

Tele: Coonoor 2230243

REGISTERED ACK DUE

Garrison Engineer

Wellington-643231

8936/ 09 /E8

15 Oct 2024

**TERM CONTRACT FOR OTM AND MD ACCNS OF STN HQ, MH, ASC,  
MES AND MAINTENANCE OF RESIDENTIAL AND OFFICE ACCN OF  
DAD WELLINGTON UNDER GE WELLINGTON**

Dear Sir/s,

1. Tender documents for the above work are uploaded in [www.eprocuremes.gov.in](http://www.eprocuremes.gov.in).
2. The bidders tender shall submit their bids in two parts viz, Technical bid and Financial bid separately. The financial bids of tenderers who meet the eligibility criteria as per the Notice of tender shall only be opened.
3. Tenders can submit their bids (Tech Bids (Cover 1) and BOQ Financial bids (Cover 2)) till **1800 Hrs on 05 Oct 2024** and bids shall be opened **on 12 Nov 2024 after 1200 Hrs.**
4. Tenderer's attention is invited to "INSTRUCTIONS FOR FILLING AND COMPLETION OF TENDER DOCUMENTS BY THE TENDERERS" contained in the tender documents and as per the instructions given in the [eprocuremes.gov.in](http://eprocuremes.gov.in) portal which should be complied with. Non-compliance of these instructions will render the bids submitted by such tenderers invalid and liable to be rejected.
5. Tenderer's particulars attention is also invited to the following instructions for completion of the BOQ (financial bid) of the tender documents:-
  - (a) The tendered rate shall be deemed to be inclusive of all taxes, duties and levies and inclusive of applicable cess on works contract etc., as payable under the respective statutes promulgated by the central and state authorities. **No reimbursement shall be made and Nothing extra shall be payable on account of taxes, duties and levies of any description.**
  - (b) Any conditional tenders regarding payments of sales taxes, service tax on works contracts and any other duties, levies etc., will not be considered and it is liable to be rejected as non- bonafide.
  - (c) The bidder shall also upload the copy of provident fund code Number **permanent or temporary, Service Tax Registration Number including GST as applicable** and the bidder who is not in possession of this number shall be disqualified in "T" bid evaluation and his financial bid shall not be opened.
6. This letter and instructions mentioned in Para-4 & 5 above shall form part of the tender documents.

Yours faithfully,

(N Subramani)  
AE (QS&C)  
AGE (Contracts)  
For Accepting Officer

Signature of Contractor  
Dated:

MILITARY ENGINEER SERVICES

GARRISON ENGINEER WELLINGTON (NILGIRIS) PIN CODE - 643 231

NAME OF WORK: TERM CONTRACT FOR OTM AND MD ACCNS OF STN HQ, MH, ASC, MES AND MAINTENANCE OF RESIDENTIAL AND OFFICE ACCN OF DAD WELLINGTON UNDER GE WELLINGTON

Sl No	Description	Pages
1	Forwarding letter	1
2	Contents	2
3	Instruction for filling of tender	3 to 9
4	Item rate tender and contract for works required IAFW - 1821 including Sch 'A' , 'B' , 'C' and 'D'	10 to 18
5	General Conditions of contract IAFW-2249 (1989 Print)	19 to 51
6	Errata and amendments to General Conditions of contract (IAFW-2249 -1989 Print)	52 to 75
7	Schedule of Minimum Fair wages.	76
8	Special Conditions.	77 to 84
9	Particular Specifications.	85 to 95
10	Notice of tender IAFW-2162 (Revised) including Appendix 'A'.	96 to 102
11	Errata/Amendments to tender documents.	
12	Relevant correspondence.	
13	Acceptance letter.	
Total		Pages

Drawing:      Nil

Signature of Contractor  
Dated:

AGE (Contracts)  
For Accepting Officer

**INSTRUCTION FOR FILLING AND COMPLETION OF TENDER DOCUMENTS**  
**BY THE TENDERER**

**1.0 EARNEST MONEY**

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

- (a) Deposit at Call Receipt from Scheduled Bank in favour of Garrison Engineer Wellington.
- (b) Receipted Treasury Challan, the amount being credited to the Revenue Deposit of Garrison Engineer, Wellington.
- (c) Scanned copies of instrument for Earnest Money as given is to be submitted online alongwith the technical bid. Further the original documents shall be Submitted in a sealed cover so as to reach the office before the date and time Stipulated for opening of bid as per the tender.

**Notes** :- EARNEST MONEY IN THE FORM OF CHEQUE/BANK GUARANTEE ETC., WILL NOT BE ACCEPTED. NON SUBMISSION OF SCANNED COPY OF AND THE ORIGINAL DOCUMENTS OF EARNEST MONEY BY BID CLOSING DATE AND TIME AS IN SHOWN CRITICAL DATES WILL RENDER THE TENDER AS NON- BONAFIDE AND CONSEQUENTLY REJECTED.

**2.0 PERFORMANCE SECURITY (REFER CONDITION 19 OF IAFW-2249)**

2.1 Within 28 days of the letter of Acceptance, the successful contractor shall deliver to the Accepting Officer a performance security in any of the forms given below for an amount equivalent to **5%** of the contract sum.

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

2.2 If the performance security is provided by the successful contractor in the form of a Bank Guarantee, It shall be issued by Nationalized / Scheduled Indian Bank.

2.3 Failure of the successful contractor to comply with the requirements of Sub-clause 2.1 above shall constitute sufficient grounds for cancellation of the award of work and forfeiture of the Earnest Money. In case of MES enlisted contractor, amount equal to the Earnest money stipulated in the Notice Inviting Tender, shall be notified to the successful contractor 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.

**3.0 GENERAL INSTRUCTIONS FOR COMPLIANCE**

3.1 The tender will only be accepted in the electronic form. All bids to be submitted in “eprocuremes.gov.in” portal. Documents should be scanned and forwarded in pdf form or .xls form as indicated. The documents which are required to be alongwith the technical bid should be returned in a cloth bound envelope, duly sealed. The name of work for which the tender is being received, the due date and time addressed to the Accepting Officer shall be written on the envelop. Non-submission of the documents before the stipulated date and time will render the bids of such tenderers liable to be rejected. The documents shall be deposited in the tender box (on or before the due date and time specified) Kept by the Administrative Officer of this office, who should be contacted sufficiently in advance on account of security restrictions in entering to the office area.

3.2 Tenders shall be forwarded on eprocuremes.gov.in portal on or before the bid closing date mentioned in the tender. No physical form of the tender will be accepted.

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**INSTRUCTION FOR FILLING AND COMPLETION OF TENDER DOCUMENTS**  
**BY THE TENDERER (CONTD)**

- 3.3 All bids will be digitally signed by the contractor.
- 3.4 The tender shall be accompanied by the scanned certified true copy of the power of attorney of the signatory to the tender documents. In case the signatory himself is the Sole Proprietor, an affidavit on stamp paper of appropriate value to this effect stating that he has authority to bind the firm in all matters pertaining to contract including the Arbitration clause, shall be attached in pdf form. The person signing the tender on behalf of another partner(s) or on behalf of the firm or company shall attach with the tender scanned copy of a proper Power of Attorney duly executed in his favour by such other person or by the partner(s) or in accordance with constitution of the company in case of company, stating that he has authority to bind such other person or the firm or the company as the case could be, in all matters pertaining to the contract including the Arbitration Clause.
- 3.5 Even in case of firms or companies which have already given power of attorney to an individual authorizing him to sign tender and in pursuance of which tenders are being signed by such a person as a routine, fresh power of Attorney duly executed in his favour by all the partners of the firm stating specifically that the person has authority to bind such partners or the firm of the Company, as the case may be including the condition relating to Arbitration Clause should be submitted with the tender as scanned copy.
- 3.6 Power of Attorney shall be executed on Stamp Paper of adequate value as applicable. Scanned copy of the same will be forwarded along with the bid.
- 3.6.1 In case of individual, sworn Affidavit shall be executed by the contractor himself. Scanned copy of the same will be forwarded along with the bid.
- 3.6.2 In case of partnership concerns Power of Attorney shall be executed by all partners. Scanned copy of the same will be forwarded along with the bid.
- 3.6.3 Incase of company, Power of Attorney shall be executed in accordance with Constitution of the Company. Scanned copy of the same will be forwarded along with the bid.
- 3.7 Bids to be submitted online well in time as shown in Critical dates and time shown in [www.eprocuremes.gov.in](http://www.eprocuremes.gov.in) portal.
- 3.8 The contractor shall employ only Indian Nationals after verifying their antecedents and loyalty. Attention is also drawn to special condition 3 and also conditions 24 and 25 of IAFW-2249 (General conditions of contracts).
- 3.9 Tenders will be opened by two bid openers.
- 3.10 The tenderer shall quote his rates on the BOQ file only. No alteration to the format will be accepted or the bid will be disqualified.
- 3.11 In case the tenderer has to revise /modify the rates quoted in the Schedule 'A' and/or General Summary, he can do so only in the Schedule 'A' and/or General Summary. Through eprocruemes. gov.in site only.
- 3.12 In case a tenderer has to revise his offer, he can do so through the eprocuemes.gov.in site only before the bid closing time and date.
- 3.13 In the event of lowest tenderer revoking his offer or revising his rates upwards/offering voluntary reduction, after opening of the tenders, the Earnest Money deposited by him shall be forfeited. In case of MES enlisted contractors, the amount equal to the Earnest Money stipulated in the Notice Inviting Tender, shall be notified to the tenderer for depositing the amount through MRO. Issue of tender to such contractors shall remain suspended till the aforesaid amount equal to the earnest money is deposited in Govt. Treasury. In addition, such tenderer and his related firm shall not be issued the tender in second call or subsequent calls. Reduction offered by the tenderer on freak high rates referred to the tenderer for review shall not be treated as voluntary reduction.

