

**TENDER FOR PERIODICAL SERVICES INCLUDING REPAIRS TO ROOF RAIN WATER PIPE
EXTERNAL PLASTER WINDOW GLASS PANES ETC TO MD ACCNS OTM ACCNS OF MH
AND RAIPUR SATWARI UNDER AGE B/R-II AT GE SATWARI.**

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	Drawings :- ____ sheets	Total Pages _____

Signature of Contractor
Dated : _____

AGE(Contract)
for Accepting Officer

Military Engineer Services
Garrison Engineer Satwari
Jammu, Pin – 900172
C/O 56 APO

8835/ 24 / /E8

05 Jun 2023

M/S _____

TENDER FOR CA NO. GEJM- 24 /2023-24 : PERIODICAL SERVICES INCLUDING REPAIRS TO ROOF RAIN WATER PIPE EXTERNAL PLASTER WINDOW GLASS PANES ETC TO MD ACCNS OTM ACCNS OF MH AND RAIPUR SATWARI UNDER AGE B/R-II AT GE SATWARI.

Dear Sir(s),

1. Tender documents for the work mentioned above are uploaded/forwarded herewith through portal "www. defproc.gov.in". The quoted bid of tender is to be submitted to **GE Satwari, Jammu, Pin - 900172 C/O 56 APO** w.e.f **20 Jun 2023 to 26 Jun 2023 upto 1800hrs** and shall be opened on **28 Jun 2023 at 1000 hrs**. Hence all the tenderers are advised to upload their complete bid/documents on "www. defproc.gov.in" portal by due date and time.

2. Your attention is invited to 'Instructions to Tenderers', on "defproc.gov.in" portal, which shall be strictly complied with.

3. The salient points/instructions to the tender documents are highlighted in the Annexure to this letter attached herewith in addition to the following:-

(a) **E-TENDER ISSUED TO CONTRACTORS WHO ARE NOT ENLISTED WITH THE MES / WHO ARE ENLISTED BUT HAVE NOT EXECUTED THE STANDING SECURITY BOND**

(i) The amount of "Earnest Money" for the work if applicable to be furnished alongwith the tender.

(ii) The scanned copies of Earnest Money shall be uploaded in e-bid.

4. Tenderers are required to go through the complete tender documents downloaded from portal "defproc.gov.in" in details and point out discrepancies/anomalies if any, well in advance of date of receipt of tender. In the event of failure of tenderer in this regard, it will be deemed that there are no anomalies in tender documents/drawings and he will not have any claim on this account at a later date.

5. **Performance Security**:- Irrespective whether the contractor enlisted in MES or not are required to be deposited the performance security (Refer condition 19 of IAFW 2249 & amendment No-47 of IAFW 2249) for an amount as applicable of the accepted contract amount by the successful bidder within 28 days from date of intimation letter of acceptance and all other provision shall be applicable as per condition 47 of IAFW-2249.

Work order shall be placed only after receipt of performance security of value as notified by the Accepting Officer.

Yours faithfully,

Signature of the Contractor
Dated : _____

AGE(Contract)
for Accepting Officer

ANNEXURE TO FORWARDING LETTER

INSTRUCTIONS FOR FILLING IN AND SUBMISSION OF E-TENDER DOCUMENTS TO BECOMPLIED WITH BY THE CONTRACTOR

1. **Submission of e-tender** : e-Tender shall be submitted in 02 (Two) Cover system:-

1.1 The Cover-1 shall be "Technical bid" and Cover-2 shall be "Finance bid". The documents related to Cover-1 and Cover-2 shall be uploaded on to the website www.defproc.gov.in as per the critical dates given therein against subject tender. The documents related to Cover-1 will be opened and/downloaded first as per the date given in the website and subsequently the document related to Cover-2 i.e., Priced/Finance Bids will be opened. Finance Bids will be opened only in respect of contractors who fulfil the eligible criteria as per the documents submitted in Cover-1.

1.2 **The cover-1 For MES Enlisted Contractors (Mandatory to be uploaded):**

- (a) Demand draft / Banker's cheque for requisite amount as specified in NIT issued by any Scheduled Bank in favour of **Garrison Engineer Satwari**.
- (b) An application form requesting tender document indicating valid email ID.
- (c) Enlistment letter along with its enclosures.

1.3 **The cover-1 For Un-enlisted Contractors (Mandatory to be uploaded):**

- (a) Documents meeting enlistment criteria of MES for required Class and category with regards to satisfactory completion of requisite value of similar works, annual turnover, solvency, working capital, fixed assets, engineer establishment etc. including Affidavits as asked for as per Appendix 'A' to NIT.
- (b) No recovery outstanding in any Govt Dept (for which Affidavit to be submitted).
- (c) Copy of police verification (within last one year) from police authorities of the area where the registered office is located. For proprietor/each partner/each director, valid passport duly notarized shall also be acceptable in lieu of police verification.
- (d) Demand draft / Banker's cheque for requisite amount as specified in NIT issued by Scheduled Bank in favour of **Garrison Engineer Satwari**.
- (e) EMD if applicable of requisite value along with Technical bid ie, Cover-1.

1.4 All the above documents duly scanned in pdf format uploaded in a single folder will only be accepted in [cover 1](#). However, Cost of tender documents and EMD (as applicable) shall reach in physical form to the office of Accepting Officer before opening of [Cover-1](#) (Technical Bid), failing which [cover 2](#) (Finance Bid) will not be opened. DD / Banker's cheque shall be returned to the applicants whose [Cover-2](#) is not considered for opening.

2. The tenderer shall quote his rates/amounts in the [BOQ](#) i.e Finance Bid ([Cover 2](#)).

3. In case, the tenderer desires to revise / modify the rates quoted in BOQ or withdraw his bid, he may do so only up to last date of bid submission date.

**INSTRUCTIONS FOR FILLING IN AND SUBMISSION OF E-TENDER DOCUMENTS
TO BE COMPLIED WITH BY THE CONTRACTOR [Contd...]**

4. **Opening of Bid online**: Cover-1 shall be opened first on stipulated date of opening by the opening officers. Cover-2 (Finance bid) shall not be opened on that day. The documents received in Cover-1 will be evaluated as per eligibility criteria given in notice of tender. Result of evaluation will be published online. If Bidder is not satisfied with the decision of his disqualification he may appeal to next higher Engineer authority i.e. **HQ CWE Jammu** within 07 days of publication of result on the website. Date & time of opening of Cover- 2 (Finance Bid) of qualified tenderers will be published on the website and Cover -2 will be opened accordingly.

5. **GUIDELINES / PROCEDURE TO BE FOLLOWED IN THE PROCESS OF E-TENDERING:**

5.1 It is mandatory for all the bidders to have Digital Signature Certificate from any of the licensed certifying agency to participate in e-tendering process.

5.2 There will not any physical supply of tender documents. The bidders, participating in e-tendering, can view / download the tender documents from the www.defproc.gov.in. The bidders shall submit their offer online in electronic formats only. However, DD / Banker's cheque for Tender Fee and EMD shall also be submitted manually in the office the **Garrison Engineer Satwari, Jammu, Pin - 900172 C/O 56 APO** before date & time of opening of cover-1.

5.3 The tender shall be submitted online at www.defproc.gov.in by due date and time as given under critical dates. The bidders who are desirous of participating in 'e-procurement' shall submit their price bids in the standard formats prescribed (BOQ) in the Tender documents, displayed at www.defproc.gov.in. The bidder should upload the scanned copies of all the relevant certificates, documents etc., in the www.defproc.gov.in in support of their price bids. The bidder shall sign on all the statements, documents, certificates, uploaded by him, owning responsibility for their correctness / authenticity.

5.4 The Price Bids will be opened online by the opening officers at the specified date & time and the result will be displayed on the www.defproc.gov.in which can be seen by all the bidders who participated in the tenders. If the office happens to be closed on the date and time of bid opening as specified OR due to unforeseen reason(s), the bids could not be opened on the date and time of bid opening as specified, the bid will be opened on the next working day on same venue and on the time as decided by the accepting officer without assigning any reason. No claim will be entertained on this account.

5.5 The concerned officer/officers will evaluate and process the lowest tender offline and will communicate the decision/acceptance to the bidder online / by registered post. After the award of the contract, an agreement shall be signed by both the Parties offline.

5.6 The department does not take any responsibilities for non-availability of internet connection or network busy etc for online submission of bids at any stage. The MES will not be responsible for any error/mistake in downloading/uploading of documents by the Bidder. No claim whatsoever will be entertained on this account.

5.7 One bidder can submit only one bid for one work/project. If any bidder submits more than one bid, his bids will be rejected summarily.

INSTRUCTIONS FOR FILLING IN AND SUBMISSION OF E-TENDER DOCUMENTS
TO BE COMPLIED WITH BY THE CONTRACTOR [Contd...]

5.8 The tender for the work shall remain open for acceptance for a period of 60 (Sixty) days from the Bids submission end date. In the event of lowest tenderer revoking his offer or revising his rates upward/ Offering voluntary reduction after opening of Tender, before the said period or issue of letter of acceptance, whichever is earlier, or makes any modifications in the terms and conditions of the tender which are not acceptable to the department, then the Government, without prejudice to any other right or remedy, shall forfeit the EMD (Earnest Money Deposit) as aforesaid. In case of MES enlisted contractors, the amount equal to the EMD stipulated in the Notice of Tender, shall be notified to the tenderer for depositing the amount through MRO, failing which the amount shall be recovered from payment due to such Contractor or shall be adjusted from his Standing Security Deposit. Participation for further tender to such tenderer (s) shall also remain suspended till the aforesaid Earnest money is deposited in the Govt Treasury. Further, the tenderer including his related Firms shall not be allowed to participate in the retendering process of the work.

5.9 In case, any tempering/alteration is noticed between the documents as uploaded at the time of submission of the bid online and the original one as uploaded by the officer on behalf of the Accepting Officer **Garrison Engineer Satwari, Jammu, Pin - 900172 C/O 56 APO**, then the bid submitted shall become invalid and the Government shall, without prejudice to any other right or remedy, be at liberty to forfeit the said earnest money as aforesaid. 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, failing which the amount shall be recovered from payment due to such Contractor or shall be adjusted from his Standing Security Deposit. Participation for further tender to such tenderer (s) shall also remain suspended till the aforesaid Earnest money is deposited in the Govt Treasury. Further, the tenderer including his related Firms shall not be allowed to participate in the re-tendering process of the work.

5.10 The bidder should keep checking the website www.defproc.gov.in for any Errata / Amendments to tender documents / Price bid till the Bids submission end date and time of online and bidder must incorporate them in their bid documents.

5.11 Before deadline for submission of bids, the department can modify the bid document(s) by issuing addenda / corrigenda. Any addendum/corrigendum thus issued shall be part of the bidding documents and will be uploaded on the website as a corrigendum. To give prospective bidders reasonable time to take an addendum/ corrigendum into account in preparing their bids, the department may, at the discretion, extend as necessary the deadline for submission of bids. However, no claim will be entertained on this account.

6. The tenderer is expected to be fully conversant with CPM technique and employ technical staff who can use the technique in sufficient detail. Technical books or any other literature on the subject widely available may be made use of by the tenderer.

7. The tenderers attention is drawn to special conditions of the tender regarding preparation of the detailed network and time schedules for the work and his liability for employing sufficient resources to adhere to the schedule. Any inability on the part of tenderer in using the technique will be taken as technical inefficiency and will affect his class of enlistment and future prospects of receiving tenders for works.

8. The contractor shall employ only Indian Nationals after verifying their antecedents and loyalty. Attention is also drawn to Condition 24 and 25 of IAFW-2249, (General Conditions of Contract).

INSTRUCTIONS FOR FILLING IN AND SUBMISSION OF E-TENDER DOCUMENTS
TO BE COMPLIED WITH BY THE CONTRACTOR [Contd...]

9. **Earnest Money**

9.1 Please refer Notice of Tender including Appendix 'A' to Notice of Tender and amendments thereto. The tenderers who have not executed the Standing Security Bond or are not borne on the MES approved list of contractors are required to submit with their tender an earnest money as detailed in Notice of Tender.

9.2 Earnest money shall be in the form of deposit at Call Receipt from a Scheduled Bank in favour of Garrison Engineer or Receipted Treasury Challan Amount being credited to the revenue deposit of GE. Earnest money in form other than those mentioned above such as cheques, Bank Guarantee etc, will not be acceptable.

10. **Performance Security**:- Irrespective whether the contractor enlisted in MES or not are required to be deposited the performance security (Refer condition 19 of IAFW 2249 & amendment No-47 of IAFW 2249) for an amount as applicable of the accepted contract amount by the successful bidder within 28 days from date of intimation letter of acceptance and all other

provision shall be applicable as per condition 47 of IAFW-2249. **Work order shall be placed only after receipt of performance security of value as notified by the Accepting Officer.**

11. The General Conditions of contracts (IAFW-2249) in the printed form including amendments and errata thereto and the Schedule of minimum wages form part of the tender documents but have not been sent alongwith the tender. These documents can be gone through by the tenderer at any MES office during office hours. The tenderer will be deemed to have full knowledge thereof and no claim will be admitted on account of any misunderstanding in complying with this contractual requirement.

Yours faithfully,

Signature of the Contractor

AGE(Contract)
for Accepting Officer

MILITARY ENGINEER SERVICES**e-NOTICE INVITING TENDER (NIT)****APPLICABLE FOR LUMP SUM CONTRACTS / ITEM RATE CONTRACTS ***

(* Retain as applicable)

1. A tender is invited for the work as mentioned in Appendix 'A' to this **e-NOTICE INVITING TENDER (NIT)**.
2. The work is estimated to cost as indicated in aforesaid Appendix 'A'. The estimate, however, is not a guarantee and is merely given as a rough guide and if the work cost more or less, a tenderer/bidder will have no claim on that account. The tender shall be based on as mentioned in aforesaid Appendix 'A'.
3. The work is to be completed within the period as indicated in aforesaid Appendix 'A' in accordance with the phasing, if any, indicated in the tender from the date of handing over site, which will be on or about two weeks after the date of Acceptance of tender.
4. Normally contractors whose names are on the MES approved list for the area in which the work lies, and within whose financial category the estimated amount would fall, may tender/bid but in case of term contracts, contractors of categories SS to E may tender/bid. Not more than one tender/bid shall be submitted/uploaded by one contractor or one firm of contractors. Under no circumstances will a father and his son (s) or other close relations who have business dealing with one another be allowed to tender/bid for the same contract as separate competitors. A breach of this condition will render the tenders/bids of both the parties liable for rejection.
5. The Office of **Garrison Engineer Satwari, Jammu** will be the Accepting Officer here-in-after referred to as such for purpose of the contract.
6. The Technical Bid and Financial Bid (Cover-1 and Cover-2) shall be uploaded by the tenderer/bidder on or before the date & time mentioned in NIT. A scanned copy of DD with enlistment details/ documents shall be uploaded as Packet-1/Cover-1 ('T' bid) of the tender/bid on e-tendering portal. DD is refundable in case T bid is not accepted resulting in non-opening of 'Q' bid. The applicant contractor shall bear the cost of bank charges for procuring and en-cashing 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 defproc.gov.in site for download and shall form part of contract agreement in case the tender/bid is accepted.
 - 6.2 In case of contractor who has not executed the standing security Bond, the Cover-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 **GE Satwari** by a scheduled Bank or in receipted treasury Challan the amount being credited to the revenue deposit of **GE Satwari**.
 - 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.
 - 6.4 The GE will return the Earnest Money wherever applicable to all unsuccessful tenderers/bidders by endorsing an authority on the deposit-at-call receipt for its refund on production by the tenderer/bidder a certificate of the Accepting Officer that a bonafide tender/bid was received and all documents were returned.

