coated semigloss appearance is obtained. Set aside for about two hours to permit surface coat to harden.

14.4 Rub the surface with sandpaper No. '0' to remove any raised gains. Repeat polishing the surface as before until clear grained smooth surface is obtained. When a clear grained, smooth surface is obtained, it should be allowed to harden for about one hour.

14.5 The contractor may use ready mixed French Polish of approved brand with the prior approval of the GE without any financial adjustment.

14.6 **PREPARATION OF SURFACE.** Remove plane marks with a wooden scrapper and smoothen surface with sand paper No 2 Fill top holes with paste filler prepared by mixing plaster of paris and water to cream consistency and adding rawslenne in sufficient quantity required to obtain the desired colour to the base. When the surfaces dries up wipe off superfluous filler and set aside for 2 hours for the surfaces as harden. Rub surface with sand paper No 1/2 until it is thoroughly smooth and cleaned off.

14.7 **POLISHING.** Prepare a solution of shellac dissolved in spirit together with other alcohol soluble ingredient as may be necessary. The shellac shall be 25-1 percent by weight of denatured spirit, shellac crystals shall be washed in luke warm water to remove dust etc and dried before use. Shake the mixture until the ingredients are completely dissolved. Strain the solution through course muslin. Take a wad of cotton wood and practically saturate it with the mixture thus prepared. Enclose the wad in a piece of line cloth and apply to the surface along the grains with light even pressure

14.8 Should wad show any sign of sticking, it should be slightly dipped in oil. Continue rubbing until a thinly coated semi glass appearance is obtained. Set aside for about two hours to permit surface coat to harden. Rub surface with sand paper polishing the surfaces as before when a clear grained smooth surface is obtained. It should be allowed to harden for about one hour. Rubbed surface should again be rubbed with No 'O' sand paper. Charge the wad as before and apply to the surface in circular motion until the whole surface is covered once over. Charge the wad with methylated spirit and apply with straight stroke in the direction of the grain until the required glossy finish is obtained to the satisfaction of the Engr-in-Charge. The preparation of ingredients shall be altered if necessary, to obtain the required shade.

PARTICULAR SPECIFICATION (CONTD /-....)**15. PAINTING TO STEEL AND IRON SURFACES WITH SYNTHETIC ENAMEL PAINT.**

(a) Where synthetic enamel painting to steel/iron surfaces is specified/ shown on drawings, the surfaces shall be prepared by cleaning the surface free from oil, grease, and dirt so as to obtain a clean surface to the approval of Engineer-in-Charge. Over the prepared surface apply one coat of primer followed by one under coat and one finishing coat of synthetic enamel paint and finish the surface so as to have highly glossy appearance.

(b) GI pipe shall not be painted.

16 PAINTING TO TIMBER SURFACE WITH SYNTHETIC ENAMEL PAINT.

16.1 Where synthetic enamel painting to timber surfaces is indicated or drawings/ specified, the surfaces shall sand papered smooth along the lines and dusted clean. Knots, if any, shall be treated with two thin coats of knotting the surfaces so prepared shall be given one coat of primer and allowed to dry. Holes/ cracks, if any, shall then be carefully stopped with putty and then one under coat and one finishing coat applied so as to have highly glassy appearance.

16.2 Steel surfaces shall be prepared as described in Clause 24.2 above and over the surface thus prepared apply two coats of approved Black Japan paint where black painting/black Japan painting is specified and shown on drawings.

16.3 Where painting to timber surface with synthetic enamel paint is indicated in drawings and/ or specified hereinafter, the surface shall be prepared by cleaning the surface free from dirt and other foreign matter, and the surfaces shall be sand papered smooth along the line of grain and dust clean. Apply a coat of synthetic primer. The surface shall then be bonded in with liquid wood filler of approved make, allowed to dry and rub with sandpaper after moistening the surface with water. Clean the surfaces and apply two coats of synthetic enamel paint (one under coat and one finishing coat) and finish the surface so as to have a highly glossy appearance.