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**INSTRUCTION FOR FILLING AND COMPLETION OF TENDER DOCUMENTS**  
**BY THE TENDERER (CONTD)**

4. The bid submitted by the tenderer shall be deemed to have taken into account the entire corrigendum issued by the Dept before the due date of submission of bids and no claim whatsoever on account of any lapse or misunderstanding shall be entertained.
5. The tenderer shall quote his rates on the Schedule 'A' in the Bills of Quantities (BOQ) only in .xls format in the eprocuremes.gov.in portal. The tenderer are advised to quote their rates in the excel sheet (BOQ) and adhere to the instructions contained in the portal. In case the tenderer has to revise/modify the rates quoted in the Schedule 'A' (BOQ) he may do so before the date and fixed for opening of bid. Tenderers shall note that any discounts/rebates or revision of quoted rates offered alongwith documents submitted in physical form shall not be accepted. Any violation of these instructions will render the bid to be rejected.
6. No out of pocket expenditure incurred by tenderer for quoting the tender shall be reimbursed.
7. **ELIGIBILITY CRITERIA FOR**

A) **MES ENLISTED CONTRACTORS:-** The contractor shall be enlisted in the requisite class and category as mentioned in Appx 'A' of Notice of Tender. Scanned copy of enlisted letter alongwith its enclosures and scanned copy shall be uploaded alongwith the bid.

B). **UNENLISTED CONTRACTORS :**

(B-1) **Experience Criteria:-**

Past experience of "similar nature of works" completed in last 5 years.

- (a) Three works costing not less than Rs 7.50 lakhs  
(or)  
Two works costing not less than Rs 10.00 lakhs  
(or)  
One work costing not less than Rs 20.00 lakhs

**Note:-** Please submit details of " similar nature of works" executed by you financial year wise in tabular form giving name of work. Accepting Officer's details, viz, address, telephone, email etc, date of acceptance of tender and actual date of completion. It should indicate whether extension was granted or compensation was levied. Attested copy of acceptance letter and completion certificate shall be enclosed of each work. In case performance report has been given by the client same shall also be submitted duly attested.

- (b) Average annual turnover for two consecutive financial years shall not be than R 25.00 lakhs.

Note : Please submit turnover certificate issued by Chartered Accountant.

(B-2) **Financial Criteria:-**

- (a) Solvent upto Rs 10.00 lakhs.  
(OR)  
Financially sound for engagement upto Rs 25.00 Lakhs.
- (b) Working capital not less than Rs 5.00 lakhs.

**Note :** (i) Proforma of above documents is given below. Please forward above documents issued by your Bankers in Original. Above certificates shall not be older than 06 months as on 01 Apr 2014. Signatory shall endorse his rubber seal, indicate his name & bank employee number, bank address particulars like full address, telephone & fax number.  
(ii) Alternatively Wealth Tax Certificate can also be given, if available.

**INSTRUCTION FOR FILLING AND COMPLETION OF TENDER DOCUMENTS**  
**BY THE TENDERER (CONTD)**

**FORM OF SOLVENCY CERTIFICATE FORM A SCHEDULED BANK**

This is certified to the best of our knowledge and information M/s/Shri/Smt \_\_\_\_\_ having address \_\_\_\_\_ a customer of our bank are/ is respectable and can be considered solvent/financially sound for any engagement upto Rs \_\_\_\_\_ (Rupees \_\_\_\_\_). This certificate is issued without any guarantee or responsibility on the bank or any of the officers.

Place :  
Date :

Signature of Bank Manager  
Name, No & Seal of Bank

**Note :** In case of partnership firm, certificate to include names of all partners as recorded with the bank.

**WORKING CAPITAL CERTIFICATE**

This is certified that M/s/Shri/Smt \_\_\_\_\_ having address \_\_\_\_\_ has/have been maintained a saving bank account/current account/fixed deposit account with this bank of bank since \_\_\_\_\_ and an amount not less than Rs \_\_\_\_\_ (Rupees \_\_\_\_\_) has been available to the credit in his/here/their account Nos \_\_\_\_\_ for the last three months. The firm is enjoying overdraft/credit facility upto limit of Rs \_\_\_\_\_.

Place :  
Date :

Signature of Bank Manager  
Name, No & Seal of Bank

**(B-3)Fixed Assets.**

Limit of minimum reserves/total of movable or immovable property or fixed assets (in case of companies) \*80% of minimum reserve/assets shall be in shape of immovable property) shall be Rs 8.00 lakhs.

**Note (i)** Please submit affidavits on non-Judicial stamp paper of Rs 100/- each duly notarized and supported by copies of present valuation certificates for both immovable and movable property separately. It should also indicate that immovable property is free from mortgage, hypothecation or any other disputes and encumbrances and clearly belongs to your firm and it should indicate that immovable property will not be sold, transferred, gifted or otherwise disposed off without prior intimation to this office.

(ii) Immovable asset value indicate should be supported by Valuation certificate from a registered valuer and last tax paid receipt. Valuation certificate shall be on format Form 0-1 (See Rule 8D) report of valuation of immovable property (other than agricultural lands, plantations, forest, minus and quarries)

(iii) Movable assets like Scooter/Car etc or NCSs/fixed deposits etc should be supported by certificate photocopies of updated RC books, valid current Insurance papers, NSCs/fixed deposits.

**(B-4) Engineering Establishment**

- (a) One graduate Engineers from a Government recognized institution.
- (b) One diploma Engineers from Government recognized institution with minimum experience of two years.

**INSTRUCTION FOR FILLING AND COMPLETION OF TENDER DOCUMENTS**  
**BY THE TENDERER (CONTD)**

**Note :-** Please submit affidavits on non judicial stamp papers of Rs 100/- each duly notarized from your side having employed each engineer and from engineer side of taking your employment duly supported by attested copy of engineering degree/diploma as applicable to the individual.

**(B-5) T & P/ Machinery**

- (a) One bag capacity concrete mixer (Diesel) - 01 No
- (b) Vibrator (Needle & Plate type) - 01 No
- (c) Steel shuttering with spans, props etc - 200 Sqm

(B-6) (a) Constitution of firm on an affidavit on non judicial stamp paper of Rs 100/- duly notarized indicating status of firm i.e whether it is proprietorship or partnership or Limited firm.

Note : Please enclose notarized copy of partnership deed in case of partnership firm and notarized memorandum of articles of constitution in case of Limited firm.

- (b) Certified copy of Certified of registration of firm with Register of Firms.
- (c) Certified copy of PAN No /TIN No of proprietor /partners/ firm.
- (d) Certified copies of enlistment letters with carious Govt Department /PSUs.
- (e) Certified copy of general power of attorney in case any person(s) have been authorized to represent the firm including signatory of the application.
- (f) Postal address and Police Station Area of proprietor/partners/Directors of the firm. Department will carry out Police Verification of Proprietor / Partners / Directors as applicable. Contractor has to pay for fees if the rules of Police Deptt have the provision of the same.
- (g) Indemnity Bond on non judicial stamp paper of value of Rs.100/- duly attested by Notary (on format given below)

**INDEMNITY BOND**

*This bond of indemnity is executed on this \_\_\_\_\_ day \_\_\_\_\_ by M/s/ S'Shri \_\_\_\_\_ having registered office at \_\_\_\_\_ to indemnify the Government of India of the following:-*

- 1. We undertake to pay the Government of India any damages that may be found to be recoverable on order of our contracts.*
- 2. We undertake that in case Government is put to pay any loss or disadvantage in monetary of contract by the firm which shall indemnify the government for each loss or disadvantage.*
- 3. This bond of indemnity is executed by M/s \_\_\_\_\_ and have signed before me. Whatever stated above is true and correct to the best of my knowledge and belief.*

*Signature of Contractor Notary*

- (h) Certified copy of Sales Tax Certificate/ VAT.
- (j) Notarised affidavit on judicial stamp paper of Rs 100/- that there are no recoveries outstanding with any organization and there are no arbitration/litigation cases involving recoveries known to be existing on the firm at the time of submitting these details to our office.
- (k) Notarised affidavit on non judicial stamp paper of Rs 100/- that there is no relationship with any Gazetted/Commissioned Officers and JEs in MES/Corps of Engineers/Ministry of Defence.

**INSTRUCTION FOR FILLING AND COMPLETION OF TENDER DOCUMENTS**  
**BY THE TENDERER (CONTD)**

(I) Affidavit on non judicial stamp paper of Rs 100/- giving details of contracts where arbitration invoked during last five years.

(B-7) Tenderers shall submit copy of police verification certificate from police authorities of the area where the registered office is located. For proprietor / each partner / each director, scanned copy of valid passport duly notarized shall also be applicable in lieu of police verification.

**C) FOR BOTH ENLISTED AND UNENLISTED CONTRACTORS**

(C-1) Scanned copy of Demand Draft towards the cost of tender.