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

- 6.5 The GE will either return the Earnest Money to the successful tenderer/bidder by endorsing an authority on the deposit-at-call Receipt 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.
- 6.6 Copies of the drawings and other documents 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 AGE during working hours.
7. The tenderers/bidders are advised to visit the site of work by making prior appointment with AGE. The tenderers/bidders are deemed to have full knowledge of all relevant documents, samples, site etc. whether they have inspected them or not.
8. Any tender/bid which proposes any alteration to any of the conditions laid down or which proposes any other condition or prescription whatsoever is liable to be rejected.
9. The uploading of bid implies that bidder has read this notice and the conditions of contract and has made himself aware of the scope and specification of work to be done and of the condition and rates at which stores, tools and plants etc will be issued to him and local conditions and other factors having bearing on the execution of the work.
10. Tenderers/bidders must be in possession of a copy of the MES Standard Schedule of Rates (see Appendix 'A') including amendments and errata thereto.
11. Invitation for e-tender does not constitute any guarantee for validation of 'T' bid and subsequent opening of finance bid of any applicant/bidder, even of enlisted contractors of appropriate class, merely by virtue of enclosing DD. Accepting officer reserves the right to reject the 'T' bid and not open the finance bid of any applicant/bidder. 'T' bid validation shall be decided by the Accepting officer based on, inter alia, capability, of the firm as per criteria given in Appx 'A' to this NIT. The applicant contractor/bidder will be informed regarding non-validation of this 'T' bid assigning reasons thereof through the **defproc.gov.in** website, The applicant contractor/bidder if he so desire may appeal to the next higher Engineer authority viz **HQ CWE Jammu** on email id **cwej55@gmail.com** with copy to the Accepting officer on email before the scheduled date of opening of Finance Bid. The decision of the Next higher Engineer Authority (NHEA) shall be final and binding. The contractor/bidder shall not be entitled for any compensation whatsoever for rejection of his bid.
12. The Accepting 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.
13. Accepting officer does not bind himself to accept the lowest or any tender/bid or to give any reason for not doing so

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

14. If original DD against tender cost is not received from MES enlisted contractors within a period of 5 (five) days from the Bid submission end date and time, subject to satisfying other prequalifying criteria, the financial bid shall be opened. The amount of cost of tender shall be recovered from any amount due to the MES enlisted contractor. Failure of non submission of hard copy of DD tantamount to wilful negligence with ulterior motive and therefore the tenderer shall be barred to tender during the period of 6 (six) months commencing from the date of opening of financial bid and in case of unenlisted contractors, if original DD is not received within the time stipulated above, the Cover 1 ('T' bid) shall not be validated for opening of financial bid. Name of such contractors alongwith complete address shall be circulated to all MES formations for non opening of bids for the period of six months commencing from date of opening of financial bid.
15. Tenderers who have failed to submit original DD pertaining to Earnest Money deposit (whether unenlisted or enlisted who has not lodged Standing Security Deposit) by stipulated date, shall be declared ineligible for opening of Financial Bid.
16. It is mandatory on the part of tenderers who want to participate in tendering for the work to have **Employees Provident Fund Code number**.
17. In the present system of e-tendering, the financial bid of the tenderer is frozen on the last date of bid submission / extended date of bid submission. Any revocation /withdraw/change of bid after submission of last date and time shall be considered as revocation of bid and financial penalty as stipulated in tender shall be levied to the bidder.
18. The tenderer is supposed to check, if any revised BOQ has been uploaded and quote in revised BOQ only. Thus uploading quotation/ bid in pre-revised BOQ shall be considered as a wilful negligence by the bidder and his quotation shall be considered as "NON-BONAFIED"
19. This notice inviting tender (NIT) including Appendix 'A' shall form part of the contract.

(Signature of Contractor)

Dated : _____

AGE(Contract)

For Accepting Officer

APPENDIX 'A' TO NOTICE INVITING e-TENDER (NIT)**NIT NO : 24 of 2023-24****Tender ID No : 2023_MES_601057_1**

1	Name of Work	PERIODICAL SERVICES INCLUDING REPAIRS TO ROOF RAIN WATER PIPE EXTERNAL PLASTER WINDOW GLASS PANES ETC TO MD ACCNS OTM ACCNS OF MH AND RAIPUR SATWARI UNDER AGE B/R-II AT GE SATWARI.
2	Estimated Cost	Rs. 40.00 Lakh (At Par Market)
3	Period of Completion	270 Days
4	Cost of tender documents	Rs. 500.00 in the form of DD/Bankers Cheque from any Schduled Bank in favour of GE Satwari and payable at Jammu (Note : In case of retendering the contractor who had quoted in the previous call is not required to submit the cost of tender.)
5	Website/portal address	www.defproc.gov.in and www.mes.gov.in
6	Type of Contract	The tender shall be based on (IAFW-1779A) and General Conditions of Contracts (IAFW-2249) with Schedule 'A' (list of items of work). The tenderers are required to quote their rates against items of Schedule of works (BOQ).
7	Timeline details :	Refer critical dates on the website.
	(a) Bid submission start date	
	(b) Bid submission end date	
	(c) Date of bid opening	
8	Eligibility Criteria	
	For MES enlisted contractors.	Contractor shall be enlisted with MES in Class 'D' and above and category 'a(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.
	For contractors not enlisted eith MES.	Contractor shall be enlisted with MES should meet the enlistment criteria of 'D' Class & 'a(i)' category contractor with regard to satisfactorily completion of requisite value works with Central/State Government/ Central/ State PSUs/ AWHO/ AFNHB/ CGEWHO/ DGMAP, annual turnover, bank solvency, working capital and other requirements given Para 1.4 & 1.5 of section 1 of MES formations as well as MES website (www.mes.gov.in). Not carrying adverse remarks in Work Load Report (WLR) or any other similar report circulated by any competent authority, if already working in MES. Not suspended/debarred/blacklisted (either permanently or temporarily) from participating in any bid or for business dealings by any Central/State Government Department or any Central/State Government PSU or any Autonomous Body under Central/State Government or any Local Body as on the bid submission end date.
9	Tender issuing and Accepting Officer	Name: Sh Vijay Nehra, IDSE, EE Address: GE Satwari, PIN-900172, C/O 56 APO Phone No. 0191-2956553 Email Id : satwarige@gmail.com

10	Executing agency	GE Satwari, Pin-900172 C/O 56APO
11	Earnest Money	Rs. 80,000.00 in favour of GE Satwari in the form of Deposit at call receipt, FDR not acceptable.

NOTES :

1. After opening of Cover 1, if 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 less than 7(seven), applications in respect of contractors 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 contractors one class below (two classes below in case of remote and difficult areas) may also bid for this tender. However contractors of one/two classes below the eligible class shall not be considered in case their present residual work in hand is more than twice their present tenedering limit. Such bidders shall upload in their Cover-1 bid details of works in hand showing names of work, name of accepting officers, Contract amounts, date of commencement and completion (stipulated) and progress as on bid submission date. These details shall be verified by the Tender Issuing Authority from concerned formations in Case of bids of such contractors are considered for evaluation.

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

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

4. Contractors enlisted with MES will upload following documents in Cover 1 for checking eligibility:-

(a) Application for tender on Firm's letter head.

(b) Enlistment letter issued 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 1 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 (EMD) instrument.

(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.

(d) All documents required for enlistment in MES for the Class mentioned in Para 8(b) above as per Para 1.5 of Section 1 of MES Manual on Contracts 2020.

(e) Details of works being executed in MES, if any.

(f) Any other document required as described in this Appendix

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

7. Contractors should ensure that their original physical DDs and Earnest Money Deposit (EMD) instruments (as applicable) reach the office of Accepting Officer within 07 days of bid submission end date failing which following action shall be taken.

(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).

(b) In case of tenders from unenlisted contractors, 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).

(c) In case of tender from enlisted and unenlisted contractors, where scanned copies of instruments for Earnest Money Deposit (as applicable) have been uploaded in Cover 1 but the same are not received in physical form within stipulated period, such tenders shall not qualify for opening of financial bid (cover 2).

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 1 and during its technical evaluation, in case any deficiency is noticed in the documents required to be uploaded by the tenderer as NIT, a communication in the form of e-mail/ SMS/Speed Post etc shall be sent to the contractor to rectify the deficiency within a period of seven days from date of communication failing which their financial bid (Cover 2) shall not be opened and contractor shall not have any claim on the same.

10. Invitation for e-tender does not constitute any guarantee for validation of Technical bid and subsequent opening of financial bid of any applicant/bidder merely by virtue of enclosing DD Accepting Officer reserves the right to reject the Technical bid and not to open the financial bid of any 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) viz HQ CWE Jammu on email id cwej55@gmail.com with copy to the Accepting Officer on email 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 is eligible. For this purpose, details of the work 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 quote on revised BOQ (ie 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 tender 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 tender 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 be issued simultaneously. Firms shall be termed as related if Proprietor/one or more Partners/Directors are common. Decision of Accepting Officer on issue/deny the tender to any one of the related firms shall be final and binding.

Signature of Contractor

For Accepting Officer

Case File No : 8835/ 24 / 03 /E8

Dated : 05 Jun 2023

Military Engineer Services
Garrison Engineer Satwari
Pin-900172 C/O 56 APO
Phone No. 01912956553
Email Id : satwarige@gmail.com

IN LIEU OF IAFW-1779-A (REVISED 1955)
TO BE USED IN CONJUNCTION WITH
GENERAL CONDITIONS OF CONTRACTS
IAFW - 2249 (1989 PRINT)

MILITARY ENGINEER SERVICES

Military Engineer Services
Garrison Engineer Satwari
Jammu, Pin – 900172
C/O 56 APO

8835/ 24 / /E8

05 Jun 2023

ITEM RATE TENDER FOR CA NO. GEJM- 24/2023-24 : PERIODICAL SERVICES INCLUDING
REPAIRS TO ROOF RAIN WATER PIPE EXTERNAL PLASTER WINDOW GLASS PANES ETC
TO MD ACCNS OTM ACCNS OF MH AND RAIPUR SATWARI UNDER AGE B/R-II AT
GE SATWARI

1. M/S / Shri _____ of _____
is/are hereby authorized to tender for the above works.
2. The complete tender documents are uploaded on MES portal www.defproc.gov.in . Tender shall be uploaded in two covers viz., Cover-1 and Cover-2. The Cover 1[Technical Bid] and Cover 2 [Finance Bid] will be opened online only as per critical dates given.
3. Any corresponding concerning this tender should be addressed quoting the reference as "Tender No **GEJM- 24 /2023-24** (**Tender ID No: 2023 MES 601057 1**) to office of GE Satwari, Pin – 900172 C/O 56 APO.
4. **THE PRESIDENT OF INDIA DOES NOT BIND HIMSELF TO ACCEPT THE LOWEST TENDER OR ANY OTHER TENDER AND RESERVES THE RIGHT TO ACCEPT TENDER AS A WHOLE.**

Signature of the Contractor
Dated : _____

Signature of the Officer issuing Tender(Document)
Appointment : AGE(Contract)
Dated : ___ Jun 2023

SCHEDULE 'A'**NAME OF WORK: PERIODICAL SERVICES INCLUDING REPAIRS TO ROOF RAIN WATER PIPE EXTERNAL PLASTER WINDOW GLASS PANES ETC TO MD ACCNS OTM ACCNS OF MH AND RAIPUR SATWARI UNDER AGE B/R-II AT GE SATWARI****NOTES :-**

1. The entire work covered under this contract shall be carried out in accordance with description of item of works listed in Schedule 'A' and Particular Specifications forming part of this contract.
2. **Schedule Of Credit** . Contract Sum shall be calculated by deducting amount of Schedule of Credit (Sch 'A' Part-II) if any from total amount of BOQ (Sch 'A' Part-I).
3. All items in these Parts of BOQ (Schedule 'A') are for 'Material and Labour' or 'Supply and Fixing' and 'Testing' as applicable complete, unless specifically described otherwise as "Labour only" and/or "Supplying only" in the description of Particular item under Col '2'.
4. BOQ (Sch 'A') has not been pre- priced by MES .The tenderer are required to work out and quote their unit rate price for each item of works as catered in schedule in the manner set out in condition 6 A (A) of IAFW-2249 and quote their rates online per unit under column 6 in figures only and total amount of each item shall be automatically calculated under Column-8 on portal www.defproc.gov.in.
5. Method of Measurement for all Items of BOQ (Schedule 'A') shall be as given in MES Standard Schedule of Rates 2020, unless specifically stated otherwise elsewhere in tender documents for any particular item of work.
6. Description of items of works given under Column '2' of all Parts of BOQ (Schedule 'A') is in brief. These shall be deemed to be amplified and read in conjunction with Special Conditions, Particular Specification, Specifications contained in the relevant trade sections of MES Standard Schedule of rates (SSR) including preambles and contract drawings including notes therein. The tenderers are requested to visit the site to access working condition before quoting their rates. No claim on this ground shall be entertained at later stage.
7. **PERIOD OF COMPLETION** : The entire work covered under this contract comprising buildings/works described in Schedule 'A' shall be completed within an overall period of **270 (Two Hundred seventy) Days** from the date of commencement of work as given in the Work Order No '01'.
8. The contractor shall organise required tools, plants and transportation etc at his own level. Cost element of organising and functioning of these shall be included in the unit rates quoted by the tenderer and nothing extra shall be payable to the contractor in this regard.
9. The contractor's quotation shall be deemed to include all taxes including GST (CGST & SGST) on materials, GST (CGST & SGST) on works contract, labour welfare cess and like etc and shall also include any other local taxes etc as levied by the State Government payable under respective statutes. Any other condition stipulated by the tenderer regarding sales tax on works contract or any other taxes/duties will not be considered and such tender shall be liable for rejection.
10. **Notes for Internal Wiring** :
 - (a) Unit rate includes for cutting chases for conduits and sinking for boxes, making good to walls / floors etc., complete, including white wash / colour wash as directed.
 - (b) On RCC roof ceiling PVC conduits shall be provided on surface for fan / light etc . and properly fixed with clamps all as specified and directed.
 - (c) Proper connection has to be made with tinned copper thimble like earthing of switch board, fittings connection to fitting etc. and uniform coding of wiring i.e red / yellow / blue for phase black for neutral and green for earth is to be maintained.

Contd.....

SCHEDULE 'A'(contd...)**11. PERFORMANCE SECURITY:-**

11.1 The successful bidder/contractor shall delivered to the Accepting Officer a performance security as described within 28 days of receipt of the letter of Acceptance in any of the form given for **an amount equivalent to 5% of the contract sum**. Work order No 1 shall be placed only after submission of performance security of adequate value by the contractor

(a) A Bank Guarantee in the prescribe form.