17 PAINTING.

17.1 Synthetic Enamel Paint for under coat and finishing coat shall be exterior, type –I conforming to IS-2932-1974 and shall be of approved manufacturer. Primer shall conform to IS-102-1962 for steel surfaces and IS-3536-1966 for wood surfaces.

17.2 Paints shall be superior paint and the exact tint shall be as specified hereinafter and / or indicated in drawings. Contractor shall, when required by the GE, produce certificate from the manufactures or their representatives to establish that the brands of paints purchased by the contractor from them satisfy the requirements of the relevant Indian Standards or are superior to the quality specified in the relevant IS specifications.

17.3 Paint for priming coat, under coat and finishing coat shall be of the same manufacturer.

17.4 Paints for priming coat, under coat, finishing coat shall be of the same manufacture. Paint shall be of superior quality. Tint of paint shall be as shown on the drawings. If no specific tint is shown on drawings, the same shall be of superior tint approved by GE/ AGE (I).

18. PAINTING WITH BLACK PAINT.

18.1 Unless otherwise specified, MNF frames, clamps etc, shall be painted with two coats of black Japan Type 'B' exterior conforming to IS-3417-1973 over a coat of red oxide primer after preparing the surface.

PARTICULAR SPECIFICATION (CONTD /-....)**19. LABELING.**

19.1 Wherever position of embossing is shown it shall be considered as place for fixing for label of the contractor. All the articles of furniture supplied under this contract shall be provided with a metallic label 1.5mm thick of 60 x 20 mm size indicating the contract number, year and name of the contractor. The location for fixing the labels shall be as shown in the drawings and as directed by Engineer-in-Charge.

20. SCOPE OF WORK.

20.1 The work included in the contract comprises manufacture and supply of furniture as detailed in BOQ and in accordance with drawings and specification of this contract. All materials to be supplied by the contractor for incorporation in the work shall be new and equal to or superior in quality than the approved samples

21. MATERIALS.

21.1 The materials used in making the articles of furniture shall be the best of their respective kinds conforming to be new, the best of their respective kinds conforming to relevant IS and shall be in accordance with the drawings and specifications. Materials shall be as per the samples kept in GE/ AGE (I) office where IS/ BS is not available for the particular materials.

22. DOWELS AND PINS.

22.1 Dowels and pins for securing mortice and tenon joint shall be of solid bamboo of good quality.

23. JOINT AND PANELS.

23.1 All joints except joints of panels in wood work shall be either mortice tenon or dovetailed and shall be framed so as to fit fully and truly without edging. Joints before assembling shall be put together with (Fevicol and pinned with solid bamboo pins coated with Fevicol).

24. TEAK WOOD EDGING.

24.1 Teak wood edging wherever shown on drawings shall be provided with seasoned best quality teak wood/ to the thickness and shapes all as shown on drawings. Where thickness of edging is not shown, it shall be 3 mm thick.

25. **IRON MONGERY.** The iron mongery brass fittings, hinges etc. shall be all as shown on the drawings and/ or specified for the respective items (Key specifications) and shall conform to samples kept in GE/ AGE (I)' s office. Size of iron mongery not specified or shown on drawings shall be as directed by Engineer-in-Charge.

26. **MIRROR.** Irrespective of what is shown on drawings mirrors shall be indigenous make 5.5 mm thick of ATUL/ SWASTIC brands free from ripples, specks, bubbles, smokes waxes, air bubbles and other defects and shall reflect an undisturbed figure and all as per sample kept at GE/ AGE (I)'s Office.

27. **LOCKS.** Locks wherever shown on drawings shall be cup-board lock brass 50mm with 4 levers. Locks shall be supplied with two keys. Key of one lock shall not fit into any other lock. Each lock shall be provided with brass key hole plate of suitable size.

28. SIZES AND DIMENSIONS.

28.1 The contractor shall manufacture articles exactly to the design and dimensions as shown on the respective drawings. Figured dimensions on the drawings shall be followed.