(C-2) (a) An affidavit on non judicial stamp paper duly notarized containing following documents shall be submitted.

- (a) Value of total work load in hand
- (b) Turnover for the last three consecutive years
- (c) Period of completion of each contracted works during last three years ie corresponding period of turnover
- (d) Balance work in hand
- (e) Confirmation that firm is a profit making firm
- (f) List of works in hand and remaining work to be completed as on date of submission of bid.

NOTE:- (i) Eligibility will be worked out based on formula  $A \times N \div B$  where  
A = Average annual turnover for last three financial years.  
N = Period of Completion contracted work (in years calculated till two decimal places)  
B = Value of balance works in running government contracts for above period  
(ii) The capacity of contractor shall also be analysed based on quarterly work load return published by the concerned authorities.

**FORMAT FOR AFFIDAVIT OF CONTAINING LIST OF WORKS(LAST THREE YEARS) IN HAND PERIOD OF COMPLETION, DATE OF COMMENCEMENT AND COMPLETION OF WORK AND REMAINING WORKS TO BE COMPLETED AS ON DATE OF APPLICATION DULY SIGNED ON AN AFFIDAVIT ON NON-JUDICIAL STAMP PAPER OF RS.100.00 DULY NOTARIZED.**

**(i) Annual Turn over of last three year (Scanned copy of supporting documents .pdf documents to be uploaded)**

Ser No	Year	Annul Turn Over Amount



**INSTRUCTION FOR FILLING AND COMPLETION OF TENDER DOCUMENTS**  
**BY THE TENDERER (CONTD)**

**(ii) Year wise list of completed work during last three year (Scanned copy of supporting documents .pdf documents to be uploaded)**

Ser No	CA No. & Name of work	CA Amount (in Rs)	Completion Amount (in Rs)	Period of Completion	Date of completion

**(iii) List of Balance work in hand:- Scanned copy of supporting documents .pdf documents to be uploaded)**

Ser No	CA No. & Name of work	CA Amount	Period completion of in months	Balance Amount of work (in Rs)

10. Contractor shall also upload copies of last income tax return to verify whether the firm is profit making.
11. Scanned copies of the documents as mentioned hereinbefore, as applicable, shall be uploaded by the tenderers in .pdf form in one folder alongwith their bids. The original documents shall be submitted in the sealed cover so as to reach this office before the date and time stipulated for opening of bid. Failure to adhere to the above requirement will result in rejection of their bids. In case any of the tenderer does meet the eligibility criteria or submits incomplete documents or provides false information, their technical bids will be summarily rejected and financial bid will not be opened. No claim for refund of the tender fee submitted by the tenderers in such cases shall be entertained.
12. These instructions shall form part of the tender documents.

Signature of the contractor  
Dated

AGE (Contracts)  
For Accepting Officer

**SCHEDULE ‘A’**

**Name of work :      TERM CONTRACT FOR OTM AND MD ACCNS OF STN HQ, MH, ASC, MES AND MAINTENANCE OF RESIDENTIAL AND OFFICE ACCN OF DAD WELLINGTON UNDER GE WELLINGTON**

**AREA OF APPLICABILITY OF THIS CONTRACT**

The term contract area is contained within and boundary given in Drawing No SP/001 dated 01/07/1972.

No work shall be ordered on the contractor outside the limits of these boundaries.

The approximate quantum of work in each trade in proportion to total work likely to be ordered during the currency of the contract is indicated in particular specification clause No 2 (Scope of work).

**MAP OF TERM CONTRACT AREA**

- 1. Drawing No SP/001 dated 01/07/1972 showing the area included in this tender and the boundaries marked but the drawing is not enclosed. Tenderers are advised to refer this drawing in the office of the Garrison Engineer Wellington / AGE B/R -I Wellington.
  
- 2. This term contract area boundary includes the following:-
  - (a) All OTM & MD Accns of STN HQ, MH, ASC, MES and RESIDENTIAL AND OFFICE ACCN OF DAD at Wellington

Signature of Contractor  
Dated

AGE (Contracts)  
for Accepting Officer

**SCHEDULE ‘A’**

**(REFER CLAUSES 2.3 OF PARTICULAR SPECIFICATION)**

Ser No	Description	Percentage out of total Value of work	Remarks
1	2	3	4
1.	Excavation	2%	The approximate percentage of work with reference to SSR trade sections likely to be ordered during currency of this contract are given in the Col 3. but there is no guarantee that this percentage of work should be restricted to the figure and given there in and the tenderers shall have no claim from the Govt on variation of the same.
2.	Concrete	9%	
3.	Brick work	7%	
4.	Stone Masonry	3%	
5.	Wood work/Carpenter’s work	4%	
6.	Joinery	8%	
7.	Builders Hardware	3%	
8.	Steel and Iron work	3%	
9.	Roof covering	10%	
10.	Ceiling and lining	2%	
11.	Flooring	23%	
12.	Plastering and pointing	8%	
13.	White / Colour washing / distempering	2%	
14.	Glazing	1%	
15.	Painting	1%	
16.	Demolition/dismantling	9%	
17.	Drainage/Sewage/Water supply	4%	
18.	Electrical Work	0.5%	
19.	Road Work	0.5%	
Total		100.00%	

Signature of Contractor  
Dated

AGE (Contracts)  
for Accepting Officer

SCHEDULE OF CREDIT

NOTE:-

1	The materials obtained from demolition as mentioned below shall become the property of the contractor. Necessary credit for the same shall be deducted from the contractor's payment as given below.
2	The rate mentioned under col-4 is firm and the contractor shall have no claim what so ever against the department if the actual cost turns out to be different from the cost given by the department.
3	The quantities actually executed under BOQ shall be measured and priced at credit rates inserted below. The contractor shall remove the credit items only after the credit amount is recovered either from the interim payment (RAR) or on remission of a sum of rupees equal to the value of credit in the form of MRO drawn in favour of GE.
4	Items if any obtained from dismantling/demolition/site clearance but not listed below shall become the property of GOVT and accordingly shall be handed over to store yard of GE without any extra payment.

Sl No	Description	Unit	Rate
1	Old door shutter with frame area not exceeding 1.50 sqm including builders hardware	EACH	150.00
2	Old door shutters with frame area exceeding 1.50 sqm not exceeding 4 sqm including builders hardware etc	EACH	250.00
3	Old shutters of any description area not exceeding 1.00 sqm including builder hardware	EACH LEAF	50.00
4	Old shutters of any description area exceeding 1.00 sqm and not exceeding 2.00 sqm including builder hardware	EACH LEAF	100.00
5	Old brick/brick bats	CUM	300.00
6	Steel reinforcement	KG	15.00
7	Old CGI sheet	SQM	25.00
8	Old AC sheet	SQM	15.00
9	Timber scantlings 40 Sqcm and over	CUM	5000.00
10	Timber boarding	SQM	10.00
11	Old mangalore pattern tiles	SQM	5.00
12	Old tiles battens	SQM	10.00
13	Old 0.71 mm thick aluminium sheet	SQM	10.00
14	Old 15 mm bore GI Tube	RM	15.00
15	Old 20 mm bore GI tubing	RM	20.00
16	Old stop valves/pillar tap/bib tap	EACH	35.00
17	Old ball brass valves	EACH	35.00
18	Old PVC/ AC rain water pipe 110 mm/75 mm, AC Gutter118mm, 180mm and 200mm	RM	5.00
19	Old flushing cistern	EACH	50.00
20	Old brass tubular towel rod	EACH	10.00

SCHEDULE OF CREDIT

Sl No	Description	Unit	Rate
21	Old fencing post steel/RCC	RM	10.00
22	Old fencing wire mesh	SQM	10.00
23	Old PVC connection	EACH	2.00
24	Old Mirror	EACH	50.00
25	Old stainless steel sink	EACH	100.00
26	Old Mild Steel work	KG	15.00
27	Old stone boulders	CUM	300.00
28	Old PVC water tank 500 Ltr cap	EACH	500.00
29	Old PVC water tank 1000 Ltr cap	EACH	700.00
30	Old PVC water tank 2000 Ltr cap	EACH	1000.00
31	Old PVC water tank 5000 Ltr cap	EACH	1500.00
32	Old stone/ kadappa slab	SQM	10.00
33.	Old CP Basin mixer	EACH	80.00
34.	Old CP Angle cock	EACH	40.00
35.	Old Soap dish	EACH	20.00
36.	Old CP shower rose	EACH	10.00
37.	Old health faucet	EACH	20.00
38.	Old CP hand shower	EACH	100.00
39.	Old ceiling / wall boards including frame work	SQM	20.00
40.	Old CP wall mixer any type	EACH	200.00
41	Toilet Paper Holder	EACH	15.00
42	Old unserviceable tiles of any type	Sqm	5.00
43	Old unserviceable aluminium scrap of any type	Kgs	130.00

Signature of the contractor  
Dated

AGE (Contracts)  
For Accepting Officer

**SCHEDULE 'B'**  
**(ISSUE OF MATERIAL TO THE CONTRACTORS)**  
**(SEE CONDITION 10 AND 32 OF IAFW-2249)**

SI No	Particulars	Unit	Rate at which materials will be issued to the contractor	Place of issue by name	Remarks
1	2	3	4	5	6

Nil

**SCHEDULE ' C'**  
**LIST OF TOOLS AND PLANTS (OTHER THAN TRANSPORT) WHICH**  
**WILL BE HIRED TO THE CONTRACTOR**  
(See condition 15, 34 and 35 of IAFW-2249)

Sl. No	Particulars	Details of MES Crew supplied	Hire Charges per unit per working day	Standby charges per unit per off day	Place of issue (by Name)	Remarks
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Nil

**SCHEDULE ' D'**  
**TRANSPORT TO BE HIRED TO THE CONTRACTOR**  
(See condition 16 and 35 of IAFW-2249)

SI No	Quantity	Particulars	Rate per unit per working day	Place of issue (By Name)	Remarks
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Nil

Signature of the contractor  
Dated

AGE (Contracts)  
For Accepting Officer

**TENDER**

To,

The President of India

Having examined and perused the following documents.