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

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

11.3 Failure of the successful contractor to comply with the requirements of sub-clause 11.1 shall constitute sufficient grounds for cancellation of the award of work and forfeiture of the Earnest Money. In case of MES enlisted contractor, amount equal to the Earnest Money stipulated in the Notice Inviting Tender, shall be notified to the tenderer for depositing the amount through MRO. Issue of tender to such tenderers shall remain suspended till the aforesaid amount equal to the Earnest Money is deposited in Government Treasury.

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

11.5 In the event of contract being cancelled, under Condition 52, 53 & 54 of General Conditions of Contract, the Performance Security shall be forfeited in full and shall be credited into Consolidated Fund of India.

11.6 **REFUND OF PERFORMANCE SECURITY** The Performance Security Deposit mentioned in Sch "A" Note No. 11.1 to 11.5 above may be refunded to the contractor after the expiration of the defects liability period (vide condition 46) by the GE provided always that the contractor shall first have been paid the final bill and have rendered a "No-Demand certificate" (IAFW-451).

12 **Defects liability Period:-** The defect liability period of this work shall be **12(Twelve)** calendar months from the actual date of completion of work as certified by GE.

13. Keeping in view of corona virus outbreak and various directions on the subject issued by Gol, contractor shall be required to take precautions given below without extra cost to the Government and quoted rates shall be deemed to be included for same.

- a) Contractor to ensure total ban on non-essential visitors at sites and in case of a cordoned labour camp maintained by the contractor. Labour should be escorted properly to work site and back with minimum interaction with station personnel and this is to be ensured by the contractor.

Contd.....

SCHEDULE 'A'(contd...)

- b) Supervision of Labour Camp by contractor for hygiene and sanitation, and all personnel in the labour camp or at site are to be screened periodically for fever, coughs or any other symptoms of COVID-19.
- c) Contractor to ensure provision of N-95 mask / 500 ml sanitizer every 10 days per person / soap water for all personnel at sites carrying out construction activity. Wearing of face cover is compulsory in all places.
- d) Contractor should ensure strict ban on gutka, tobacco etc. and spitting which is strictly prohibited. Fine of Rs. 1000/- per person if found violating this prohibitory orders alongwith legal action as applicable will be initiated if found guilty.
- e) Contractor to ensure proper disposal of waste generated at the labour camp / work site to avoid flight safety hazard by attracting insects, mosquitoes, flies and birds.
- f) The workers are to be employed on shift basis as far as possible and stagger the lunch breaks of labour to ensure social distancing.
- g) Contractors to ensure compulsory medical insurance of labours as per IRDA rules.
- h) Contractor should ensure atleast 06 feet distance is to be maintained by the labours at the work sites.
- i) Contractor should provide hand washing arrangements at work site and labour camp with soap to maintain proper hygiene. Hand wash and sanitizer preferably with touch free mechanism to be provided at the locations.
- j) Sanitary arrangement as given in condition 26 of IAFW-2249 to be strictly followed.
- k) Contractor to promote use of Arogya app at site of work.
- l) Proper and special transportation facility will be arranged without any dependency on public transport system from the contractor's labour camp to work site. The vehicle should be used only to 30% to 40% of its passenger capacity.
- m) Contractor should arrange for mandatory thermal scanning of everyone entering and existing work site every day.

14. The rate quoted by the tenderer is deemed to include all the above provisions and precautions, required to be strictly implemented at site, to avoid spread of covid 19 endemic at site.

15. The GE will be the final and binding authority to decide upon the equivalency of make & model referred in BOQ/Sch 'A'.

16. The rate quoted by the tenderer shall be inclusive of all type of taxes, levies including GST, labour welfare tax etc. as prevailing on the date of submission of tender

17. The unit rate quoted by the tenderer against respective items of schedule 'A' shall be deemed to include minor details of construction of work, not specifically mentioned in description of schedule 'A' items and/or in the particular specifications/ drawing and which are fairly and obviously intended/essential to the execution of work in a workmen like manner and sound constructions.

18. In case of difference of opinion between the contractor and the GE as to, whether or not certain items of work constitute "Minor constructions details" which is deemed to have been included in the contractor's quoted rates, the decision of the Accepting Officer shall be final, conclusive and binding.

19. The description of Schedule "A" items in BOQ sheet (Excel format) are brief. These shall be read in conjunction with particular specifications, special conditions, method of measurements, preambles contained in MES schedule and General conditions of contracts IAFW- 2249.

SCHEDULE 'A'(contd...)

20. The Contractor shall execute the work in close liaison when the Engineer-in-Charge and GE so that minimum inconvenience is caused to the smooth functioning of the USERS. The decision of GE in this regard shall be Final and Binding. The Tenderers shall QUOTE their UNIT RATES keeping this in view. No Claim whatsoever on this account shall be entertained by the Government.

21. The contractor shall be responsible to remove all unserviceable materials from site or work at their own arrangement No claim of transportation, labour etc., shall be admissible on this account and payment due to the contractor will be released only after removal of all the demolished/dismantled material from the site of works to outside MOD land to the satisfaction of Engr-in-charge.

22. **BLANK**

23. All materials (unserviceable) obtained from demolition/dismantling shall become contractor's property. Necessary credit thereof as per schedule of credit specified hereinafter shall be recovered from contractor's running bill as and when processed. The contractor shall have no claim whatsoever on the rates fixed by the department. The item wise rate of credit fixed by the department in case is firm and the contractor shall have no claim whatsoever against the department the actual value of dismantled materials turns out to be different from the rates assessed by the department.

24. Personal employed by contractor shall be paid minimum daily wages as laid down by state / Central Government from time to time whichever is higher. The payment to labour shall be made through AADHAR linked bank account/ NEFT. The documents held by the contractor shall be subject to scrutiny by law enforcement agencies.

25. The site plan has not been made part of the tender documents. The site plan is available in GE/AGE office. The tenderer can see the same in the office(s) for site location, Electricity point etc. It will be deemed that Contractor is aware of site and no claim what so ever will be admissible on this account.

26. The Contractor shall procure all the materials in bulk from authorised retailer and The Contractor shall produce vouchers /invoices from the authorised retailer for the full quantity of the materials as applicable as a prerequisite to the Engineer in Charge.

27. The list of buildings/locations/site under which or where work has to be executed is/are available with the Engineer-in-Charge. Contractor's attention is invited to condition 4 of IAFW-2249-General Conditions of Contracts. The contractor should keep in mind while quoting their/his tender, the fact that the buildings/site where the repair/work is to be carried out are under occupation and shall remain under occupation while carrying out the work. The contractor will carry out the work in phased manner in consultation with Engineer-in-Charge. It will be the responsibilities of the contractor to submit in writing his planning program of work seven days in advance to take over site/commence the work or any other requirements. No compensation or extra shall be admissible of any misunderstanding or loss of man-hours. The work under this contract lies in restricted area.

SCHEDULE 'A'(contd...)

28. All safety device/measures, T&P, ladder, Jhula, scaffolding etc shall be provided to workman/tradesmen by contractor without any extra cost of department. This element shall deemed to be included in unit rate of respective item of Sch of works.

29. The work pertaining to sewage cleaning comprises of cleaning of sewers/sewage line/septic tank/man hole/ soak well/soak pit etc. in foul conditions. All safety device/measures to the workmen shall be provided by the contractor before execution of work and all the workers shall be fully insured from a reputed insurance company. Contractor shall submit necessary certificate/policy to the Engineer-in- Charge before commencing such works. The rates quoted by the tenderer shall deemed to be included this aspect into account and nothing extra shall be admissible.

30. Engineer & T&P, Machinery & Transport: Please note that you will be required to strictly ensure engagement of engineers and deployment of T&P, Machinery & Transport as stipulated in the contracts. Inadequate engagement of engineers/deployment 'T&P' Machinery & Transport' as per contract conditions shall be considered as serious lapse attracting ban/ removal/ downgrading/ debarment of the Firm/ Company. In this connection General Condition of Contract (IAFW-2249) Condition 15, 16 & 25 shall be referred and strictly followed.

31. Contractor shall submit on priority material samples to Engr-in-charge within 07 Days of issue of work order.

32. Contractor shall procure items directly from the main producers or through their authorised distributors/dealers and execution of specialized items such as APP waterproofing Treatment, Repair to E/M machinery etc shall be done through authorized trained Personnels.

33. The work requires Electrical Licence in accordance with Rule 29 under Part-III of Central Electrical Authority (Measures relating to safety and electri supply) Regulation 2010, the contractor shall have valid Electrical License issued by the UT of J&K in the name of the firm or get the work executed through any agency having valid Electrical License. Prior to commencement of work copy of valid Electrical License in the name of the contractor or copy of agreement with agency having valid Electrical License along with agency's Elecrical License shall be submitted by the contractor to the GE. In case contractor does not possess valid Electrical License and he intends to get the work executed through any agency having valid Electical License and with whom he has agreement, Prior approval of such agency shall be got done from Accepting Offecer. Reference of Elecrical License and detail of supervisor's certificate of competency and permit of tradesmen employed for execution of electrical work/electrical component of works shall be duly incorporated in the Works Diary and relevant site documents respectively for the whole period during which such work is executed.

34. The work has been tendered for execution in respect of following Jobs/works :-

Srl No	Job No
1.	Maint

Contd..

SCHEDULE 'A' (Contd...)
Sch 'A' Part-II (Schedule of Credit)

NOTES :

1. The contractors are advised to visit the site of work to ascertain the quality of materials to be obtained under Schedule of Credit. No claim whatsoever in this regard shall be entertained at a later stage whether the contractor visits the site or not. The items which are not covered in Schedule of Credit shall be taken on charges and contractor shall deposit these items in MES Store Yard without any extra cost to Govt. However quantities mentioned under Column '4' of Schedule of Credit are provisional. Credit will be deducted on the actual quantity of materials obtained from demolition /dismantling and contractor shall have no claim if the actual quantity of materials obtained from demolition /dismantling is found less/more than the quantity mentioned under Column '4' against each item.
2. Contractors are requested to visit the site of work to get themselves acquainted with the retrieved material. The rate to be quoted against items of BOQ (Bill of Quantities), shall be deemed to include this aspect and no claim whatsoever as regards the condition/availability of the material listed below shall be entertained at a later date.
3. Any other material retrieved from dismantling not listed below shall be returned to MES store yard of **GE Satwari** as per the directions of Engineer-in-Charge.
4. The contractor will remove the demolished/dismantled material from the site of works without extra cost to Govt with the written permission from GE once the recovery is made from the contractor's due.

Srl No	Description of items	A/U	Qty	Rate	Amount
1	2	3	4	5	6
1.	Old unserviceable CI/PVC pipes etc.,	RM	350.00	8.00	2800.00
Total of Sch 'A' Part-II C/O to General Summary on Serial Page No _____					Rs. 2800.00

Signature of the Contractor
Dated : _____

AGE(Contract)
for Accepting Officer

SCHEDULE 'B'
LIST OF MATERIALS ETC TO BE ISSUED TO CONTRACTORS
(SEE CONDITION 10 OF IAFW-2249)

Srl. No.	Description of materials	Rate at which materials etc will be issued to the contractor		Place of issue by Name	Remarks
		Unit	Rate Rs. P.		
1	2	3	4	5	6

-NIL-

Signature of the Contractor
Dated : _____

AGE(Contract)
for Accepting Officer

SCHEDULE 'C'**LIST OF TOOLS AND PLANTS(OTHER THAN TRANSPORT)
WHICH WILL BE ISSUED TO THE CONTRACTOR**

(See condition 15, 34 and 35 of IAFW-2249 of 1989 Print)

S/ No	Qty	Particulars	Details of MES crew supplied	Hire charges per unit per day	Stand by charges per unit per off day	Place of issue	Remarks
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_____NIL_____

Signature of the Contractor
Dated : _____

AGE(Contract)
for Accepting Officer

SCHEDULE 'D'

**TRANSPORT TO BE HIRED TO THE CONTRACTOR
(SEE CONDITION 16 AND 36 OF IAFW-2249)**

S/No	<u>Qty</u>	<u>Particular</u>	Rate per unit of working day	Place of issue (by name)	Remarks
------	------------	-------------------	------------------------------------	--------------------------------	---------

-----NIL-----

Signature of the Contractor
Dated : _____

AGE(Contract)
for Accepting Officer

TENDER

1. THE PRESIDENT OF INDIA
Have examined and perused the following documents
(a) Specifications signed by AGE(Contract), GE Satwari
(b) Drawings detailed in the specifications
(c) Schedule 'A', 'B', 'C' and 'D' attached hereto
2. MES Standard Schedule of Rates-2020 Part-II with Amendment No 1 to 122 for Rates and for Specification SSR-2009 Part-I with Amendment No 1 to 3 respectively, here-in-after and in IAFW-2249 referred to as the MES Schedule.
3. General Conditions of Contracts IAFW-2249 (1989 Print) together with Amendment No 1 to 49 and Errata 1 to 20.
4. Water Condition 31 of IAFW-2249 (General Conditions of Contracts) :-
Water will be supplied by the MES and shall be paid for by the contractor @ Rs.3.75 per Rs.1,000/- worth of work done at contract rates.
5. Should this tender be accepted:
I/We agree-
(a)* That the sum of Rs.-----Rupees-----
forwarded as earnest money shall be retained and refunded by Govt on the receipt of the appropriate amount of Performance Security as per condition 19 of IAFW-2249.

(b) I/We agree to execute all the work referred to in the said documents upon the terms and conditions contained or referred to therein and as detailed in General Summary on the subsequent pages and to carryout such deviations as may be ordered vide condition 7 of IAFW-2249 up to a maximum of **10 (Ten) percent** and further agree to refer all disputes as required vide condition 70 of IAFW-2249 to the sole arbitration of a serving officer having degree in Engineering or equivalent or having passed final/direct final examination of subdivision II of Institution of Surveyors (India) recognised by the Govt of India to be appointed by the Chief Engineer Pathankot Zone or in absence the officer officiating as Chief Engineer Pathankot Zone whose decision shall be final, conclusive and binding.

* Delete whichever is not applicable.

GENERAL SUMMARY1. **BOQ (Schedule 'A' Part-I)**

Total of **BOQ** (Sch 'A' Part-I) brought : Rs _____
forward from Serial Page No ____

Deduct2. **SCHEDULE OF CREDIT**

Deduct Credit for the Material to be retrieved : (-) Rs. 2800.00
from Dismantling / Demolition / Taking Down as
listed in Schedule of Credit (Schedule 'A' Part-II)
on Srl Page No. ____

3. NET TOTAL OF SCHEDULE 'A' C/O TO NEXT PAGE Rs _____

Total brought forward from general summary i.e. Serial Page No _____ Contract Sum of
 Rs. _____ (Rupees _____
 _____ Signature _____ in capacity
 _____ duly authorised to sign the tender for and on behalf of _____
 _____ (IN BLOCK LETTERS)

Dated _____

Witness

1 _____

2 _____

Address _____

Postal Address _____

Telegraphic Address _____

Telephone No. _____

ACCEPTANCE

_____ alterations have been made in these documents and as evidence that these alterations were made before the execution of the Contract Agreement, they have been initialed by the contractor and Sanjay Rambal, AGE(Contract).

The said officer is hereby authorised to sign and initial on my behalf the documents forming part of this contract.

The above tender was accepted by me on behalf of the President of India at the item rates contained in Schedule 'A' for Contract Sum of

Rs. _____ (Rupees _____
 _____)

on the _____ day of _____ 2023.