28.2 Irrespective of what is shown on drawings a tolerance of 1.5mm shall be permissible from each wrought face except for members of 25mm thick and below for which no tolerance shall be allowed.

PARTICULAR SPECIFICATION (CONTD /-....)

29. **WOOD WORK.** All framed joints mortices, tenon tongues, grooves rebating, dowelling welding's dovetailing, plugging etc shall be executed as shown on on drawings or as directed by the Engineer-in-Charge and in the best workman like manner. All joints shall be well fitted and glued and pinned with solid bamboo pins. Unless otherwise shown on drawings all framing shall be done with mortice or tenon joints properly glued and pinned as specified herein before. Corner joints between boards either along the grains or across the grains shall in all case be rebated mitred or concealed dovetailed or as shown on drawings. In no case shall such corner connection be made. But planks for table tops shall be jointed with plywood joints. Plank for other surface unless otherwise shown on drawings shall be butt jointed using screws at distance not exceeding 45cm as dowels. Nails shall not be used in any part of the furniture, either exposed or covered. All joints shall be as shown on drawings. Where joints are not shown on drawings these shall be as approved by GE/ AGE(I).

30. **CANNING.** Provide 5/8" rebate in wooden frames around caning weaving holes shall be bored at 15mm center to center. The caning holes shall be concealed with a strand of 3mm wide border strand in any length. Caning for all articles shall be Godrej Pattern not less than four strands of cane running through each hole. The cane used will be plastic cane 2mm wide for all strands except border strands, which shall be 3mm/3.5mm wide. All strips shall be not less than one metre to obviate excessive knots.

31. **WELDING.** Welding shall be done all as per Indian Standard Specifications and as directed by the Engineer-in-Charge. All welding shall be gas or electric at the contractor's discretion.

32. **SURFACE FINISHES.**

32.1 Unless otherwise specified, faces on timber shall be wrought finished to smooth, true and clean surfaces and shall have 3mm corners end edges slightly rounded to a radius not exceeding 3mm.

32.2 **PREPARATION OF SURFACE.**

32.2.1 The contractor's special attention is drawn to condition 21 of IAFW-1815-Z. No articles shall be finished unless the article has been passed by the Engineer-in-Charge as fit to receive the finish. Timber surface of furniture to be finished will receive following treatment after assembly, but prior to receiving the final surface treatment:-

(a) Knotting patent knotting shall consist of two coats of varnish made by dissolving shellac in methylated spirit.

(b) Stopping shall be as under:-

- | | | | |
|------|---------------|---|--------|
| (i) | Common Glue | - | 1/2 Kg |
| (ii) | Resin (Gamja) | - | 1/2 Kg |

32.2.2 The above ingredients are to be heated together in an iron pot until they melt and stirred with a stick till mixed properly. While the mixture is hot sufficient quantity of fine saw dust shall be added to form a consistent paste. The final mixture shall then be applied (when still hot and in a melton state) with a hot spoon and when quite hard, clear off with sand paper. A mixture of patent glue as approved by GE/ AGE (I) and fine saw dust may be used in lieu of the mixture of common glue resin of fine saw dust as mentioned above.

Rubbing: The surfaces are to be made perfectly smooth with sand/sand paper.

PARTICULAR SPECIFICATION (CONTD /-....)

33. FINISHING TO FURNITURE.

33.1 All articles of furniture shall be finished as shown in key specifications and as detailed below:-

Articles of furniture specified to be French polished, shall be treated all over except surface mentioned hereinafter which shall be soiled with boiled linseed oil. However, the following surfaces shall be sand papered smooth and left untreated:-

- (a) Underside of table tops not exposed to view and inside of top frame of all type of tables.
- (b) Underside of shelving (including top shelves, inside of drawings and cup boards but excluding internal surface of cupboard, shutters, inside of chest of drawers) (for details refer key specifications). Type of finish specified in key specification shall be carried out irrespective of what as shown on the drawings.

(SIGNATURE OF CONTRACTOR)

Dated:

EE (QS&C)
DCWE (Contracts)
For ACCEPTING OFFICER

PARTICULAR SPECIFICATION (CONTD /-....)