1. Specifications signed by the AGE (Contracts).
2. Drawings detailed in the particular specifications.
3. Schedule 'A', 'B', 'C' and 'D' attached thereto.
4. MES Standard Schedule of Rates 2009 Part I Specification and **Part II Rates 2020(Rates)** hereinafter and in IAFW-2249 referred to as the MES SCHEDULE together with amendments 1 to 03 for Part I 2009 and 1 to 122 for Part II 2020 as applicable to the above said Schedule.”
5. General Conditions of Contract IAFW-2249 (1989 Print) including amendments 1 to 49 and Errata 1 to 20.
6. Water will not be supplied by MES.
7. SHOULD THIS TENDER BE ACCEPTED

\* I/WE AGREE

(a) That the sum of **Rs. 59,500.00 (Rupees Fifty Nine Thousand Five Hundred only)** forwarded as Earnest Money shall either be retained by the Govt on account of Security Deposit or shall be refunded by the Government on receipt of the full amount of Security Deposit within the time specified in condition 22 of IAFW-2249.

\* to be deleted where not applicable

**TENDER (CONTD)**

- (b) To perform such services and execute such works upon the terms and conditions contained or referred to in the aforesaid documents and upon the conditions hereinafter contained as may be demanded, and as are enumerated in the aforesaid MES Schedule during the period of one year from the date of acceptance at the rates contained in the afore said MES Schedule, 2020 Part II.
- (c) **Contractor (s) to insert their rate percentage in BOQ uploaded here with.**

OR

At such other rates as may be fixed under the provisions of condition 62 and further agree to refer all disputes as required by condition 70 to be sole arbitration of an 'Serving Officer having degree in Engineering or equivalent or having passed final / direct Examination of Sub Divn II of Institute of Surveyors (India) recognized by the Govt of India, to be appointed by Chief Engineer, Chennai Zone, Chennai or in his absence the Officer Officiating as Chief Engineer, Chennai Zone, Chennai whose decision shall be final conclusive and binding.

1. The total estimate of any single work, job or service as defined in condition 4 A shall not exceed **Rs 1,50,000/-**.
2. The number of civilian work people who may be employed by the GE under the provisions of conditions 4-A (e) (ii) shall not exceed an average of 20 per day in any one Calendar month.



**TENDER (CONTD)**

Signature\_\_\_\_\_ in the capacity of \_\_\_\_\_ duly  
authorized to sign the tender for and on behalf of

\_\_\_\_\_  
(IN BLOCK LETTERS)

DATE

ADDRESS \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**WITNESS SIGNATURE:** \_\_\_\_\_

WITNESS NAME & ADDRESS \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Mobile No : \_\_\_\_\_

Telephone No. \_\_\_\_\_

**ACCEPTANCE**

\_\_\_\_\_ alterations have been made in this documents and as  
evidence that these alterations were made before the execution of the contract agreement, they  
have been initialed by the contractor and **Shri N Subramani, AE(QS&C).**

The said officer is hereby authorized 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  
uniform percentage of \_\_\_\_\_% ( \_\_\_\_\_ Percentage)  
on/off the rate contained in the MES Schedule 2020 (Part-II) dated this \_\_\_\_\_ day of 2023.

APPOINTMENT      EE  
GARRISON ENGINEER WELLINGTON  
ACCEPTING OFFICER

(FOR AND ON BEHALF OF THE PRESIDENT OF INDIA)

**GENERAL CONDITIONS OF CONTRACTS (IAFW-2249 - 1989 PRINT)**  
**FOR**  
**(TERM CONTRACTS (IAFW -1821) (REVISED 1955)**

A copy of the GENERAL CONDITIONS OF THE CONTRACTS (IAFW-2249 – 1989 Print) with errata 1 to 20 and amendments No.1 to 49 has been supplied to \* me/us and is in \* my/our possession. \* I/We have read and understood the provisions contained in the aforesaid GENERAL CONDITIONS OF CONTRACTS before submission of this tender and \* I/We agree that \* I/We shall abide by the terms and conditions therefore, as modified, if any elsewhere in these tender documents.

It is hereby further agreed and declared by \*me/us, that the MES GENERAL CONDITIONS OF CONTRACTS (IAFW-2249- 1989 Print) including condition 70 thereof pertaining to settlement of disputes by Arbitration and Conciliation Act (1996), containing 33 pages (Serial page **19 to 51**) with errata 1 to 20 and amendments Nos 1 to 49 (Serial page Nos **52 to 75**) form part of the tender documents.

- Delete whichever is not applicable.

Signature of Contractor  
Dated :

AGE (Contracts)  
For Accepting Officer

**SCHEDULE OF MINIMUM FAIR WAGES**

1. Schedule of Minimum fair wages is not enclosed along with tender but the contractor is deemed to have full knowledge regarding the minimum wages payable to labourers as legally effective on the date of submission of tender and his tendered rates shall be deemed to have been based on this irrespective of the fact that Gazette Notification may not have been published or that he was unaware of the increase in minimum wages. (For the purpose of reimbursement of price variation clause for wages escalation of labour, the minimum wages legally effective on the date of receipt of tender shall be the basis). The minimum wages legally effective referred to above are the minimum wages notified in the State/ Central Gazettes/Governed by any local regulation whichever is higher.

2. My/Our signature hereunder amount to my/our having signed the aforesaid documents forming part of this tender.

Signature of the contractor  
Dated

AGE (Contracts)  
For Accepting Officer

**SPECIAL CONDITIONS****1. GENERAL**

- 1.1 The following special conditions shall be read in conjunction with the General Conditions of contracts IAFW-2249 (1989 Print) and IAFW-1821-A (Revised 1955) including amendments thereto. Any provision in these special conditions is at variance with that of the aforesaid documents the former shall be deemed to take precedence there over.

**2. INSPECTION OF SITE**

- 2.1 For the purpose of inspection of site, the tenderers are advised to contact the GE concerned who will give reasonable facilities therefore. The tenderer shall also make himself familiar with the working conditions accessibility to site of works , availability of labour and materials and such other relevant conditions which affect the execution and the entire completion of the Works under this contract.

**3. SECURITY AND PASSES**

- 3.1 Refer condition 25 of IAFW -2249. The contractor shall employ only Indian Nationals as his representatives, servants, and workmen and verify their antecedents and loyalty before employing them for the works to suit the user's security requirements. All expenses in connection with verification of antecedents by police authority/security agencies shall be borne by the contractor. He shall ensure that no person of doubtful antecedents and Nationality is in any way, associated with work. If for reasons of technical collaboration or other consideration in the employment of any foreign National is unavoidable, the contractor shall furnish full particulars to this effect to the Accepting Officer at the time of submission of his tender. GE shall order the contractor to cease to employ in connection with this contract any representative agents, servants and workmen or employee, whose continued employment in his opinion is undesirable. The Contractor shall not be allowed any compensation on this account.
- 3.2 The contractor shall, on demand by the Engineer-in-Charge submit list of his agents, employees and work people concerned and shall satisfy the Engineer-in-Charge as to the bonafide of such people.
- 3.3 The Engineer-In-Charge shall at his discretion have the right to issue passes, as per rules and regulations of the installations area in force to control the admission of the contract or his agent, employees and work people to the site of work or any part thereof. Passes shall be returned at any time on demand by the Engineer-In-Charge or the authorities concerned and in any case on completion of work.
- 3.4 The contractor and his agents, employees and work people shall observe all the rules promulgated by the authority controlling the installation/area in which work is to be carried out eg, prohibition of smoking and lighting, fire precautions, search of persons on entry and exists, keeping to specific routes, observing specified timings etc. Nothing extra shall be admissible for any man hours etc lost on this account.

**4. CONDITION FOR WORKING : The work lies in UNRESTRICTED AREA.**

- 4.1 Site for this work lies in unrestricted area. However control of admission of labour/ employee /agents of the contractor and observation of rules and regulations as specified in clause 3.3 and 3.4 hereinbefore shall be applicable.
- 4.2 **Work on Holidays.**
- 4.2.1 The contractor shall not carry out any work on gazette holidays, weekly holidays and other non-working days except when he is specifically authorized in writing to do so by the GE. The GE may at his sole discretion declare any day as holiday or non-working days without assigning any reason for such declaration.
- 4.3 Access to area of work site after completion of works. After the works are completed and surplus stores etc, removed, the contractor, his agents, representatives or workmen etc, may not be allowed to have access to the area of work site except for attending any rectification of defects pointed out to him by the GE.