(VIJAY NEHRA, IDSE)
 APPOINTMENT: GE SATWARI
 (FOR AND ON BEHALF OF THE PRESIDENT OF INDIA)
 ACCEPTING OFFICER

SPECIAL CONDITIONS**GENERAL**

1. (a) General Specification mentioned any where in the contract including those in General Conditions of Contract, viz IAFW-2249, shall mean the specifications given in the MES Standard Schedule of Rates 2009 (Part-I). Particular Specifications given here-in-after are in brief and only to particularise, amend and emphasize the specifications given in the MES Standard Schedule of Rates. Specifications, general rules, preambles and special conditions contained in MES Standard Schedule of Rates 2009 (Part-I) & 2020 Part-II shall unless specifically described otherwise, be applicable to this contract.
(b) All headings and marginal notes to these special conditions or to any other documents of this contract are solely for the purpose of giving a concise indication and not a summary of the contents of the clause.
(c) The tenderers are advised to point out in writing discrepancy(s) if any of the tender documents, at least ten days before the due date of receipt back of tender. In case discrepancy(s) in contract documents is/are noticed by the contractor during execution of the work, it shall be brought out to the notice of the Accepting officer of contract and other concerned in writing before commencement of the particular work where the discrepancy(s) is/are noticed failing which the contractor shall forfeit his right to claim on account of such discrepancy(s).
(d) Also where there are obvious mistake in any of the contract provisions, the Accepting officer shall be the sole deciding authority with regard to the intention of the contract documents and his decision in this respect shall be final, binding and conclusive.
2. **CONDITIONS OF THE CONTRACTS AND EXECUTION OF WORKS:-**
The various sections/sub divisions of the tender documents shall be deemed to be supplementary/ complementary to each other.
3. **INSPECTION OF SITE BY THE TENDERER:-**
(a) The tenderer is advised to contact this office for the purpose of inspection of site(s) and relevant documents other than those sent herewith who will give reasonable facilities for the purpose. The tenderers shall also make themselves familiar with the working conditions, accessibility of site(s) availability of materials and other cogent conditions which may effect the entire completion of work under this contract.
(b) Tenderers shall be deemed to have inspected the site(s) and made themselves familiar with the working conditions, whether they actually inspected the site(s) or not.
4. **RESTRICTION FOR ENTRY TO WORK SITE:-**
All work lies in **RESTRICTED AREA**. The restricted for entry to work site and conditions of working in restricted areas shall be as under :-
 - (a) The contractor/his agents/representatives/ workmen etc. and his material carts, trucks of other means of transport etc. will be allowed to enter through and leave from such gate or gates and at such times as the GE or authorities in charge of the restricted area may at their sole discretion permit to be used. Contractor's authorised representative is required to be present at the places of entry and exit for the purpose of identifying his carts, trucks, etc to the personal in charge of the restricted area.
 - (b) **IDENTITY OF WORKMEN:** Every workmen shall be in possession of an identity card. The identity cards shall be issued after a through investigation of the antecedents of the labourers by the contractor and attested by officer in charge of the units. Contractor shall be responsible for conduct of his regulations of the unit. Contractor shall be responsible for conduct of his workmen, agents or representatives.
 - (c) **IDENTITY CARDS OR PASSES:** The contractor, his agents and representatives are required individually to be in possession of an identity card or pass which will be examined

SPECIAL CONDITIONS (CONTD....)

by the security staff at the time of entry into or exit from the restricted area at any time or number of times inside restricted area.

- (d) **SEARCH**. Thorough search of all persons and transport shall be carried out at each gate and for as many times gate is used for entry or exit and may also be carried any number of times at the site within the restricted area.
- (e) **WORKING HOURS**: The units controlling restricted area usually work during six days in a week and remain closed on the seventh day. The working hours available to the contractor's labour staff reduced because of the time of entry and exit during working hours. The exact working hours, working days and no working days observed for these restricted area(s) where works are to be carried out shall be deemed to have been ascertained by contractor before submitting his tender. The tenderers attention is invited to the fact that number of working hour for a unit are prescribed in regulations and that they can not be increased by GE or authorities controlling the restricted area. The definition of working days as given under condition 1 (t) of IAFW-2249 does not apply in case where the works are carried out in restricted area.
- (f) **WORKING ON HOLIDAYS**: The contractor shall not carry out any work on gazetted holiday, weekly holiday and other non working day except when he is specially authorized in work to do so by the GE. The GE may at his sole discretion declare any day as holiday or non working day without assigning any reason for such declaration.
- (g) **FIRE PRECAUTIONS**.
(i) The contractor, his agents, representatives, workmen etc. shall strictly observed the orders pertaining to fire precaution prevailing within the restricted area.
(ii) Motor transport vehicles, if allowed by the authorities to enter the restricted area must be fitted with the serviceable fire extinguisher and spark arrestor.
- (h) **FEMALE SEARCHER**: If the contractor desires to employ female labour on works to be carried out inside the area of factory, depot, part etc. and a female searcher is not borne on the authorised strength of factory, depot, park etc. at the time of permission of tender, he shall be deemed to have allowed in his tender for pay and allowances etc. for a female searcher (class IV servant) calculated for the period female labourers employed by him inside the area, if more than one, contractor employ female labourer during any month and female searcher(s) has/have to be employed in addition to the authorised strength of the factory, depot, park etc. the salary and allowances paid to the additional female searcher (s) shall be distributed on equitable bases between the contractors employing female labour taking into consideration the values and period of completion of their contracts. The GE's decision in respect of the amount recoverable on this account from any contractor shall be final and binding.

5. **SECURITY OF CLASSIFIED DOCUMENTS:-**

Contractors special attention is drawn to condition 2A&3 of General Conditions of Contract (IAFW-2249). The contractor shall not communicate any classified information regarding the works either to sub-contractor(s) or other with out 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 the work and he shall return all documents on completion of the work or earlier on termination of the contract. The contractor shall along with final bill attach a receipt from the Engineer-in-Charge in respect of his having returned the classified documents as per condition 3 of General Conditions of Contracts (IAFW-2249).

SPECIAL CONDITIONS (CONTD....)

6. **OFFICIAL SECRET ACT:-**
The contractor shall be bound by the Indian Official Secret Act, 1923 particularly section 5 thereof, all as condition 2A of IAFW-2249.
7. **EMPLOYMENT OF PERSONNEL:-**
 - (a) Contractor shall employ only Indian Nationals as his representatives, servants and workmen after verifying their antecedents and loyalty. He shall ensure that no person of doubtful, antecedent and nationality is in any way, associated with the work. If for the reasons of technical collaboration or other considerations the employment of foreign national(s) is unavoidable, the contractor shall furnish full particulars to this effect to the Accepting officer at the time of submission of the tender. As a proof that the contractor has employed only Indian Nationals, he shall render a certificate to GE with in one month from the date of acceptance of the tender to this effect. In case the GE desires, contractor will have the police verification done of personnel employed by him.
 - (b) The GE shall have full powers and without giving any reason to order the contractor immediately to cease to employ in connection with this contract, any agent, servant or employee whose continued employment is, in his opinion, undesirable. The contractor shall not be allowed any compensation on this account.
 - (c) The contractors attention is also drawn to condition 25 of IAFW-2249 in this connection.
8. **AVAILABILITY OF LAND FOR STORAGE OF MATERIALS, TEMPORARY WORK SHOP AND OFFICES ETC.:** No defence land is available for contractor for storage of material and erection of labour camp and temporary workshop/office etc. Condition 24 of IAFW-2249 shall be deemed to be amended accordingly.
9. **DAMAGE TO EXISTING STRUCTURES:-**Any damage to existing structures, any existing road, etc. during the execution of work shall be made good by the contractor at his own expense. Rectification, replacement, making good touching up etc. shall be carried out to conform to the materials and workmanship originally provided and to the satisfaction of the Engineer-in-Charge. In case of any dispute on this account, the decision of GE shall be final, binding and conclusive.
10. **QUARRIES AND ROYALTIES:-**
Quarries are not available on land which is in the charge of MES authorities. Condition 14 of IAFW-2249 shall thus be treated as not applicable.
11. **APPROACHES:-**
The contractor shall make arrangements for and provide at his own cost all temporary approaches, if required to the site(s) after obtaining approval in writing from the GE to the layout of such approaches.
12. **LOCATION OF BUILDINGS AND WORKS:-**
There may be some changes in layout/sitting of buildings shown in site (layout) plan(s) to suit local conditions and/or departmental requirement. The contractor shall have no claim whatsoever to such change in location/sitting of works.
13. **ACTION WHERE NO SPECIFICATIONS EXIST:-**
 - (a) In case of any class of works for which there is no such specifications in the tender documents including SSR, such works shall be carried out in accordance with Indian Standard Specification and where Indian Standard Specifications do not cover the same,

SPECIAL CONDITIONS (CONTD....)

the work should be carried out as per standard Engineering practice subject to the approval of the GE.

(b) No claim whatsoever will be tenable for any misunderstanding or for not having ascertained requisite information/knowledge to muster the resources required in satisfactory completion of the entire work to the requirements as per contract agreement.

28. METHOD OF MEASUREMENT:-Measurement of all measurable work executed under this contract shall be taken in accordance with the rules of measurement as laid down in SSR-2020 pertaining to various items of work as applicable unless otherwise indicated in the respective parts of Schedule 'A'. In case the method of measurement of particular item of work is not given in SSR, a reference will be made to the relevant provision in the latest edition of IS-1200.

15. **CRITICAL PATH METHOD/NETWORK ANALYSIS AND THE TIME SCHEDULE**:-

(a) The time and progress chart, to be prepared as per condition-11 of IAFW-2249 (General Conditions of Contracts) shall consist of detailed network analysis and a time schedule. The critical path network will be drawn jointly by the GE and the contractor soon after acceptance of the tender.

(b) (i) The time scheduling of the activities will be done by the contractor `so as to finish the work same on completion of the time schedule, a firm calendar date schedule will be prepared and submitted by the contractor to GE, who will approve it after due scrutiny.

(ii) The schedule will be submitted in quadruplicate within two week from the date of handing over the site. In case the contractor fails to submit the CPM network diagram, the network prepared by the GE will be binding on him and he will be bound to employ resources of men and materials in the manner directed by the GE.

(c) During currency of the work, the contractor is expected to adhere to the time schedule and this adherence will be part of the contractors performance under the contract. During the execution of the work, the contractor is expected to participate in the reviews and updating of the network undertaken by the GE. These reviews may be undertaken at the discretion of the GE either as a periodic appraisal, measure or when the quantum of the work ordered on the contractor is substantially changed through deviation order(s) or amendments. Any revision of the schedule as a result of the review will be submitted by the contractor to the GE within a week, who will approve it after due scrutiny. The contractor will adhere to the revised schedule thereafter.

(d) In case of contractor not agreeing to the revised schedule, the same shall be referred to the Accepting officer whose decision shall be final, binding and conclusive. GE's approval to the revised schedule resulting in completing date beyond the stipulated the stipulated date of completion shall not automatically amount to a grant of extension of time. Extension of time shall be considered and decided by the appropriate authority in terms of conditions of IAFW-2249 and separately regulated.

(e) Contractor is expected to mobilise and employ sufficient resources to achieve the detailed schedule within the broad frame work of the accepted methods of working and safety.

(f) No additional payment will be made to the contractor for any multiple shift of work or other incentive methods contemplated by him in his work schedule even though the time schedule is approved by the department.

16. **COORDINATION WITH OTHER AGENCIES**:-

The contractor shall permit free access and afford normal facilities and usual convenience to other agencies or departmental workman to carry out connected works or services under separate arrangements. The contractor will not be allowed any extra payment on this account.

SPECIAL CONDITIONS (CONTD....)**17. SECURITY AGAINST LOSS OR DAMAGE****(A) CONTRACTORS PLANTS/EQUIPMENT AT SITE:-**

The contractor shall furnish to the Engineer-in-Charge every morning a distribution return of his plants/equipment's on the site of the work, stating the following particulars:-

- (i) Particulars of plants/equipment, its make, manufacturer No model No if any, registration No if any, capacity, year of manufacture and year of purchase etc.
- (ii) Total No (quantity) on site of work.
- (iii) Location and indication of No (quantity) at each location of site of work.
- (iv) Purchase value on the date of purchase. For the purpose of this condition, plant/equipment shall include vehicles i.e. trucks and lorries but neither the workmen's tools nor any manually operated tools/equipment. The Engineer-in-Charge shall record the particulars supplied by the contractor in works diary and send the return to the GE for the record in his office.

(B) LOSS ON ACCOUNT OF ENEMY ACTION:-

If as a result of enemy action the contractor suffers any loss or damage, the Govt. shall reimburse to the contractor such loss as damage to the extent and in the manner here-in-after provided:-

- (i) The loss suffered by him on account of any damage or destruction of his plant/equipment (as defined in special condition 17a above), materials or any part or parts thereof the amount of loss assessed by Accepting officer of the contract on this account shall be final, binding and conclusive.
- (ii) The compensation paid by him under any law for the time being in force, to any workman employed by him for any injury caused to workmen or the workmen's legal successor for loss of the workman's life.
- (iii) Payment of compensation for loss or damage to any work or part of work carried out. The amount of compensation shall be determined in accordance with the condition 48 of General Conditions of Contracts (IAFW-2249).
- (iv) No reimbursement shall be made nor shall be any compensation be payable under the above provision unless the contractor had taken Air defence precautions ordered by the GE/or concerned, or in the absence of such order, reasonable precautions taken by the contractor.
- (v) No reimbursement shall be made nor shall be any compensation be payable for any plant/ equipment or materials not lying on site at the time of enemy action.

18. ADVANCES ON ACCOUNT:-

(Refer condition 64 of IAFW-2249, sub Para 1 line 1, for interval of payment)

19. WATER:- (Refer condition 31 of IAFW-2249)

Water will be supplied by the MES and shall be paid for by the contractor @ Rs.3.75 per Rs.1,000/- worth of work done at contract rates.

SPECIAL CONDITIONS (CONTD....)**20. ELECTRIC SUPPLY:-**

- (a) In case the contractor desires to by electricity from the MES, he shall be charged for the electric energy consumed at the following rates:-
 - (i) At Rs. 11.40 per unit for light
 - (ii) At Rs. 11.40 per unit for power
- (b) Electricity supply required for the work shall be made available by MES at the point(s) marked on the layout plan. The main switches and energy meter to register the electric energy supplied shall be provided and installed by the MES. The contractor shall provide all necessary cables, fittings etc. from the main switches in order to ensure a proper and suitable supply of electricity for the execution of work. The contractor shall also provide necessary earthing keeping in view the safety requirements. The MES does not guarantee for the continuity of supply and no compensation whatsoever shall be allowed for supply becoming intermittent or for the break down in the system.
- (c) The actual position of supply point(s) for electric energy shall be ascertained by the contractor from the GE before submitting his tender. Irrespective of whether he actually inspected or not, he shall be deemed to have inspected and seen the supply point(s) in consultation with GE before submitting his tender. No claim whatsoever shall be entertained on this account.

21. VALIDITY OF TENDER:-

Tender shall remain open for acceptance for a period of 60 (sixty) days from the date on which the tender is due to be submitted.