LIST OF MAKES AND MANUFACTURERS

Makes/ Manufacturers of various items shall be as indicated below unless otherwise specifically mentioned in Schedule ‘A’ or Particular Specifications: -

SI No	Items	Make/ Brand Name
1.	Paint	Asian (Apcolite brand)/ Shalimar (Superlac brand)/ Berger (Luxol brand)/ Jhenson & Nicholson (Brolac Brand)
2.	French Polish	Berger/ Asian/ Shalimar/ Nerolac/ Power/ Sheenalac
3.	Laminated Sheet	Formica/ Sungloss/ Sunmica/ Bakelite Hylam
4.	MS tubes and pipes	Tata/ Zenith/ Jindal/ Suryaprakash
5.	Foam	Sleep well/ Coirfoam/ Dunlop/ Curlon
6.	Plywood	Kitply/ Century Plywood/ Archid Ply/ Green Ply/ Anchor/ Swastik/ Bhutan Board/ Indian Plywood/ Jain Wood Indus (JAYNA)/ United Timber Industries (Wrown)
7.	Pre-laminated Particle board/ MDF board	Nava Pan/ Eco Board/ Indus Pune/ Kitply/ Green Ply/ Anchor Lam/ Century Plywood/ Bhutan Board/ Archid Ply/ Archid Board/ Associate Décor Ltd/ Green Ply Indus Ltd/ Nepal Board/ Archidlam/ Greenlam
8.	Block boards and veneered particle board	Bajaj Board/ NU Wood/ A1 Boards/ Bhutan Boards/ Charminar/ Lotus/ Swastik/ Duraluff/ Kitply/ Jainwood Indus (Jayna)/ Greenply Indus Ltd (Green panelmax)/ United Timber Industries (Wrown)/ Nepal Board/ Archidlam/ Greenlam
9.	Synthetic Enamel Paint	Asian Paints/ Nerolac Paints/ Shalimar Paints/ Dulux/ ICI Paints/ Johnson & Nicholson Paints/ Jotun
10.	Mortise Locks/ Lock	Harrison/ Godrej & Boyce Co Ltd/ RP Lock & Co New Delhi/ KICK/ Link
11.	Adhesives	Pidilite/ Fevicol/ Vermicol/ Armacell India Pvt Ltd
12.	Cane plastic 2mm/ 3mm/ 3.5mm	Mahrastra Plastic Industries/ Swastik
13.	GI Pipes & Fittings	Tata/ Jindal/ BST/ Surya/ KS Engg Works/ Zenith/ Swastik/ Prakash
14.	Mirror	Modi Guard/ Atul/ Saint Gobin/ Gold Fish/ Hindustan Glass Calcutta/ Asahi Works/ Kohinoor/ Swastik/ Tata
15.	Mattress/ Foam	Sleepwell/ Kurlon/ Godrej

Signature of Contractor

(P K Meena)
EE (QS&C)
DCWE (Contracts)

LIST OF DRAWINGS

Ser No	Description of item	Drawing No	Sheet No	Date	Revised Date
1	Bench Workshop 1500 x 900 x 760mm	FD-1024			
2	Foam without back	FD-77 (M)			
3	Peg Table	FD-384			
4	Chair Writing with cushion	FD/E6/MAP/12			
5	Book Shelf Open (Small) Steel	FD-69 (M)			
6	Work Bench Workshop 1800 x 760 x 900mm	FD-1024			
7	Chair Easy Steel	FD-121 (M)			
8	Locker Steel	FD-1029			

NOTE:-

Drawings at Ser Nos 01 to 8 are not enclosed with the tender documents, but the same are forming part of the tender documents. However, the tenderer may verify these drawings in the Office of CWE/ GE on any working day during working hours on prior appointment. Tenderer shall be deemed to have seen these drawing before quoting the tender. No claim whatsoever will be entertained in this regard at a later date.

(signature of contractor)

(P K Meena)
EE (QS&C)
DCWE (Contracts)