**SPECIAL CONDITIONS (CONTD...)****5. MINIMUM WAGES PAYABLE.**

- 5.1 Refer Condition 58 of General Conditions of Contracts IAFW-2249. The Contractor shall not pay wages lower than minimum wages for labour including special allowances as fixed by the Govt of India/State Govt/Union Territory under Regulation Act) whichever is higher.
- 5.2 The fair wage referred to in condition 58 of General Conditions of Contracts IAFW-2249 will be deemed to be the same as the minimum wages payable as referred to above.
- 5.3 The contractor shall have no claim whatsoever, if on account of local factors and /or regulations, he is required to pay the wages in excess of minimum wages as described above during the execution of work.

**6. SAMPLE OF MATERIALS/ INDIAN STANDARD**

- 6.1 Wherever any reference is made to any IS with or without year of publication in the particular specification, drawings, and in the MES Schedule, it means the edition with all amendments current on the date of issue of tender documents.
- 6.2 All materials and stores to be procured and incorporated in the work shall be new and in accordance with the relevant specification.
- 6.3 Materials of local origin shall be procured from any source from where the items meeting the required specification are available with prior approval of the GE.
- 6.4 Samples of materials/fittings etc which are to be supplied by the contractor shall be approved by the GE before incorporation in the work. Contractor shall not collect /procure materials/fittings etc unless samples are first approved by the GE in writing. Also refer condition 10 of IAFW-2249 General Conditions of Contract.
- 6.5 The materials, articles, fittings and fixing accessories shall be of the brands specified and comply with the requirements indicated in the particular specification and as per manufacturers as per Appx enclosed. Where detailed specification is not so indicated, sample will be approved by the GE, in the following order of precedence after which only the contractor will make bulk procurement for incorporation in the works. Materials, articles, fittings and fixing accessories shall:-
- (a) ISI marked /tamped (BIS certified products)
  - (b) Conforming to relevant IS but not marked.
  - (c) Conforming to sample kept in CWE/GE
  - (d) As per samples approved by GE keeping in view the technical and financial requirements.
- 6.6 Building materials viz, aggregates, sand, bricks, wood etc shall be got tested in Engineering college or in any other approved/recognized laboratories by Govt at such intervals as per relevant IS. In case the contractor has not carried out sufficient number of tests as specified above, necessary recovery shall be made at the rates as directed by the GE based on the rates charged by the approved laboratory/Engineering College.
- 6.7 Samples of materials, fittings and fixtures shall be kept on display at the site of works duly approved by the GE.
- 6.8 Where the list of several manufactures has been stipulated for the relevant items, selection of such manufacturer shall be at the discretion of the contractor after obtaining approval from the GE. The contractor shall ensure that the manufacturer selected by him has adequate resources and is fully equipped to produce the materials/products strictly conforming to the contract specifications and can ensure timely delivery.

Contd....

**SPECIAL CONDITIONS (CONTD...)****7. TESTING OF MATERIALS**

- 7.1 All the materials as indicated in Appx 'A' to this special condition shall be tested in the Zonal Lab of Chennai Zone or National test house/SEMT wing/Govt Engg College/M/s Civil Aid Techno Clinic Pvt Ltd / Govt. approved testing labs / Other Engineering Colleges having NABL accreditation for testing as approved by GE and product the test result thereof. The cost of such tests shall be borne by the contractor. Testing of water shall also required to be done whether water is supplied by Dept or otherwise for its suitability for use in the works.
- 7.2 The type of tests and frequency of tests to be carried out are attached as per Appx 'A' for guidance. However frequency given in IS in any case is to be followed. GE, depending on the nature of work, if required, may order additional tests/checks to this list. The contractor shall be responsible for such tests to be carried out. The charges for the tests carried out shall be borne by the contractor. However, a percentage/selected checks as decided by the Accepting Officer/CWE, shall be got done independently in the Zonal/Govt approved lab and the expenditure for such tests shall be borne by the department.
- 7.3 In case number of tests as per IS requirement/as per frequency mentioned in Appx 'A' enclosed are not carried out and if otherwise materials are accepted/incorporated in the work as proved, recovery shall be effected from the contractor for the tests not carried out at the charges mentioned in Appx 'A' hereinafter. The contractor shall have no claim on this account.

**7.4 RECORDS**

- 7.4.1 The contractor shall maintain proper records of tests carried out indicating date of testing, source of supply, nature of tests carried out etc, in approved format as approved by GE. These records shall be signed by the Engineer-in-Charge or his accredited representative on day to day basis. Test results shall be countersigned by Engr-in-Charge and GE and kept on record, with one copy in EIC office and one copy in the GE's office.

**7.5 DISPLAY OF SAMPLES AT WORK SITE**

- 7.5.1 Samples of all fittings and fixtures, which are to be incorporated in the works, shall be kept in display by the contractor at work site in the custody of Engineer-In-Charge within three weeks of date of acceptance of contract at each site for all projects.

**8. RECORD OF MATERIALS**

- 8.1 The quantity of materials such as paints, water proofing compound, chemicals for anti-termite treatment etc, and the like, as directed by the Engineer-in-Charge the quantity of which cannot be checked after incorporation in the works 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 to site for incorporation in the work.
- 8.2 Materials brought to site shall be stored as directed by the Engineer-in-Charge and those already recorded in Measurement Book shall be suitably marked for identification.
- 8.3 The contractor shall, on demand, produce to the GE, original receipted paid vouchers in respect of the supplies, like cement, steel, major E/M equipment like transformers, DG sets, compact sub station, LT Panels, pump sets etc. invariably. The paid vouchers so produced shall be verified, defaced and stamped by Engineer-in-charge indicating contract number, name of work, under his dated signature. The contractor shall ensure that the materials are brought to site, in original sealed containers/ packing, bearing manufacturers marking except in the case of the requirement of materials being less than smallest packing.
- 8.4 In addition to the items given in para 19.3 above, contractor shall produce paid vouchers from the manufacturers and /or their authorized agents for the full quantity of all the materials for which payment is claimed in RARs as "Materials laying at site", as applicable as a prerequisite before submitting claims for payment for advances in accordance with condition 64 of general conditions of contracts IAFW -2249.

Contd....

**SPECIAL CONDITIONS (CONTD...)**

- 8.5 The contractor shall produce manufactures test certificate for the following items:-
- (a) Factory made shutters
  - (b) LT Cables
  - (c) Electrical wires
  - (d) All electrical and mechanical equipments like compact substation transformers, DG set etc.
  - (e) Steel
  - (f) Cement
  - (g) Any other item as decided by GE
- 8.6 The contractor shall produce manufacture's test certificate alongwith the paid vouchers for the following items :-
- (a) Cement
  - (b) All Steel

**9. RECORD OF CONSUMPTION OF CEMENT**

- 9.1 For the purpose of keeping a record of cement consumed in works, the contractor shall maintain a pucca bound register in the form approved by the Engineer-in-Charge showing daily receipts quantity used in works and the balance in hand. The register shall be signed daily by the contractor's representative and the Engineer-in-Charge in token of their verification of its correctness. The check will not, however, absolve the contractor of his responsibility to justify the consumption of cement at the time of finalization of his accounts.
- 9.2 The register shall be kept at site in the safe custody of the contractor during process of the work and shall, on demand, be produced for verification of Inspecting Officers. On completion of the work, the register shall be handed over to the Engineer-in-Charge for record with MES.

**10. NET WORK ANALYSIS**

- 10.1 The time and progress chart to be prepared as per condition 11 of IAFW-2249 (General Conditions of Contracts) shall consist of detailed net work analysis and at time schedule. The critical path net work will be drawn jointly by the GE and the contractor soon after acceptance of the tender. The time schedule of the activities will be done by the contractor so as to finish the work within the stipulated time. On completion of the time schedule a firm calendar date schedule will be prepared and submitted by the contractor to the GE who will approve it after the scrutiny. The schedule will be submitted in four copies within two weeks from the date of handing over site.
- 10.2 During the 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 review and updating of the net work under taken by the GE. These reviews may be undertaken at the discretion of the GE either as periodical appraisal measure or when the quantum of work ordered on contractor is substantially changed through deviation orders or amendments. Any revision of the time schedule as a result of the review will be submitted by the contractor to the GE within a week for his approval after due scrutiny. The contractor shall adhere to the revised time schedule thereafter. In case of contractor disagreeing with revised schedule the same will be referred to the Accepting Officer whose decision shall be final conclusive and binding. GE's approval to the revised schedule resulting in a completion date beyond the stipulated date of completion shall not automatically amount to a grant of extension of time. Extension of time shall be considered and decided by the appropriate authority mentioned in condition 11 of IAFW-2249 and separately regulated.
- 10.3 The contractor shall mobilize and employ sufficient resources to achieve the detailed schedule within the broad frame work of the accepted method of working and safety. No additional payment will be made to Contractor for any multiple shift work or other intensive methods contemplated by him in his schedule, even though the time schedule is approved by the department.

**SPECIAL CONDITIONS (CONTD...)****11. SECURITY OF CLASSIFIED DOCUMENTS**

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

**12. ROYALTIES**

- 12.1 Reference condition 14 of General Conditions of Contracts (IAFW-2249), No quarries on Defence Land are available.

**13. OFFICIAL SECRET ACT**

- 13.1 The contractor shall be bound by the Official Secrets Act 1923.