22. SAMPLES OF MATERIALS/ARTICLES:-

- (a) Materials/articles provided by the contractor for incorporation in the work shall comply with the requirements of the Indian Standard and shall have ISI certification marking. Items conforming to India Standard Specification shall be accepted only when ISI marked materials are not manufactured. However, before incorporating such materials/items, the contractor shall produce necessary test certificates as required by the GE.
- (b) In case of materials/articles for which Indian Standard are not finalised/issued and therefore not included in the MES Schedule, contractor shall produce the samples and get them approved by the GE in writing before incorporation in the work.
- (c) The contractor is advised to inspect the samples of local building materials, e.g. bricks, stone aggregate, sand etc. and other materials maintained by the CWE/GE before submitting his tender. The contractor will be deemed to have inspected these samples and have full knowledge thereof, whether he inspects or not. The materials to be provided by the contractor shall conform to or be superior to the samples.
- (d) The selection and use of sources for materials shall be subject to the compliance of these specifications read in conjunction with the MES Schedule and relevant Indian Standard specifications.

SPECIAL CONDITIONS (CONTD....)**23. PROPRIETARY MATERIALS/ARTICLES:-**

- (a) The proprietary articles such as anti-termite chemicals, bitumen, tar, tar felt, water proofing compound, paint etc. when brought to site shall be inspected and approved by the Engineer-in-Charge.
- (b) The quantity of proprietary articles brought to site shall be recorded in measurement book (IAFW-2261) and signed by the contractor and the Engineer-in-Charge as a check to ensure that the required quantity has been brought to site for incorporation in the work.
- (c) The proprietary materials shall be stored as directed. Those already recorded in the Measurement book shall be marked suitably for identification.
- (d) The contractor shall be required to submit the purchase vouchers in respect of all items for which payment is claimed in RARs as material laying at site. However the purchase vouchers in respect of following items shall invariably be submitted by the contractor irrespective of whether claimed in RARs as material lying at site or not :-
- | | |
|---|---|
| (i) Cement | (ii) E/M equipments |
| (iii) Steel | (iv) All type of factory made shutters/steel windows & ventilators. |
| (v) Water proofing compound/admixture | (vi) Aluminium sections for all type of joineries |
| (vii) All type of paints | (viii) APP membrane including primer |
| (ix) LT Cables/poles/MCCB/MCB/DB/Light fittings | (x) All type of sanitary fittings/GI Pipe fittings |

The purchase vouchers will clearly indicate the Contract Number, IS No. and specific alternative to which the material conforms in case of various alternatives given in IS.

- (e) in addition to above, the contractor shall on demand, produce to the GE, original receipt vouchers/invoices in respect of the supplies, to ensure that the contractor has actually brought the articles of required quality and quantity from the authorised agent/manufacturer/supplier and also to find out the rates thereof.

24. WATCH/LIGHTING:-

The contractor shall at his own cost take all possible precautions to ensure safety of life and property by providing necessary fencing, barrier, light, watchmen etc. during the progress of work and as directed by the Engineer-in-Charge.

25. MAKING GOOD:-

The contractor shall leave or form holes in concrete(plain or RCC) brick work, stone masonry and in any other situation as required for the work or as directed by the Engineer-in-Charge and make good all the holes in the same mortar and mix as specified for that portion of work.

26. CLEANING DOWN:-

Refer condition 49 of IAFW-2249. The contractor shall clean all floor, remove cement, lime or paint drops, clean joinery, glass panes etc. touch up all painters work and carry out all other necessary items of works in connection therewith and leave the whole premises clean and tidy to the entire satisfaction of Engineer-in-Charge before handing over the items/works. No extra payment shall be admissible to the contractor for this operation.

SPECIAL CONDITIONS (CONTD....)**27. MINIMUM WAGES PAYABLE:-**

(a) Refer condition 58 of IAFW-2249, Govt of India Ministry of Labour (Dept of Labour and Employment) vide notification dated 12 Jul 94 have fixed the minimum rates of wages as updated from time to time for various categories of employees under the Minimum Wages Act-1948. It is expressly mentioned here that although latest notification of labour wages as available with the Depths has been included in the tender, in case the Govt .has further revised the wages, the latest revised wages shall be taken as minimum wages in place of work mentioned in above notification.

(b) Contractors attention is also drawn, amongst other things, the Explanation to the schedule of minimum wages referred to above.

(c) The fair wages referred to in condition 58 of IAFW-2249 will deemed to be the same as the minimum wages referred to above.

28. TAXES/LEVIES

Tendered rates are inclusive of all taxes

29. WORK ON HOLIDAYS:-

The contractor shall not carryout any work on gazetted holidays, weekly holidays and other non-working days except when it is specially authorized in writing to do so by the GE. The GE may at his sole discretion declare any day as holiday or non working day without assigning any reason for such declaration.

30. CONSTRUCTION LABOUR WELFARE TAX:-

Consequent upon promulgation of ordinance by the president of India, the contractor is liable to pay element for construction labour welfare tax. The rates quoted by the contractor shall be deemed to be inclusive of this tax. The construction labour welfare tax at the prevailing notified rates shall be deducted at source by the GE while releasing payment to the contractor under the contract.

31. SAFETY PRECAUTIONS

The contractor shall take every precaution to control traffic on road by keeping danger boards, necessary lighting arrangements, fencing etc. and watchmen to avoid any damage. In case due to excavation or otherwise the road is to be blocked, the contractor shall without any extra cost to the Government provide separate by-pass so that normal traffic is not disturbed . Any damage to existing road/building etc. shall be made good by the contractor with the same specifications as per existing work without any extra cost to the Government . In the event of contractor not fully complying with the above provision to the satisfaction of GE , the GE may provide the same for which the expenses incurred shall be recovered from the contractor.

32. BANK GUARANTEE BOND

In case the contractor desires to furnish Bank Guarantee in lieu of retention money/security deposit , the guarantee bond shall be executed as per specimen prescribed by the Government of India, Ministry of Defence on Non-judicial stamp paper(s) of appropriate value from a schedule bank. In case the Bank Guarantee Bond is executed from a non schedule Bank the same shall be supported with cover from Reserve Bank of India, Guarantee Bond shall come into force after the same is accepted by the Accepting officer.

33. TESTING OF MATERIALS :

(i) A Level Tests for Works Costing Rs. 100 Lakhs and above : The contractor shall set up site laboratory for testing of materials (except Sch 'B' materials) for 'A' level tests as listed in Appendix 'B' hereto. The contractor shall arrange all equipments/machines for the tests specified in Appendix 'B' as 'A' level tests at his own cost with prior approval of GE. This cost shall be included in the lumpsum/contract sum quoted by the contractor. The

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contractor shall employ a competent technical representative as approved by the GE for the purpose of testing and all such tests shall be carried out in the presence of E-I-C. The successful test results thereof shall be recorded and signed jointly by the contractor and E-I-C. The charges for these tests i.e. 'A' level tests carried out in site laboratory of the contractor shall not be recovered. In case, the contractor has not set up the site laboratory and the tests are carried out in Zonal or any other laboratory setup/approved by GE, the recovery shall be made at the rates applicable i.e. as given in Appendix 'B'.

(ii) A Level Tests for Works costing upto Rs. 100 Lakhs : The contractor may set up site laboratory at his option for works costing upto Rs. 100 lakhs. The other stipulations will be same as specified in preceding para (i). However, in case the contractor has not setup the site laboratory and tests are carried out in Zonal or any other laboratory approved/setup by GE the recovery shall be made at rates applicable i.e. as given in Appendix 'B'.

(iii) B & C Level Tests : For tests of 'B' and 'C' level as indicated in Appendix to SC No. 32, the contractor shall provide all facilities for testing of materials at Zonal laboratory/Govt. approved laboratories or Test House/Engg. colleges at his own cost. The lumpsum/rates quoted by the contractor shall deemed to be inclusive of these tests. The rates of various tests conducted in Laboratory of MES are indicated in Appendix 'B'. The contractor shall bear the actual charges of 'C' level tests (to be done in labs other than MES labs) irrespective of rates indicated in Appendix 'B'. Wherever it is convenient to get 'B' level tests done at approved Test House/Engg. college, the same can be done at the cost of the contractor and no separate recoveries will be made by the Department for the same.

(iv) The recoveries on account of testing charges wherever applicable shall be effected from the running account payments due to the contractor payable after completion of the respective tests or whenever the test is due, whichever is earlier.

34. **REIMBURSEMENT/ REFUND ON VARIATION IN "TAXES DIRECTLY RELATED TO CONTRACT VALUE"**

- (a) The rates quoted by the Contractor shall be deemed to be inclusive of all taxes (including GST (CGST & SGST) on materials, GST (CGST & SGST) on Works Contracts, Labour Welfare cess etc shall be made except as provided in Sub Para (b) here-in-below.
- (b) (i) The taxes which are levied by Govt. at certain percentage rates of contract Sum/Amount shall be termed as "taxes directly related to contract Value" such as GST(CGST & SGST) on Works Contracts, Labour Welfare Cess and like but excluding Income Tax. The tendered rates shall be deemed to be inclusive of all "taxes directly related to contract value" with existing percentage rates as prevailing on last due date for receipt of tenders. Any increase in percentage rate 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 rate of "taxes directly related to Contract value" with reference to prevailing rates on last due date of receipt of tenders shall be refunded by the Contractor to the Govt/deducted by the Govt from any payments due to the contractor. Similarly imposition of any new "taxes directly related to contract value" after the last due date for receipt of tenders shall be reimbursed to the contractor and abolition of any taxes directly related to contract value" prevailing on last due date for receipt of tenders shall be refunded by the contractor to the Govt/deducted by the Govt from the payments due to the contractor
- (ii) The contractor shall, within a reasonable time of this 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's as the GE may require.

(SPECIAL CONDITIONS (CONTD....))

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

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

35. Performance Security(Refer condition 19 of IAFW-2249):-

35.1 The successful bidder/contractor shall delivered to the Accepting Officer a performance security as described within 28 days of receipt of the letter of Acceptance in any of the form given for **an amount equivalent to 5% of the contract sum**. Work order No 1 shall be placed only after submission of performance security of adequate value by the contractor.

(a) A bank Guarantee in the prescribed form.

(b) Government securities, FDR or any other Government instruments stipulated by the accepting officer.

35.2 If the performance security is provided by the successful contractor in the form of a bank Guarantee, it shall be issued by Nationalized/ Scheduled Indian bank but its confirmation shall be done only from the head office of the Bank.

35.3 Failure of the successful contractor to comply with the requirements of sub- clause 37.1 shall constitute sufficient grounds for cancellation of the award of work and forfeiture of the earnest money. In case of MES enlisted contractor, amount equal to the earnest money stipulated in the notice inviting tender, shall be notified to the tenderer for depositing the amount through MRO. Issue of tender to such tenderers shall remain suspended till the aforesaid amount equal to the earnest money is deposited in government treasury.

35.4 All compensation or other sums of money payable by the contractor to the Government under the terms of this contract or under any other contract with government may be deducted from, or paid by the sale of a sufficient part of the performance security or from the interest arising there from or from any sums which may be due or become due to the contractor by the Government on any account whatsoever and in the event of the performance security being reduced by reason of any such deduction, or sale as aforesaid, the contractor shall within ten days thereafter make good in cash or securities, endorsed as aforesaid, any sum or sums which may have been deducted from or realized by the sale of his performance security or any part thereof.

Government shall not be responsible for any loss of securities or any depreciation in the value of securities while in their charge nor for loss of interest thereon.

35.5 In the event of contract being cancelled, under condition 52, 53 & 54 of General conditions of contract, the performance security shall be forfeited in full and shall be credited into consolidated fund of india.

36. Refund of Performance Security:- The performance security mentioned in condition 19 of IAFW-2249 may be refunded to the contractor after expiration of the defects liability period (vide condition 46 of IAFW-2249) by the GE provided always that the contractor shall first have been paid the final bill and have rendered a No Demand Certificat(IAFW-451).

Signature of the Contractor
Dated : _____

AGE(Contract)
for Accepting Officer

PARTICULAR SPECIFICATIONS**1. GENERAL**

1.1 Work under this contract shall be carried out in accordance with Sch 'A' Particular Specifications, Drawings (as and where applicable) , General Specifications and other relevant provisions contained in MES Schedule 2009 (Part-I) & 2020 (Part-II) read in conjunction with each other.

Terms "General Specifications" referred to here in before as well as referred in IAFW-2249 (General conditions of contract) shall mean the Specification contained in the MES Standard Schedule of Rates (2009), Part-I, Specifications.

1.2 General Rules, Specifications, Special Conditions and all preambles in the MES Schedule shall deemed to be applicable to the work under this contract unless specifically stated otherwise in these documents in which case the provisions in this document shall take precedence over the aforesaid provisions in the MES Schedule. The term "as specified" wherever appears in the tender documents and drawings, relates to relevant particular specification and in its absence General Specification. All reference to MES Schedule /SSR in these specification relate to Part-I of MES Standard Schedule of Rates 2009 unless otherwise mentioned. Reference to some paragraphs of MES Schedule have been made in these particular specifications but other connected paragraphs and provisions, as applicable in relevance with the work are also to be followed for all parts of schedule 'A'.

1.3 Where Specifications for any item of work are not given in MES Schedule or in these Particular Specification, Specification as given in relevant Indian Standard Code of Practice shall be followed.

1.4 Rates quoted by the tenderer shall be deemed to include for any minor details/items in relevance with connected item of work and/or constructions which are obviously and fairly intended and which may not have been included in these documents but which are essential for execution and entire completion of the work. Decision of the Accepting Officer as to whether any minor detail of work and/or construction is obviously and fairly intended to be included in the contract or not, shall be final, conclusive and binding.

1.4.1 In the event of any missing minor details as averred above, minimum essential requirement of completion of the work from structural and utility point of view shall be deemed to be included in the unit rate quoted. In the event of any dispute, decision of the Accepting Officer shall be final, binding and conclusive.

1.5 MATERIALS

1.5.1 All the material to be procured by the contractor for incorporation in the work under this contract (with the exception of local materials like stone aggregate stones and sand etc) shall be with ISI certifications mark. (Also refer para 1.5.2 below).

1.5.2 However if any specific makes/manufacturer names are specified in Sch 'A ' or Particular Speciation, materials shall be of these specific makes/manufacturers only. ISI marking will not be mandatory for materials/items where makes/manufacturer have been specified unless the items of makes/manufacturer specified are available both with ISI marking and without ISI marking. If any material is not manufactured with IS certifications mark in the country, it shall be conforming to relevant IS and other specifications specified elsewhere or shall conform to the samples displayed in GE's Office as applicable.

1.5.3 Indian standard (IS) of the year of publication/edition listed or specified in the SSR part-I shall be applicable alongwith all the amendments issued till the date of issue of this tender unless specifically indicated otherwise elsewhere in this tender documents.

1.6 LOCAL MATERIALS

Irrespective of actual distance involved, local material such as stones, coarse/fine aggregate, road metal etc shall conform to or superior to the specifications and to the samples kept in the office of GE's/EIC. The tenderers shall be deemed to have inspected these samples and have full knowledge there of whether they inspect them or not before quoting their tender.

1.6.1 SAMPLE OF MATERIALS: -

(Refer condition 10 of IAFW-2249)

- (a) Specific requirements, regarding dimensions strength weight and finishes as per IS, SSR and the particular specifications given here-in-after vis- a- vis actual properties check, tests carried out, reference to test certificates and marking, etc based on which samples of each materials are approved as conforming to relevant specifications shall be recorded in the sample approval register.
- (b) The contractor shall not procure materials unless the samples are first got approved from the Garrison Engineer/EIC.