**14. WATER SUPPLY**

- 14.1 Water will not be supplied by MES. The tenderer shall make his own arrangement for supply of water required for the work and for the labour etc and no claim shall be entertained on this account. Water to be tested before using the work.

**15. ELECTRIC SUPPLY**

- 15.1 Electricity will not be supplied by MES. The tenderer shall make his own arrangement for supply of electricity required for the work and for the labour etc, and no claim shall be entertained on this account.

**16. PERIOD FOR KEEPING THE TENDER OPEN**

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

**17. CO-OPERATION WITH OTHER AGENCIES**

- 17.1 The contractor shall permit free access and generally offered reasonable facilities to the agencies engaged by Govt. to carryout their part of the work if any under separate arrangements.
- 17.2 The contractors price shall be deemed to cater all the contingencies and no extra claim shall be admissible on this account.

**18. LAND**

- 18.1 Contractor will be allotted open land near the building for the following :-  
(a) Storage of materials (including temporary sheds if available).  
(b) Fabricating work shop.
- 18.2. No land will be allotted for labour camp. A nominal rent of Rs. 1/- per year or part of year will be charged from the contractor for each separate area of land allotted to him.

Contd....



**SPECIAL CONDITIONS (CONTD...)****19. WORKMANSHIP AND MATERIALS**

- 19.1 To determine the acceptable standard workmen ship and fitting GE shall order the contractor or execute the following type of works as samples in any room or rooms :-
- (a) Plaster work on internal/external walls including white wash/cement base paint/distempering and other finishes as specified.
  - (b) Wooden joinery including mongories and other fittings and fixtures.
  - (c) Dado/Skirting and floor finishes.
  - (d) Sanitary fittings including plumbing and internal water supply pipes and fittings.
  - (e) Internal electrification works including fittings.
- 19.2 The items of work shall be completed under close supervision of the Engineer-in- Charge. On approval of these samples of workmen ship by GE these items shall be labelled as guiding samples, so that the further work shall be executed to confirm these samples.

**20. DAMAGE TO EXISTING STRUCTURE**

- 20.1 Any damage done to the existing structures, installations caused by contractor during execution or in course of movement of materials etc shall be made good by the contractor at his own risk and cost to the entire satisfaction of Engineer-in-Charge. Rectification/ reinstatement making good etc all conform to the standard workmanship and materials originally used in the work and the finished work shall match with the existing work in all respects.

**21. REFUND OF PERFORMANCE SECURITY**

- 21.1 Refer condition 19, 46 and 68 of IAFW-2249 General Condition of Contract.
22. The performance security deposit shall be refunded to the contractor after the expiration of defects liability period of **Twelve** calendar months after the works have been handed over to Government (here-in-after referred to as the 'defects liability period').

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

- 23.1 The rates quoted by the Contractor shall be deemed to be inclusive of all taxes (including Sales Tax/VAT on materials, Sales Tax/VAT on works contracts, turnover tax, Labour Welfare cess/tax etc), duties Royalties Octroj & other levies payable under the respective Statues. No other levies and /or imposition/abolition of any new/existing tazes, duties Royalties, Octroi & other levies shall be made except as provided in sub para 23.2 here-in-below
- 23.2 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 Sales Tax/VAT on Works Contracts, Turnover Tax, Labour Welfare Cess/tax and like but excluding Income Tax. The tendered rates shall be deemed to be include of all taxes directly related to contract value: with existing percentage rates as prevailing on last due date for receipt of tenders. Any increase in percentage rates of "taxes directly related to contract value" with reference to prevailing rates on last due date for receipt of tenders shall be reimbursed to the contractor and any decrease in percentage rates of "taxes directly related to contract value with reference to prevailing rates of last due date for receipt of tenders shall be refunded by the contractor to the Govt/deducted by the Govt from any payments due to the contractor. Similarly imposition of any new "taxes directly related to contract value, after the last due date in 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.

**SPECIAL CONDITIONS (CONTD...)**

- 23.3 The contractor shall within a reasonable time of his becoming aware of variation in percentage rates and /or imposition of any further taxes directly related to contract value" give written notice thereof to the GE stating that the same is given pursuant to this special Condition, together with all information relating thereto which they may be in a position to supply. The contractors shall submit the other documentary proof information's as the GE may require.
- 23.4 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 required, any documents so kept and such other information's as the GE may require.
- 23.5 Reimbursement for increase in percentage rates/imposition of "taxes directly related to contract value" shall be made only if the contractor necessarily & properly pays additional "taxes directly related to contract value" to the Govt, without getting the same adjusted against any other tax liability or without getting the same refunded from the concerned Govt authority and submits documentary proof for the same as the GE may require.
- 23.6 However labour Welfare Cess/Tax and element towards ESI & PF contribution shall be applicable to this contract besides other applicable taxes/levis as per law of land. The quoted offer is deemed to include this provision.

**24. BUILDING AND OTHER CONSTRUCTION WORKERS WELFARE CESS ACT**

- 24.1 The quoted percentage shall deemed to be inclusive of the bldg and other construction workers welfare cess. The cess at the rate as prescribed by the State Govt/Building and other construction workers welfare Board shall be deducted at source and no extra payment shall be admissible to the contractor on this account.

**25. HANDING OVER OF SITE**

- 25.1 Site for execution of work will be available as soon as the work is awarded. In case it is not possible to make the entire site available on the award of work, the contractor will have to arrange his working programme accordingly. No claim what so ever for not giving the entire site on award of the work and for giving site gradually, will be tenable.

**26. WATCH / LIGHTING**

- 26.1 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/during contract period all as directed by the Engineer-in-Charge.

**27. ELECTRICAL LICENSE**

- 27.1 The Electricity Act, 2003 has come into force and Indian Electricity Act, 1910 stands repealed with effect from 10 Jan 2003. In exercise of the powers conferred under Section 177 of this Act, Central Electricity Authority (Measures Relating to Safety and Electric Supply) Regulation, 2010 was promulgated by Central Electricity Authority. Rule 29 under Part III of Central Electricity Authority (Measures Relating to Safety and Electric Supply) Regulation, 2010 reads as under:-

"No electrical installation work including additions, alterations, repairs and adjustments to existing installations except such replacement of lamps, fans, fuse, switches, low voltage domestic appliances and fittings as in no way alters its capacity or character shall be carried out upon the premises of or on behalf of any consumer, owner or occupier, for the purpose of supply to such consumer, owner or occupier except by an electrical contractor licensed in this behalf by the State Government and under the direct supervision of a person holding a certificate of competency and by a person holding a permit issued and recognized by the State Government".

**SPECIAL CONDITIONS (CONTD...)**

- 27.2 The exemption referred in Section 184 of Electricity Act, 2003 is not applicable in MES contracts.
- 27.3 Valid Electrical License issued by concerned State Government/Union Territory shall only be applicable.
- 27.4 For execution of electrical works/ electrical component of works requiring Electrical License in accordance with Rule 29 mentioned above, the contractor shall have valid Electrical License issued by the concerned State/ Union Territory in the name of the Firm or get the work executed through an agency having valid Electrical License. Items of works under category (C) [including its sub-categories (i) to (vii)] and category (d)(v) shall also be executed in this manner to the extent Rule 29 mentioned above is applicable to such items.
- 27.5 Prior to commencement of electrical work/electrical component of works and other works as mentioned in 24.4 above, 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 Electrical License shall be submitted by the contractor to the Accepting Officer through GE/Project Manager with copy to CWE, as applicable. In case contractor does not possess valid Electrical License and he intends to get such work executed through agency having valid Electrical License and with whom he has agreement, prior approval of such agency in all contracts shall be got done from competent authority, who shall be concerned CWE (concerned CE Zone/CCE in case there is no CWE). Copy of License shall be kept on record by GE/ AGE(I)/ PM as well as CWE/ CE Zone/ CCE for future reference.
- 27.6 GE/PM and concerned AGE/Engineer-in-Charge shall ensure that electrical work/ electrical component of works and other works as mentioned in Para 24.4 above required to be executed in accordance with Rule 29 mentioned above are executed by contractor/agency having valid Electrical License, as applicable. In addition, Supervisor for execution of electrical works/electrical component of works employed by the contractor shall possess Supervisor Certificate of Competency issued by concerned State Government/Union Territory and the worker/tradesmen for execution of electrical work/electrical component of work shall hold necessary Permit issued by concerned State Government/Union Territory.
- 27.7 Reference of Electrical License and details of Supervisors' 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.

**28. TOOLS AND PLANTS**

- 28.1 The following minimum tools & plants shall be made available at site execution of work.
- |     |  |           |
|-----|--|-----------|
| (a) | One bag capacity concrete mixer (Diesel) | - 01 No   |
| (b) | Vibrator (Needle & Plate type)           | - 01 No   |
| (c) | Steel shuttering with spans, props etc   | - 200 Sqm |

Signature of the contractor  
Dated

AGE (Contracts)  
For Accepting Officer

**PARTICULAR SPECIFICATION**

**Name of Work: TERM CONTRACT FOR OTM AND MD ACCNS OF STN HQ, MH, ASC, MES AND MAINTENANCE OF RESIDENTIAL AND OFFICE ACCN OF DAD WELLINGTON UNDER GE WELLINGTON**

**1. GENERAL**

- 1.1 General rules, specifications special conditions and all other preamble in the MES Schedule shall be deemed to be applicable to the work under this contract. Materials for which samples have not been displayed in the office of the GARRISON ENGINEER shall comply with the latest ISI specifications.