PARTICULAR SPECIFICATIONS (CONTD..)1.6.2 RECORD OF MATERIALS:-

(a) The quantity of materials such as paints, Liquid water proofing admixture and the like which loses their identity after incorporation in the work as directed by the Engineer-in-Charge, shall be recorded in measurement books and signed by the contractor and the Engineer-in-Charge as a check to ensure that their required quantity has been brought at site for incorporation in the work.

(b) Materials brought to site shall be stored as directed by the Engineer-in-charge and shall be suitably marked for identification.

(c) The contractor shall on demand produce to the GE/EIC, original purchase vouchers / invoices in respect of the supplies. Vouchers/ invoices so produced and verified shall be stamped by the Engineer-in-Charge indicating contract number. The contractor shall ensure that the materials are brought to site, in manufacturer's original sealed containers/packing bearing manufacturer's marking except in the case of requirement of materials being less than smallest packing.

(d) The contractor shall produce to the GE in original printed and machine numbered purchase vouchers/ invoices including manufacturers test certificate for the materials shown here in after. (as applicable and as required for incorporation in the work), whenever procured and brought to site of work for incorporation in the work. A Xerox copy of defaced original Vouchers/ invoices by the Engineer-in-Charge there of stating "verified for materials purchased and brought to the site of work for incorporation in the work under CA" and signed with date shall be submitted to the GE/EIC.

- (i) Steel
- (ii) Water proofing Compound/Liquid admixture
- (iii) Timber
- (iv) Factory made shutters
- (v) Particle boards, block boards, ply wood, plastic laminated sheets, pre-laminated particle boards and the like.
- (vi) Builders hardware
- (vii) Pressed steel door frames
- (viii) Steel window and ventilators
- (ix) Paints, Distempers, varnish cement base paint and the like
- (x) GI tubing and all water supply fittings & valves.
- (xi) SGWS pipe
- (xii) Cast iron pipe
- (xiii) All electrical & mechanical equipment s
- (xiv) Sanitary fittings

Payment in respect of above materials shall neither be made in the RARs nor these will be allowed for incorporation in the work unless purchase vouchers/ invoices and test certificate of manufacturer as stated above are produced by the contractor and are verified by the Engineer-in-Charge.

1.6.3 The quantity of all the proprietary materials (including the materials, the quantity of which can not be checked after incorporation in the works as stipulated in clause 1.6.2 (a) here in before) shall be recorded in Measurement Books and signed by the contractor and the Engineer-in-Charge as a check to ensure that the required quantity has been brought at site for incorporation in the work.

1.7 STANDARD OF WORKMANSHIP

To determine the acceptable standard of workmanship and layout of fittings, wiring etc GE may order the contractor to execute certain typical portion of work (different trades) and services sufficiently in advance of other work if so desired by the Accepting Officer. These shall be executed and completed under the close supervision of the Engineer-in-Charge and shall be got approved from GE. On the approval by the Accepting Officer of such items, these items shall be signed and/or suitably identified by the Accepting Officer and labelled as guiding samples. Approved finishes/ workmanship shall be followed in the work as a whole.(not applicable for Term Contracts)

1.8 SCOPE OF WORK

The scope of work under this contract comprise of entire completion of work as per Schedule 'A' and in General Summary (Where applicable) all as specified in these particular specifications and General Specifications .

2. DEMOLITION AND DISMANTLING

2.1. Refer section 21 of SSR- Part –I in General.

2.2 The tenderers shall visit the site of work to assess nature and extent of work involved in demolition/dismantling and the quantity and quality of material obtainable there from. The tenderer shall be deemed to have visited the site and availed the pre-tender opportunity to assess all the eventualities, which may affect his quotation whether he actually visits or not.

PARTICULAR SPECIFICATIONS (CONTD..)

2.3 The contractor shall take all necessary precautions for the protection of adjoining property/building while taking up work of dismantling/demolition. Any damage to exiting property/building shall be made good by the contractor without any extra cost to the department.

2.4 The material obtained under Sch of credit shall be handed over to the contractor by the EIC on a proper gate pass and credit for demolished/dismantled material for these items will be deducted from the RAR paid subsequent to demolition/dismantling of the work catered for is executed. But in no case the material shall be allowed to be removed from the site until the credit has been recovered by the Govt.

2.5 The contractor will remove demolished/dismantled material serviceable and unserviceable material from the site of work without any extra cost to Govt.

2.6 SAFETY IN CONSTRUCTION: Refer clauses 1.16 and 21.6 of MES Standard Schedule of Rates Part-I (2009).

3. EXCAVATION AND EARTH WORK

3.1 GENERAL REQUIREMENTS :

Refer Section 3 of MES Schedule Part-I and Special Conditions to Section 3 of MES Schedule Part II. Soft/loose soil, hard/dense soil mixed with boulders as defined or soft or disintegrated rock and mud shall be classified as any type of soil.

3.2. FILLING IN TRENCHES/UNDER FLOORS: The approved earth shall only be used for filling in trenches, under floors and any other situation as specified after removing big stones, grass roots and vegetable moulds, or other organic matter. Earth mixed with small stones/pebbles (if approved by GE/EIC) is permitted for use in filling under floors and foundations. Any earth required for the purpose of filling shall be arranged by the contractor at no extra cost to the department from outside the defense land.

3.2.1 Filling under floors/sides of trenches shall be in layers not exceeding 250mm thick, and each layer shall be watered and well rammed.

3.2.2 Surplus spoil shall be removed and spread at places as directed by the Engineer-in-Charge.

3.3 BAILING/PUMPING OF WATER

All water that may accumulate in trenches of foundation, column footings rafts etc, during the progress of work from rains/snow, sub soil water, spring etc shall be bailed/pumped out or other wise removed all as per clause 3.17 of MES SSR Part-I. The unit rate quoted for earth work in foundation and trenches shall be deemed to be included for the same.

3.4 HARD CORE:

3.4.1 The type of material, thickness and gauge of the hard core shall be as indicated in the relevant item of Sch. 'A'. The material of hard core shall be well graded for providing dense and compact sub grade. Hard core shall be deposited, spread and leveled in layers not exceeding 15cm thick and watered and well rammed to a true surface and compacted with sufficient fine material. The thickness of hard core specified or indicated in the relevant item of Schedule 'A' shall be the thickness after consolidation.

CONCRETE WORK

4.1 CEMENT:

Contractor shall make his own arrangements to procure cement of any grade or type as specified here in after. The cost of cement, its transportation, storage, testing charges, its accounting and preservation etc till consumed in work shall be borne by the contractor.

4.1.1 TYPE OF CEMENT:

Type of cement to be used in this contract shall be ordinary Portland cement, grade 43, conforming to IS-8112 unless otherwise specifically specified. If Portland Pozzolana Cement, flyash based conforming to IS:1489- Part-I is required to be used in lieu of Portland Pozzolana Cement, it shall be subject to fulfillment of certain requirements/criteria as enumerated here-in-after. Different type of cement, if so required, as per contract provisions, shall also be arranged by contractor at no extra cost to Govt.

4.1.2.2 PROCUREMENT

NOTE : PROCUREMENT FROM AUTHORISED DISTRIBUTERS/DEALERS :- If the total estimated requirement of cement under this contract does not exceed 1200 bags, the cement may be procured from the authorized distributors/dealers of the approved firms. The contractor shall have to submit the test certificate for the batch, issued by the firm. If the requirement for this contract as a whole exceeds beyond 1200 bags, then the cement shall be procured directly from the manufacturer of the approved firms only.

PARTICULAR SPECIFICATIONS (CONTD..)

4.1.2.3 Cement procured by the contractor shall be from any of the producers listed below :-

Srl No	Company Name	Address	Type of cement
1.	2.	3.	4.
1.	M/S Trumboo Industries Pvt Ltd (only for J&K region) Brand : "TCI MAX"	50, Sanat Nagar, Near Industrial Area Srinagar – 190005 Tel No 0194 – 2439979 Fax No 0194-2440001 E-mail: mail@trumbooindustries.com	OPC 43
2.	M/S Cemtac Cement Pvt Ltd Brand: "CEMTAC"	H/O Lake Wood Plaz (Near Petrol Pump) Nawgam, Srinagar 190015 Ph: 0194-2431500	OPC 43
3.	BLANK		
4.	BLANK		
5.	M/S Saifco Cement Pvt Ltd Brand: "SAIFCO"	Opposite post office, Batwara Srinagar 190004 Ph 0194-2466061	OPC 43
6.	M/S Sanghi Industries Ltd Brand: "SANGHI"	10 th floor, Kataria Arcade, Off S G Highway PO: MakarbaDistt: Ahmedabad 380051 MO: 09825803690, Tel 079 26838000 Fax 079 26838111 Web: www.sanghicement.com	OPC 53 PPC
7.	M/S Cement Manufacturing Co Ltd Brand: STAR	MayurGraden, 2 nd floor, OppRajuvBhawan G S Road Guwhati 781005 PH 0361 2462215 / 216 /513 Fax 0361 2462217 Email: cmclghy@cml.co.in	OPC 53 OPC 43 PPC
8.	M/S Ultra Tech Cement Ltd Brand: ULTRATECH	'B' wing, 2 nd floor, Mhakali Caves Road Andheri (East) Mumbai 400093 Ph 022 66917800	OPC 53 OPC 43 PSC
9.	M/S OCL India Ltd Brand:KONARK	Rajgangpur, Distt : Sundargarh Orrisa- 77017 Ph 0361 2668504, Fax- 2662131 Website: www.calcom.co.in	OPC 43 PPC
10.	M/S Dalmia Cement (Bharat) Ltd Brand: DALMA CEMENT	Dalmiapuram, DisttTruchirappalli Tamil Nadu- 621651	OPC 43 PPC
11.	M/S Chettinad Cement Corporation Ltd Brand:CHETTINAD	4 th floor, Rani Seethal Hall Building 603, Anna Salai Hall, Chennai -600006 Tel No 044 42951800 Fax No 044 28291558 Email: info@chettinadcement.com Website: www.chettinadcement.com	OPC 43 PPC PSC
12.	M/S Heidelberg Cement India Ltd Brand : MYCEM	9 th floor, Infinity Tower 'C' DLF Cyber City Gurgaon, Haryana 122002 Ph 0124 4503700 Pax 0124 4147698	PPC
13.	M/S Home Industries Ltd Brand : MAHA SHAKTI for PSC MAHA for OPC 43 Gr MAHA SHAKTI for PPC	9 th floor, Block 3, My Home Hub Madhapur Hyderabad 500081 Ph 040 66929698 Fax 040 66929797 / 98	OPC 43 PPC PSC
14.	M/S Parasakti Cements Ltd Brand : PRASAKTI	123 / 3RT, Plot # 8 – 3 – 214 / 21 Srinivasa Nagar Colony (West) Hyderabad 500081 Ph 040 44119100 / 200 Fax 040 23747562	OPC 43 PPC
15.	M/S Zuari Cement Ltd Brand:ZUARI	No 6, MC Nichols Road Chetpet Chennai 600031 Ph- 044 28363958, 28365047	OPC 43 Gr PPC
16.	M/S Toshali Cements Pvt Ltd Brand GAJAPATI	123 / 3RT, 2 nd floor Sanjeeva Reddy Nagar Hyderabad 500038 Ph 040 2300675 <u>Corporate Office</u> 9-14-13, C B M Compound, Near Mehar Apartments, Visakhapatnam 530003	OPC 43 PPC PSC
17.	M/S Prism Cement Ltd Brand: PRISM	3 / 113, VivekKhand, Gomto Nagar Lucknow 226010 Ph 0522 2396847, 2397589	OPC 43 PPC
18.	M/S Shree Guru Kripa Cement Pvt Ltd Brand : SARTAJ	4 / 4 Trikuta Nagar Jammu Ph 0191 2472043	OPC 43 PPC

PARTICULAR SPECIFICATIONS (CONTD..)

1.	2.	3.	4.
19.	M/S Barak Valley Cements Ltd Brand : BVCL	Debendra Nagar, BadarpurGhat Distt: Karimganj Assam 788803 Ph 03845 269258	OPC 43
20.	M/S DhruvIndustrial Co Ltd Brand : DHRUV	49 / 27 Sinha Market General Ganj Kanpur 208001	OPC 43 PPC
21.	M/S The Ramco Cements Ltd Brand : RAMCO	Auras Corporate Centre, 98 – A, Dr RadhakrishnanSalai, Mylapore Chennai 600004 Ph 044 28478666	OPC 43 PPC
22.	M/S Saurashtra Cement Brand :SAURASHTRA	Gala No A-1, Ground Floor Udhyog Sadan No 3 MIDC Central Road Andhari (East) Mumbai 400093 Ph 022 32955557 / 67 Mo: 9320290081	OPC 43 PPC
	M/S Lafarge Cement (Lafarge India Pvt Ltd) Brand : LAFARGE	Crescenzo, 1004, B-wing, 10 th floor C-38 / 39, G Block, BandraKurla Complex Bandra (EAST) Mumbai 400051	OPC 43 PPC
23.	M/S The Associated Cement Companies Ltd Brand :ACC	414 – 421, Splendor Forum (4 th floor) 3, District Centre, Jasola New Delhi 110044 Ph 011 46583600	OPC 43 PPC
24.	M/S Grasim Industries Ltd Brand : GRASIM	BirlagramNagda, Madhya Pradesh 456331 Ph 0736 246760 / 246766	OPC 43 PPC
25.	M/S The India Cement	Bhun Building, 827, Anna Salai Chennai 600002	OPC PPC
26.	M/S Andhra Cement Ltd	Durga Cement Works, Durgapuram Dechepalli Guntur, Adhra Pradesh 522414 Ph 0863 257429	OPC 43 PPC
27.	M/S Century Cements Brand : CENTURY	Industry House, 159 Church Gate Reclamation Mumbai 400020 Ph 022 22023936	OPC 43 PPC
28.	M/S Binani Cement Ltd Brand :BINANI	Mercantile Chambers, 12 J N Heredia Marg Ballard Estate, Mumbai 400001 Ph 022 22690506 / 10	OPC 43 Gr PPC
29.	M/S Mangalam Cement Ltd Brand : MANGALAM	PO Adityanagar, Morak, Distt – Kota Rajasthan 326520 Ph 9351468076	OPC 43 PPC
30.	M/S Birla Corporation Ltd Brand : BIRLA	Birla Building (3 rd & 4 th floor) 9 / 1 R N Mukherjee Road, Kolkata 700001 Ph 033 30573700	OPC 43 PPC
31.	M/S Orient Cement Brand :ORIENT	5-9-22 / 57 / D, 2 nd & 3 rd floor, GP Birla Centre, Adarsh Nagar, Hyderabad 500063 Ph 044 23688600	OPC 43 PPC
32.	M/S Shree Cement Brand : SHREE	Bangur Nagar, Beawar, Distt Ajmer Rajasthan 305901 Ph 01462 228101 – 06	OPC 43 PPC
33.	M/S J K Cement Brand : J K	Kamla Tower, Kanpur 208001	OPC 43 PPC
34.	M/S J K Lakshmi Cement Ltd Brand : J K LAKSHMI	Jaykapuram, DisttSirohi, Rajasthan Ph 02971 244409 / 10	OPC 43 PPC
35.	M/S JaypeeRewa Cement Brand : JAYPEE	Jaypee Nagar, PO :Jaypee Nagar Rewa 486450 (M P)	OPC 43 PPC
36.	M/S Ambuja Cement Ltd Brand : AMBUJA	Kadinar, PO Ambujanagar, TalukaKodinar DisttJunagadh, Gujarat 362715 Ph 02795 237000	OPC 43 PPC

4.1.2.4 Requirement for using Portland pozzolana cement-

- PPC meets the strength criteria of 43 grade OPC as laid down in IS-1489-1991 or latest
- The minimum period before striking form work given in clause 11.3.1 of IS 456-2000 is suitably modified and approved for the period by the concerned GE. The contractor shall not claim any extra on this account.
- Mixing of OPC & PPC shall not be allowed in the work. However with the strict control of the ground executives, different buildings can have different type of cement.
- While procuring PPC, the following requirements are to be ensured and certificate to that effect is to be obtained for each batch from manufacturers.
 - The quality of fly ash is strictly as per IS 1489 (Part-I) 2002

PARTICULAR SPECIFICATIONS (CONTD..)

- (ii) Fly ash is inter ground with clinker not mixed with clinker
 - (iii) Dry fly ash is transported in closed container and stored in silos. Only Pneumatic pumping should be used.
 - (iv) The fly ash is received from Thermal power plants using high temperature combustion above 1000 ° C should be used.
 - (v) The fly ash content in PPC shall not exceed 35 % to ensure consistency.
- (e) In cold climatic conditions where temperature goes below 15 degree centigrade and important structure like overhead reservoir, underground sumps, prestigious building (as decided by CWE) and buildings with span 10m or more, only OPC shall be used. However, for other structure during working seasons in cold climatic regions, where OPC is not available, use of PPC may be permitted provided it shall be ensured that while using PPC, atmospheric temperature should be more than 15 degree centigrade.

4.1.3 TESTING OF CEMENT:

4.1.3.1 The contractor shall submit the manufacturer's test certificate in original along with the test sheets giving the result of each physical test as applicable and the chemical composition of the cement or authenticated copy thereof, in accordance with BIS provision duly signed by the manufacturer or his authorized representative with each consignment. The Engineer-in-Charge shall record these particulars in the Cement Acceptance Register (Format given in Appx 'A' attached to these particular specifications), after due verification.

4.1.3.2 Cement brought to site of work shall remain the property of Govt. Contractor shall in no case, remove, any bag of cement unless permitted in writing by EIC. In addition to manufacturer's test certificate, Accepting Officer shall also take random samples of cement drawn from various lots of each consignment as specified in IS Codes and get them tested from any one of the Govt. approved laboratories at his discretion or from SEMT CME, Regional Research Laboratory or Zonal Laboratory, all as per IS-3535-1986, IS-4031 and IS-4032-1985. Irrespective of results, cost of materials for such samples, cost of requisite handling & conveyance and cost of testing etc shall be borne by the contractor. Cement from each consignment shall be allowed to be incorporated in the work only after the GE is satisfied with the quality of cement brought by contractor.

4.1.3.3 Cost of testing undertaken as per provision in clause 4.1.3 above shall be borne by the contractor. It shall be ensured that tested and untested cement is segregated and stored separately with distinct identification. Cement of different brands shall be stacked separately.

4.1.3.4 If the test results on samples of a particular consignment are not within acceptable limits, the matter shall be referred to the Accepting Officer, whose decision regarding acceptability of such cement with price adjustment or removal from the site shall be final and binding. Cement so rejected or any bag of cement in godown showing indication of any setting shall be segregated and removed by contractor from the site within a week's time, with due permission of GE for their removal.

4.1.4 STORAGE/CONSUMPTION OF CEMENT :

4.1.4.1 Cement in bags shall be stored in proper leak proof/damp proof storage Godown, over at least a 20cm high platform and 20cm away from walls in such manner as to prevent deterioration due to moisture or intrusion of foreign matter, all as specified in clause 4.3.1 to 4.3.3 of SSR Part-I.

4.1.4.2 For the purpose of keeping a record of cement procured and consumed in works, the contractor shall maintain a properly bound register in the form approved by the Engineer-in-Charge showing all procurements, quantity used in the work and balance in hand. At the end of each day and such other information as may be required to control the consumption of cement pages of the register shall be numbered and initialed by Engineer-in-Charge. This register shall be signed daily by the contractor or his representative in token of correctness of the entries made. In token of check, it shall be signed by MES representative also as follows:-

- (a) Daily by Supdt B/R Gde-I or JE (Civil)/ JE E/M (for E/M works only) in charge of works.
- (b) Twice in a week by the Engineer in Charge.

4.1.4.3 The said register shall remain at site of work, in the safe custody of the contractor and on demand shall be produced for verification of inspecting officer. On completion of the work, the register shall be returned to MES for safe custody for any future reference. The cement Go down shall be provided with two locks on each door. The key of one lock on each door shall remain with the Engineer-in-Charge or his authorized representative and that of the other lock with the contractor or his authorized agent at site of work so that cement is removed from the Go down according to daily requirement with the knowledge of both the parties.

4.1.4.4 Foregoing provisions shall not, however absolve the contractor of his responsibility of incorporating required quantity of cement in various items of works as per contract provisions.

- 5. Cement shall be used in order of which it is received. It shall be insured that only one type/make of cement is used in any structural member.

PARTICULAR SPECIFICATIONS (CONTD..)**4.1.5. DOCUMENTATION:**

The contractor shall submit original purchase voucher and Test certificate for the total quantity of cement supplied under each consignment to be incorporated in the work. All consignment received at the work site shall be inspected by the GE alongwith the relevant documents before acceptance. The original voucher and the test certificate shall be defaced by the Engineer-in-Charge and kept on record in the office of the GE duly authenticated with cross reference to the control number recorded in the cement acceptance register. The cement acceptance register will be signed by the Supdt B/R Gde-JE (Civil), Engr-in-Charge, GE and the contractor. The entire quantity of cement shall also be suitably recorded in the measurement book for record purpose before incorporation in the work, as "Not to be abstracted" indicated the voucher No with dates, quantity, date of manufacture/expiry date etc. It shall form the basis to allow advance on account through RARs.

4.1.6. SCHEDULE OF SUPPLY:

The contractor shall ensure that procurement action is taken immediately after acceptance of the contract so as to adhere to schedule of activities as per CPM Net Work. Contractor shall procure sufficient quantity of cement of each consignment, to ensure that cement is available at site/store out of previous stock minimum for 30 days when sample for fresh consignment are taken for 28 days testing. However quantity of cement in each consignment shall not be less than 1000 bags (except lesser quantity required in the work).

4.1.7. The periodicity of striking the form work and curing for works for ordinary Portland cement shall be as stipulated in clause 10.3. & 12.5 of IS 456 of 2000.

4.2 AGGREGATE : Aggregates for concrete work shall conform to specification and all as specified in clause 4.4.1 to 4.4.7 of SSR Part I.

4.2.1 FINE AGGREGATE : Grading of fine aggregates shall be within the limits of grading of Zone I to II as given in clause No 4.4.7(2) of SSR Part I.

4.2.2 COARSE AGGREGATE : Coarse aggregate for all concrete work in all situations shall be graded crushed stone aggregate(crushed in mechanically operated crusher) of approved quality . Nallah shingle will not be used even for plain cement concrete work in any situation.

4.2.3 GRADING OF COARSE AGGREGATE:

Unless other wise mentioned in the relevant item of Sch 'A', Graded aggregate of nominal size given hereunder shall be used : -

(a) REINFORCED CEMENT CONCRETE

- | | | | |
|------|--|---|---------|
| (i) | For elements of depth/thickness 100 mm and more | - | 20 mm. |
| (ii) | For element of depth /thickness less than 100 mm | - | 12.5 mm |

NOTE: - However, in no case the nominal size of aggregate shall be greater than one fourth the minimum size of the member.

(b) PLAIN CEMENT CONCRETE:-

- | | | | |
|-------|---------------------------|---|--|
| (i) | Under 30 mm thickness | : | 12.5 mm |
| (ii) | 30 to 80mm thickness | : | 20 mm except in 75 mm thick Sub base of flooring for which nominal size of aggregate shall be 40 mm. |
| (iii) | Exceeding 80 mm thickness | : | 40 mm |

4.3 WATER: Water will be supplied by the MES.

4.4 MIX OF CONCRETE

Mix of cement concrete in various situations shall be as mentioned in the relevant item of Schedule 'A'to be read in conjunction with clause 4.11and Appendix 'A' together of SSR Part I.

4.5 PLACING AND COMPACTION OF CONCRETE :

(i) Concrete shall be transported without delay and incorporated in works at the position of laying within 20 minutes from the time of discharge from the mixer.

(ii) Mixed concrete shall be deposited in final position and solidly packed around reinforcement, carefully poured and consolidated by means of portable vibrators or mechanically operated and of the kind as suitable for a particulars situation as directed by the EIC are shall be exercised that no voids or honey comb pockets are formed. The concrete shall not be laid in position for more than 1 meter in height in one concrete operation.

4.5.1 CURING:

The concrete shall be protected from premature drying for at least 8 days after pouring and shall be cured as directed by the Engineer-in-Charge for a period of not less than 14 days.

4.6 FORM WORK.

4.6.1 Form work shall comply with requirement of para 4.11.6.1 to 4.11.6.5 and 7.15.1 to 7.15.10 of SSR (Part-I)

4.6.2 : Form work may be of steel, plywood or timber of adequate strength.

PARTICULAR SPECIFICATIONS (CONTD..)

5 to 9 Blank

10. PLASTERING AND POINTING.10.1 GENERAL

- 10.1.1 Plaster, pointing and skirting/dado shall be returned in jambs, soffits of lintels and windows etc.
- 10.1.2 Plaster on concrete surface shall match the adjacent wall surface. The mix of plaster shall be same as for the wall surfaces.
- 10.1.3 All plastered surfaces shall be trowelled to even and smooth surface without using extra cement.
- 10.1.4 All external finishes shall be carried out up to 15 cm below ground level except where plinth protection is provided.
- 10.1.5 Thickness of cement plaster mentioned shall be finished thickness exclusive of dubbing. Dubbing may, however, be done in one operation with plaster.
- 10.1.6 All corners angles, junctions shall be truly vertical or horizontal as the case may be and shall be carefully finished. Corners around joint opening and junctions of walls shall be rounded to minimum radius of 5 mm. 10 mm wide groove at the junction of wall and RCC slab/beams as applicable with the depth of groove 1 mm less than depth of wall plaster shall be provided. Also 10 mm groove shall be wide at junction of wall and RCC columns, beams or any other dissimilar materials, wood/steel Chowkats etc.

11 to 12 Blank

13. GLAZING

- 13.1 All glazing shall be with sheet glass of ordinary quality and shall conform to IS-2835. Glass shall be free from all defects viz bubbles, waviness etc. and shall be of uniform thickness.
- 13.2 Glass used shall be plain sheet glass. The glazing to steel frames, shall be fixed with special spring glazing clips with putty and glazing to wooden joinery shall be fixed with wooden beading with putty all as specified in clauses 16.5 to 16.10.2 of MES Schedule Part-I.

14. WHITE/COLOUR WASH/DISTEMPER/CEMENT BASE PAINT

- 14.1 WHITE/COLOUR WASH White [lime] wash shall be provided as indicated in the relevant of item of Sch 'A' and all as specified in clause 15.2 & 15.12 of MES schedule Part-I. For white washing on ceiling adequate quantity of zinc oxide shall be added to lime wash for achieving egg white shade. Skirting and dado are not to be white washed. The cost of zinc oxide admixture shall deemed to be included in the unit rate for white wash on ceiling.
- 14.2 OIL BOUND DISTEMPER
Dry/Oil bound distemper shall be provided as mentioned in Schedule 'A' including preparation of surfaces all as specified in clause 15.5, 15.6, 15.13 & 15.14 of MES Schedule Part-I.
- 14.3 CEMENT BASE PAINT
Cement base paint shall be provided all as specified in clause 15.7 and 15.15 of MES Schedule Part- I. Shade shall be approved by GE. Cement base paint shall conform to IS-5410-1992.

15. PAINTING15.1 GENERAL

- 15.1.1 All synthetic enamel paint and emulsion paints shall be of Ist quality manufactured by the standard firms. Approved brand of paints are given in appendix 'D'.
- 15.1.2 The contractor shall inform the GE/EIC within three week of the acceptance of the tender the brand /name of manufacturer of the paint proposed to be used in the work and shall submit the samples thereof to EIC before using in the work and obtain prior approval of the EIC.
- 15.1.3 The contractor shall, where required by the GE/EIC produce certificate of the manufacturer or their authorized agent to establish that the brand of paint purchased by the contractor satisfy the requirement of the relevant IS.
- 15.1.4 Paints for priming coat, under coat and finishing coat shall be of same brand. Tint of paint if not mentioned in Sch 'A' of finish will be as approved by the EIC.

15.2 WORKMANSHIP.

- 15.2.1 All wood work required to be painted shall be smoothened size and knotted Steel and iron work shall be painted in the manner as specified in clause 17.8 of SSR Part-I
- 15.2.2 Bottom of door shutter shall be given one coat of primer only.

Signature of the Contractor

Dated : _____

AGE(Contract)
for Accepting Officer

PARTICULAR SPECIFICATIONS (CONTD..)

Appendix 'A'

CEMENT SUPPLY & ACCEPTANCE REGISTER

1. CA No & Name of Work:
2. Control No*.
3. Name of Manufacturer/Brand Name/Gde of cement
(a) Manufacturer _____ (b) Brand _____ (c) Grade _____
4. Qty of cement & Lot No/Week No (in bags) : (a) Qty _____ (b) Lot No/week No _____
5. Manufacturer's test certificates No _____
6. Random test details:
(a) Physical test report from _____ vide their letter No _____ (Name of approved lab/Engg college)
(b) Chemical test report from _____ vide their letter No. _____ (Name of approved lab/Engg college)
7. Details of physical & chemical properties :-

	Physical Requirements (As per IS-4031)						Chemical Requirements (As per IS 4032)											
	Specific surface area (M ² /Kg)	Soundness by LeChatellar	Soundness by Auto Clave	Initial setting Time(Minutes)	Final Setting Time (Minutes)	Compressive Strengths (Mpa)			Temp during testing °C	Standard	Lime Saturation Factor (Ratio)	Alumina iron Ratio (Ratio)	Insoluble Residue (%)	Magnesium (%)	Sulphuric Anhydride (%)	Loss on ignition (%)	Alkalies (%)	Chlorides (%)
						03 Days	07 Days	28 Days										
As per relevant IS																		
As per Manufacturer's test certificate																		
As per random test certificate																		

Remarks with signatures

Accepted/Rejected

Contractor

Junior Engineer(Civil/E&M)

Engineer-in-Charge

Garrison Engineer

Remarks of BOO/Inspecting Officer/CWE

MATERIALS AND THEIR TESTS

- NOTES** :- (a) This appendix to be read in conjunction with condition 10 of IAFW-2249
 (b) These rates are applicable if tests are carried out in MES laboratory.
 (c) The requisite tests for materials to be incorporated in the work shall be carried out as per latest BIS standards.
 (d) The list given below is not complete list of test for material testing but are for tests facilities available in MES labs.