**2. SCOPE**

- 2.1 The scope of work under this contract comprises of artificers work ie provision or addition, alteration repairs etc as described in condition 4A of IAFW-2249. Duration of period and Zone of operation for artificers work shall be as specified herein before.
- 2.2 The approximate quantum of work (in relation to total works) likely to be ordered during the Currency of Contract will be as under :-
- (a) Appx 95% - Repair Works.
  - (b) Appx 5% - New/Original works each costing less than Rs 1,50,000/- each.
- 2.3 The approximate percentage of work with reference to SSR trade sections likely to be ordered during the currency of this contract are given in Schedule 'A' on Serial Page No 13.
- 2.4 The aforesaid percentage breakdown given in 2.2 and 2.3 above is only approximate and purely given for guidance of the tenderers. These are likely to vary depending upon the requirement of the jobs and service from time to time during the currency of the contract. It is an express condition of this contract that such variations will not be entitled either the contractor or the Government to any claim for reimbursement for loss or compensation which either party may suffer on this account.

**3. MATERIALS**

- 3.1. The following materials to be supplied by the contractor shall conform to or shall be better than the samples kept in the office of the GE or in the central sample room of CWE :-
- (a) Cement
  - (b) Steel
  - (c) Stone for stone masonry, aggregate for concrete and road work
  - (d) Bricks/Precast PCC Solid Blocks
  - (e) Sand for concrete, mortar and plaster
  - (f) Builders hardware
  - (g) Timber
  - (h) Synthetic enamel paint and primer
  - (j) Mangalore pattern tiles and ridges
  - (k) Plain cement tiles/marble mosaic tiles / ceramic non skid/ glazed tiles
  - (l) Plumbing sanitary and water supply items.
- 3.2 Sample of all materials to be supplied by the contractor (required to conform to samples displayed or conforming to IS) shall be first got approved from the GE well in time, before bulk order is placed.
- 3.3 (a) **COARSE AGGREGATE:** All coarse aggregate shall be hard granite graded aggregate from quarries and shall conform to samples kept in GE's Office.

**PARTICULAR SPECIFICATION**

b) **FINE AGGREGATE** : Fine Aggregate for concrete work shall conform to materials specified in Clause 4.4 to 4.4.7.3 of MES Schedule Part – 1. Contractor may without any extra cost in lieu of river sand use manufactured sand (Crushed stone sand) produced from hard granite/ basalt/ block trap stone, having cubical shaped particulars with grounded edges of ground gradation zone II/III as per IS 383-1970 as applicable. In the market it is known as M-sand/ Robo sand/ I-sand etc.

(c) **BRICKS**: shall be normal size kiln burnt Sub Class “B” bricks and shall conform to sample in GE’s Sample room.

(d) **STONE**: Stone for construction shall be hard granite stone, from quarries conforming to sample kept in GE’s sample room.

(e) **TIMBER**: 1st Class hardwood wherever ordered shall be teak as per samples kept in GE’s sample room. 2nd Class hard wood shall be ventek, pillamarudu, Karimarudu etc., as approved by GE for the type of work.

(f) **SYNTHETIC ENAMEL PAINTS**: Synthetic enamel paints for all locations shall be of the approved paint quality not inferior than that specified in IS and shall be purchased in sealed containers from the manufacturers/dealers of 1st quality. Primer shall be of the same manufacturer as that of the paint.

(g) **LIME**: Lime for white wash etc., shall be slaked lime (fat lime) and of best quality. Lime for masonry and concrete shall be either from lime stone or un-slaked lime and prepared as directed by Engineer-in- Charge.

(h) **DISTEMPERING WITH OIL BOUND DISTEMPER**

(i) Make and the colour and tints of distemper shall be as approved by GE.

(ii) Distempering shall be carried out all as described in Schedule 'A' and as specified in clause 15.14 of SSR Part I of 2009.

(iii) Oil bound distemper shall be first from specified makes.

(j) **CEMENT BASED PAINT (SNOWCEM)**

(i) Cement based paint shall comply with IS 5410 - 1992

(ii) Cement based paint shall be applied all as described in Sch 'A' and all as specified in clause 15.15 to 15.15.12 of SSR Part I of 2009.

(iii) Cement paint used shall be of snowcem, supercem, Durocem.

(k) **BUILDERS HARD WARE**: Builders hard ware shall match with the existing and shall conform to IS.

(l) **CEMENT**: Cement required for the work under the contract shall be procured, supplied and incorporated in the works by the contractor under his own arrangements. Cement shall be of tested quality and shall comply with the requirements mentioned in the drawings, SSR, IS specifications as amended and particular specifications given hereinafter.

Type of cement for the subject work shall be ordinary Portland cement grade 43 (Forty Three) in accordance with IS-8112-1989 unless otherwise mentioned in structural drawings forming part of the tender documents. Cement shall be procured by the Contractor from any of main producers of cement or their authorized dealers like ACC, L&T Ltd., Gujrat Ambuja Cement, Rajashree Cement, Corramandal Cement, Birla Corpn Ltd., (Cement Division), Orient Cement, JK Cement, Madras Cement Ltd (Ramco)., Rassi Cements Ltd., Vikram Cement, Andhra Cement Ltd., Century Cement, Dalmia Cement (Bharat) Ltd., The India Cement Ltd., Jaypee Rewa Cement, JK Cements Ltd., Raymond Ltd (Cement Division), Adiya Cement, Grasim Cement and Chettinad Cement. The contractor shall procure the cement from authorized distributors / dealers of the approved firms if estimated requirement of cement is less than 1200 bags

**PARTICULAR SPECIFICATION**

(m) Any other materials not mentioned above but required to be incorporated in the work shall conform to the specification given in MES Schedule with ISI mark and shall be best indigenous make as approved by GE.

(n) **STEEL AND IRON WORK**

(i) All steel required for the work shall be procured by the contractor under his own arrangements. The reinforcement steel shall be of tested quality and shall comply with the requirements mentioned in the drawings, SSR and particular specifications hereinafter. The specification mentioned in the tender documents shall be read in conjunction with the provisions laid down in the SSR Part I section 10 of Steel and Iron work. The contractor shall submit test certificate from the manufacturers.

(ii) **TYPES OF STEEL**

(a) Structural steel shall be E-250 (Fe 410 W Quality A,B or C) or E-165 (Fe 290) conforming to IS 2002-2006, as specified in clause 10.4 of SSR Part I (2009)

(b) Reinforcement steel shall be high strength deformed steel bars produced by Thermo Mechanically Treated process. (TMT steel bars of grade of Fe-500D meeting all other requirements of IS 1786.

(c) Mild Steel: Mild steel shall be of Grade I conforming to IS- 432 (Part I 1982/89)

(iii) **SOURCE OF PROCUREMENT**

(a) Steel supplied by the contractor for incorporation in the work shall be procured from the stockyard of any of the following main producers or from their authorised conversion agents:-

- |   |                                       |
|---|---------------------------------------|
| a) Steel authority of India Ltd (SAIL).       | b) Rashtriya Ispat Nigam.             |
| c) Indian Iron & Steel Company (IISCO).       | d) Tata iron & Steel Company (TISCO). |
| e) M/s Kamachi Sponge & Power Corporation Ltd |                                       |

(iv) The particulars of the manufacturer/supplier of steel from whom the contractor intend to purchase for the work shall be intimated to the GE and obtain approval for every lot of steel separately. Individual size/item of non-structural steel as for guard bars, hold fasts, railing etc and the structural steel where the steel weighing less than 5 tonne which are required for the work as a whole shall however be procured locally with the prior approval of the Accepting officer. The documents such as original paid vouchers and test certificates in support of the purchase of steel shall be produced by the contractor to the GE for verification and record.

**4. WORKMANSHIP**

4.1. Workmanship shall be all as specified in MES Schedule conforming to Standard Engineering practice. All works shall be carried out in accordance with the specifications contained in MES Standard schedule of rates Part – I 2009.

**5. PLASTERING AND POINTING**

**5.1 General**

5.1.1 Surfaces to be plastered shall be prepared and well watered as specified in MES Schedule. Curing of plaster shall be properly done by means of stirrup pumps or similar devices. The contractor shall take every precaution right from the commencement of the plaster work to prevent any craziness that may appear on the surface of plaster and shall be responsible to make good any portion of plaster work which in the opinion of the Engineer-in-charge requires removal and redoing.

5.1.2 All internal plastered surfaces shall be trowelled to a even and smooth surfaces without using extra cement and external plastered surfaces shall be finished fair and even.