S. No	Material	Tests	Method of testing	Frequency of tests	Level of tests	Rate (Rs)	Remarks		
1.	Bricks	(i) Compressive strength	IS-3495 (Part-II)	As per IS-5454 as given under	A	180	Checks for visual and Dimensional Characteristic shall also be carried out as per IS-5454		
		(ii) Water absorption	-do-	Lot size Sample Size Permissible No of Defective Bricks	A	150			
		(iii) Efflorescence	-do- (Part-I)	1001 to 10000	5	0		A	180
				10001 to 35000	10	0			
			35001 to 50000	15	1				
2.	Coarse Aggregate	(i) Sieve analysis	IS-2386 (Part-I)	One test of very 15 Cubic Metre of aggregates of Part thereof brought to site	A	120			
		(ii) Flakiness Index	-do-	-do-	A	90			
		(iii) Estimation of deleterious	IS-2386 (Part-I)	One test for every 100 Cubic Meter of aggregates or part thereof	A	120			
		(iv) Organic impurities	-do-	One test per source of supply	C	120			
		(v) Moisture content	-do- (Part-II)	Regularly as required	A	120			
		(vi) Specific gravity	-do-	One test for each source of supply	B	120			

PARTICULAR SPECIFICATIONS (Contd..)**APPENDIX "C" (contd..)**

S. N	Material	Tests	Method of testing	Frequency of tests	Level of tests	Rate (Rs)	Remarks
3.	Fine Aggregate	(i) Sieve analysis	IS-2386 (Part-I)	One test of every 15 Cubic Metre of FA or part when brought to site	A	180	
		(ii) Test for clay, silt and impurities	-do-	-do-	A	90	
		(iii) Specific gravity	-do- (Part-II)	One for each source of supply	B	180	
		(iv) Moisture content	-do- (Part-II)	Regularly as required subject to 2 tests/day when being used	A	180	
		(v) Test for organic impurities	-do- (Part-II)	One for each source of supply	C	180	
4.	Cement	(i) Setting Time	IS-4031-63 affirmed 1980	One for each consignment or as and when required	B	180	
		(ii) Soundness	-do-	-do-	C	120	
		(iii) Compressive strength	-do-	-do-	B	360	
		(iv) Fineness	IS-4031-63 affirmed 1980	One for each consignment or as and when required	C	120	
5.	Structural Concrete (M-15 Grade & above)	(i) Slump test or compacting factor test or vee-bee time	IS-1199	The minimum frequency of sampling of concrete of each grade shall be as under	A	180	Random sampling shall be carried to cover all mix unit
6	Water for Construction purpose	(i) Test of Acidity (ii) Test for Alkalinity (iii) Test for solid content	IS-456 & 3015 -do- -do-	Once at the stage of approval of source of water	B B C	240 240 240	Also refer Clause 5.4 of IS 456 and its subsequent sub clauses regarding suitability of water

Signature of the Contractor
Dated : _____

AGE(Contract)
for Accepting Officer

PARTICULAR SPECIFICATIONS (Contd.)
LIST OF MAKES/MANUFACTURERS/PRODUCERS

APPENDIX 'D'**B / R ITEMS / MATERIALS**

Ser No	Name of item	Make / Brand	Remarks
1.	Pressed steel Door Frames / Chowkatsfor Doors / Cupboard and window frames	(a) Shakti (b) Madhu Industries (c) NCL Seccolor (d) Shivam Metal Shapers (e) Ashish Industries	
2.	Steel windows/ vents	(a) Shakti (b) NCL Seccolor (c) Madhu Industries (d) Shivam Metal Shapers (e) Ashish Industries	
4.	Factory made Panelled Door Shutters	(a) M/S Shakti Industries Dhanuala (b) M/S Sarab Enterprises (c) M/S Massonite Doors Pathankot (d) M/S Sri Krishna. (e) M/S MP wood product Indore (f) M/S Jainwood Industries (g) M/S Jain door Pvt Ltd	
5.	PVC boards/door frame/shutters	(a) Accucel (b) Polyline (c) Ecocell (d) Rajshri Plastwood	
6.	UPVC windows/doors/ frames & ventilators	(a) Yashpoly (b) Accucel (c) Aparna Venester/okotech (d) Madhu Industries (e) NCL Veka (f) H20 Solution (g) Rajshri Plastiwood (h) Fenesta (i) Enceraft (j) Supreme	
7.	Anodised aluminium doors/windows/frames/partitions	(a) Axsys (b) Ashish Industries (c) Jindal (d) Kalco (e) Alpure	
8	Glavanised steel sheets & colourcoated Glavanised steel sheets	(a) JSW (b) Kamdhenu (c) Tata (d) Jindal	

9.	Terrazo tiles /PCC tiles / PCC chequered tiles	(a) NITCO (b) Eurocon. (c) NTC (d) Eurocon (e) Duracrete (f) Mohindra Industries (g) Surya K (h) ONYX	
10	Interlocking tiles/Exterior Tiles/PaverBlocks	(a) NITCO (b) Unistone (c) NTC (d) Ultra Johnson (e) Surya K (f) Mohindra Industries (g) ONYX	
11.	Glazed Ceramic / Non skid wall / floortiles	(a) Sunhearrt Ceramik (b) Rak Ceramics (c) Somany (d) Johnson (e) Kajaria	
12.	Vitrified tiles (Normal/Anti skid)	(a) Sunhearrt Ceramik (b) Rak Ceramics (c) Somany (d) Johnson (e) Kajaria	
13.	HDPE & LLDPE Storage Water Tanks	(a) Plasto (b) Vectus (c) Sintex (d) Supreme	
14.	Stainless Steel Kitchen Sink With OrWithout Draining Board, Plate Rack	(a) Jainko (b) Cera (c) Shakti (d) Prayag (e) Silvershine (f) Diamond (g) Nirali (h) SPC	
15.	Brass Valves	(a) Prayag (b) Zoloto (c) L&T Valves (d) Amco (e) VIP Valves	
16.	Shower Roses chromium plated (Swivel Type)	(a) Jainko (b) Shakti (c) Silvershine (d) Vitero (e) Somany (f) Prayag	

17.	CP Bath Room Fancy Fittings & Accessories/CP Bath Fittings	(a) Cera (b) Shakti (c) Jaquar (d) Jainko	
18.	BIB Taps and stop valves (CP) Fancy Fittings	(a) Jainko (b) Cera (b) Shakti (c) Prayag (d) Jaquar	
19.	PTMT/ PVC Fittings	(a) PRAYAG (b) SHAKTI (c) POLYTUF (d) Jainko	
20.	Readymade bathroom Cabinets	(a) JAQUAR (b) CERA (c) PARRYWARE (d) COMMANDER (e) Prayag (f) Polytuf	
21.	HDPE Pipes/SNR Pipes (Water/Sewage)	(a) Plasto (b) SFMC (c) Supreme (d) Utkarsh (e) Duraline (f) Astral	
22.	Sand cast Iron Spigot & Socket soilwaste, vent pipes & fittings	(a) SIRF (b) NECO (Jayaswal). (c) HIF (d) RIF (Gola casting) (e) SKF	
23.	Cement based paints	(a) Acro Paints (b) Snowcem (c) Asian (d) Berger (e) Dulux	
24.	Decorative Paint (EXR & INT)	(a) Acro Paints (b) Asian Paints (c) Berger (d) British Paints (e) Dulux	
25.	Plastic emulsion paints	(a) Berger (Silk, Rangoli easy clean). (b) Asian (Royale, Apcolite advance). (c) Nerolac (Impression ecoclean, impression 24carat, premium emulsion) (d) British (Splendor Luxury) (e) Acro Paints	
26.	High Built Texture & Wall Finishes (Ext& INT)	(a) Acro Paints (b) Asian (c) Berger (d) Dulux	

27.	Synthetic Enamel paints	(a) Nerolac paints (Nerolac synthetic enamel) (b) Berger paints(Luxol) (c) Asian paints (Apolite) (d) British Paint (e) ICI Dulux (f) Acro Paints	
28.	PVC Wall Paneling/PVC Ceiling & Partition	(a) Polyline (b) Ecocell. (c) HR Enterprises (d) Rajshri Plastiwood (e) Decoinn (f) Sunbeam	
29.	HDF/PVC Door Frame Shutter Moulded	(a) Polyline (b) Ecocell. (c) HR Enterprises (d) Econ (e) Alcad (f) Decoinn (g) Rajshri Plastiwoo	
30.	PVC Sheet Cladding	(a) Polyline (b) Alcad (c) Decoinn	
31.	Non abrasive paving tiles (rectifiedendure)	(a) Kajaria (b) H&R Johnson (c) Somany	
32.	UPVC Ceiling & Panelling	(a) Yashpoly (b) Accucel (c) HR Enterprises	
33.	Pre Fab panel Boards/wall Liningceiling Tiles	(a) Dexune (b) Aerolite (c) Hi-Steel (d) Rajshri Plastiwood	
34.	False ceiling Tiles / Board (Gypsum Board/POP/Mineral Fibre)/ Jointing &Finishing Material	(a) Dexune (b) Hi-Steel (c) USG Boral (d) Rajshri Plastiwood (e) Gypcore (f) Armstrong (g) Diamond Ceiling	
35.	False ceiling Tiles / Metal False ceiling/Metal Framing	(a) Dexune (b) Hi-Steel (c) USG Boral (d) Rajshri Plastiwood (e) Gypcore (f) Armstrong (g) Diamond Ceiling	
36.	Road marking Paint Water Based/Thermoplastic	(a) 3M (b) Vertex (c) JCC	
37.	CPVC Pipes & Fitting	(a) Plasto (b) Prayag (c) Vectus (d) Supreme (e) Finolex	

38.	PVC/UPVC/SWR Pipes & Fittings	(a) Plasto (b) Prayag (c) Vectus (d) Supreme (e) Finolex	
39.	Sanitaryware	(a) CERA (b) Prayag (c) Somany (d) Rak Ceramics (e) Hindware (f) Jaquar	
40.	PRE Painted Galvalume Steel sheet/Galvalume Sheets	(a) JSW (b) Kamdhenu (c) Tata (d) Jindal (e) Dyna Roofing PVT LTD	
41.	Chain Link Fencing/ Barbed Wire/ Punched Tape Concertina Colil/ BazorBlade Tape Fencing	(a) A-1 Fence (b) Armstrong wires (c) Maimom roger	
42.	PVC Flushing Cistern	(a) Shakti (b) Prayag (c) Rak ceramics (d) Hindware (e) Parryware (f) Supreme (g) Cera (h) Jaquar	
43.	Toilet Seat Cover	(a) Prayag (b) Cera (c) Rak Ceramics (d) Parryware (e) Jaquar	
44.	APP Membrane for roof treatment	(a) STP (b) Sika (WP) Shield (c) Dr. Fixit (d) Asian Paints Ltd.	
45.	Specialized agency to carry out ATT	(a) M/s Pest Control Organisation of India, Jammu. (b) M/s Murti Pest Control, 91, Sadar Bazaar, Meerut Cantt. (c) M/s Pest Eradicators (India), 3/40 Hanuman Lane, New Delhi. (d) M/s JS Pest Control, Chandigarh. (e) M/s Termite Control (India), 168 Abu Lane, Meerut Cantt	
46.	Aluminium doors & windows fittings	(a) Argent Industries (b) Mowjee (c) Crown (d) Hindalco (e) Indalco (f) Jindal	

47.	Chloro-pyriphos / emulsifiable concentrate (20 EC /India Cloprid 30.50 SC	(a) M/S Pest Control (india) Pvt. Ltd. (b) M/S Pest Control Services, Delhi (c) Montari Industrial Ltd., New Delhi (c) M/S JS pest control Chandigarh	
48.	GUN METAL GLOVE VALVE/ GATEVALVE	(a) KIRLOSKAR (b) LEADER (c) L&T (AUDCO)	
49.	Welded Wire Mesh / Fabric	(a) Multiweld Wire Co. Ltd. Mumbai (b) M/s Jainsons sales Corps Delhi (c) M/s Jainsons Industries	
50.	Iron Mongery	(a) Mowjee, (b) M/S Kitch Architechrtural Product Pvt Ltd. (c) Godrej	
51.	Standard mortice lock	(a) Godrej (b) Harrison (c) Link	
52.	Hydraulic Door Closer	(a) Everest (b) Universal (c) Godrej (d) Samrat	
53.	Aluminium Sheets	(a) M/S Nalco Pvt Ltd. (b) M/S CRIL (c) M/S Jindal (d) BALCO	
54.	Aluminium Composite Panels	(a) M/S Alco Band (b) Alstrong (c) Armstrong (d) Aluminium clad	
55.	Particle Board (Veneered & Unveneered Laminated)	(a) Kitply (b) Nova Pan Industries New Delhi (c) Green Ply Industries Ltd (d) Century Ply (e) Archid Ply (f) Bhutan Board (g) Mysore Chip Board Ltd	
56.	Plywood for General Purpose	(a) KIT PLY (b) CENTURY PLY (c) GREEN PLY (d) Dura Ply (e) Archid Ply (f) Bhutan Board (g) Mysore Chip Board Ltd	
57.	Decorative Laminates	(a) KIT PLY (b) SUNMICA (c) GREELAM (d) Archid Lam (f) Sunmica (g) Merino (h) Greenlam (j) Mysore Chip Board Ltd	
58.	Fibre Board (Medium Density)	(a) Novapan (b) Kit Ply (c) Green Panel Max (d) Bhutan Board	
59	Wall care putty	Birla/ JK	

60.	All other materials	Make of all other materials except as listed above shall approved by GE.	
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Notes :

1. All the materials incorporated in subject work shall be of ISI Marked
2. Contractor will supply the material only after obtaining the written approval from GE regarding use of specific make of items and will supply the material at appropriate time as and when required by the GE.
3. To ensure genuineness of material, the contractor will place order only on manufacture or authorised dealer only and the Engineer-in-Charge will receive the material after verifying the delivery challan of the supplier and after satisfying the genuineness of material.

Signature of the Contractor
Dated : _____

AGE(Contract)
for Accepting Officer

GENERAL CONDITIONS OF CONTRACTS (IAFW-2249, 1989 PRINT)
*** MEASUREMENT CONTRACTS (IAFW-1779A)**

1. A copy of the General Conditions of Contracts IAFW-2249 (1989 Print) with errata 1 to 20 and amendments 1 to 48 has been supplied to me/us and is my possession. I/We have read and understood the provisions contained in the aforesaid General Conditions of Contracts before submission of the tender and I/We shall abide by the terms and conditions thereof as modified, if any elsewhere in these tender documents.

2. It is hereby further agreed and declared by me/us that General Conditions of Contracts IAFW-2249 (1989 Print) including Condition 70 thereof pertaining to settlement of disputes by Arbitration, containing 33 pages with errata 1 to 20 and amendments 1 to 48 form part of these tender documents.

Signature of the Contractor
Dated : _____

AGE(Contact)
for Accepting Officer

SCHEDULE OF MINIMUM FARE WAGES

1. It is hereby agreed that the 'Schedule of Minimum Fare Wages' as published vide Govt of India (Ministry of Labour) notification dated 12.7.94 as subsequently amended till date form part of these tender documents.

2. My/our signature hereunder accounts 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.

Signature of the Contractor
Dated : _____

AGE(Contract)
for Accepting Officer