5.1.3 All external plastering shall be carried out upto 15cm below the top level of plinth protection.

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- 5.1.4 All corners, angle, junctions and edges shall be truly vertical or horizontal as the case may be and shall be carefully finished. Corners around jambs of openings and junction of walls shall be rounded to minimum radius of 5mm. 12mm wide groove at the junctions of all walls and RCC slabs column & beam to the entire thickness of wall plaster shall be provided.
- 5.1.5 Particular attention of the contractor is invited to take note of local practices and local availability of materials like bricks, stones, form work etc for any extra quantity of mortar required for rendering smooth, extra dubbing required, touching up properly and achieving smooth and even surfaces. This shall be deemed to have been included in the lumpsum.
- 5.1.6 Where dados/skirting are provided the internal plaster shall commence from the top of the dado /skirting

**6. CONCRETE FLOORING**

- 6.1 Floor finishes shall be provided in various rooms all as specified and shown on drawings
- 6.2 General provision contained in clause in 13.25,13.32,13.38 & 13.39 of MES schedule are to be adopted for laying floors and pavements unless otherwise specified elsewhere
- 6.3 Floors shall be laid to levels or to falls as shown on drawings and as directed by the Engineer-in-charge. Floor finish shall be extended over dwarf walls, doors and other openings
- 6.4 sinking of floors in kitchens, baths and WCs etc., where shown on drawings shall not be achieved by reducing RCC slab thickness
- 6.5 The floor levels of the bath, WC, kitchens, verandah, lobby, entrance etc shall be lower than the adjacent rooms as indicated in the drawings. In case not indicated the same shall be provided in floor all as specified in MES schedule.

**7. DOOR SHUTTERS (WOODEN)**

- 7.1 All wooden shutters for Doors required for the entire work shall be factory made shutter conforming to IS-1003 (Part I) as approved by GE/AGE(I) . The class of wood or species of wood as mentioned on Sch only shall be used for different doors/ windows/ventilators. Styles and rails shall be kiln seasoned and chemically treated (with ASCU pressure treated). The dimensions and overall sizes shall however be as shown on drawings. Factory made shutters shall be from any one of reputed manufactures as specified hereinafter and sample of shutters alongwith test certificates shall be produced to the GE/AGE(I) for inspection and approval. Sample shutters shall be got approved from the GE/AGE(I) before manufacturing the full quantity. For pricing of deviations involving panelled/glazed/gauzed door shutters shall be made at the rates contained in MES schedule for first/second class hard wood joinery as applicable for relevant item (irrespective of variation in dimensions of various member such a rails/styles or dividers) and as enhanced by contractor's quoted percentage.
- 7.2 Door shutters shall be fully panelled door shutter, fully glazed shutter, partly panelled or partly glazed, fully gauged shutter, flush shutters, fixed shutters etc as indicated for different type of door in relevant Sch A items and as directed by EIC. The door shutter shall be double leaf (equal/unequal) or single leaf as directed by EIC/ marked on drawing.
- 7.3 Factory made shutter shall be brought to site before application of primer and the shutter shall be got passed by the Engineer-in-Charge before application of primer.

**8. PVC DOORS / CHOWKATS**

- 8.1 PVC door shall be factory made PVC anodize doors. PVC door with PVC frame shall be provided at location wherever PVC doors are indicated in Sch 'A'. The size and dimensions shall be as shown in Sch 'A' and shutter shall be PVC moulded door 30mm thick of solid core single leaf fixed to frame all as shown in drawings. PVC door shall be procured from any one of the firms mentioned in the list of manufacturers here-after as approved by GE.

**PARTICULAR SPECIFICATION****9 NON SKID CERAMIC TILES / GLAZED CERAMIC TILES**

- 9.1 Non - skid Ceramic tiles shall conform to IS - 13712 of Grade BII(a) of superior quality and non - skid varieties. The tiles shall be flat true to shape, sound and free from flaws and other manufacturing defects. The size of tiles shall be as specified in Sch 'A'. Test requirement as per IS - 13712 shall be carried out and test result to be submitted before bulk procurement of material after issuing sample approval by the Accepting Officer.
- 9.2 Glazed ceramic tiles shall conform to IS - 777 - 1970 of superior quality of glossy finish varieties. The tiles shall be flat true to shape, sound and free from flaws and other manufacturing defects and shall as specified in clause No. 13.15 of SSR Part I of 2009. Test requirement as per IS - 777 shall be carried out and test result to be submitted before bulk procurement of materials after issuing sample approval by the Accepting Officer with following grade.
- (a) For Floor Tile - Grade B-II (a)
- (b) Skirting / dado - Grade B-III
- 9.3 Laying of screed bed, tile, jointing and finishing shall be as specified in clause No. 13.40.1 to 13.40.3 of SSR Part I of 2009 as applicable.
- 9.4 Laying of cement concrete floor shall be laid to level and as specified in clause No. 13.32 of SSR Part I of 2009.

**10. VITRIFIED TILES**

- 10.1 Vitrified tile shall be of 1<sup>st</sup> quality, the same shall be classified under group B1a of the international standard for ceramic tile ISO: 13006, the requirement detailed in SSR Part I Clause No 13.15
- 10.2 Vitrified tile shall be laid in accordance with the guide line mentioned in SSR Part I Clause No 13.41.2.

**11. GALVANISED MILD STEEL WIRE CLOTH**

- 11.1 Wire cloth shall comply with IS 1568 - 1970, Specification for wire cloth for general Purposes. Wire shall be of galvanised mild steel.
- 11.2 Wire cloth shall be regularly woven with a number of equally spaced parallel wires in both warp and weft directions to produce uniformly square meshes or openings. The wire cloth shall be properly selvaged by one or more wires in each edge.

**12. GALVALUME SHEET ROOFING/ PLAIN/ PATTERN**

- 12.1 The sheeting shall be 0.5mm thick TCT Zinc Aluminium coated steel of grade AZ150/ 550Mpa JMBS 88/200 and shall be as specified in clause 11.3 of MES Schedule Part I. The sheeting shall be of make M/s Kirby Building system PVT. Ltd / Tata Blue Scope / Llyoyd Insulations (India) Ltd / Colour Roof India / Multi colour steel (india) Pvt Ltd / Sathyam steel roof structure Ltd / Roofit / Jindal / Century wells roofing India (Pvt) Ltd or similar manufacturers of repute and experience to be approved by the accepting officer. The roof sheet shall be laid with end lap of 200mm and side lap as per the manufacturer instructions. The roof sheets coming at gable ends shall be round up below the flashing to prevent the reverse flow of water.
- 12.2 Cavities and gaps, if any at eaves end, ridges and gable end shall be sealed with polymer filled blocks and metallic flashings and capping of appropriate design.
- 12.3 Tapping screws of 5 x 40mm with metal washer and PVC gripper at 500mm c/c horizontally shall be used or as required as per the manufacturer's instructions.



**PARTICULAR SPECIFICATION**

**13.    GLAZING**

13.1    Sheet glass for glazing shall conform to IS 2835 - 1977. Sheet glass shall be flat, transparent and clean as judged by the naked eye. It may however, possess a light tint when viewed edge wise. It shall be free from any cracks and other defects tolerance on the thickness of glass of 3mm thick shall be plus or minus 0.2mm

**14.    GI TUBING**

- 14.1    Cutting GI pipes, taking up GI pipes including fittings specials etc dismantling & demolishing shall be without damaging the adjacent structures. Any damage caused shall be made good at no extra cost to Government.
- 14.2    GI tubing shall comply with IS-1239 (Part I) 1979 medium grade and GI fittings    shall comply with IS - 1239 (Part I I) 1982.

**15.    PVC (SWR) PIPES AND FITTINGS**

15.1    PVC (SWR) Pipes & Fittings shall conform to IS-7854(Part-I) 1987 type A”. PVC (SWR) fitting shall be used as per recommendations of the manufacturer of the pipes. PVC (SWR) pipes and fittings shall be strong, dimensionally stable and shall be free from defects. The pipes shall not be installed near hot water pipes or near any other heat    sources.    The pipes shall be supported properly. Laying and testing of PVC pipes shall be carried out as per Clause No. 18.67.7A of SSR Part I of 2009 as applicable.

**16.    DISMANTLING / DEMOLITION**

- 16.1    Dismantling work as specified in Schedule 'A' shall be carried out as per clause 21.1, 21.2,21.3.1,    21.3.4 and 21.5 of SSR Part I.
- 16.2    The contractor shall be responsible for the safe custody of dismantled materials till the same are handed over to Store Yard.
- 16.3    All dismantled items other than items covered in Schedule of credit shall be returned to store of AGE B/R (M) Wellington.

**17.    SUPPLEMENTARY RATES**

- 17.1    The supplementary rates given below shall be deemed to form part of tender documents for the purpose of contract.
- 17.2    The work executed under these items shall be priced and paid to the contractor at the supplementary rates given against each item **without addition of contractor's percentage**

SI No	Description of item	Unit	Rate
1	2	3	4
1	PVC 180mm dia Half round rain water gutter fixed with PVC clamps suitable for mangalore pattern tiles, all as specified as directed.	RM	580.00
2	Supply and fix Netlon (Good quality) for fly proofing (necessary beading will be measured in the appropriate item	SQM	150.00
3	S&F Stainless steel butt hinges 100mm long, medium weight	Each	80.00
4	S&F Stainless steel butt hinges 75mm long, medium weight	Each	70.00
5	S&F 30mm thick factory made HDF moulded paneled door shutter with 2 or 4 raised panel comprising of stiles and rails of sub treated second class hardwood as per manufacturers and HDF face (not less than 3mm thick) on both face with and including one shop coat of primer all as specified and directed. (Make M/s Durian/ M/s Asian/ M/s Rajshri Plastiwood Ltd.	SQM	2500.00

**PARTICULAR SPECIFICATION**

SI No	Description of item	Unit	Rate
6	S&F health faucet 15mm dia (jet spray) with flexible LDPE pipe with jet of 100mm long on one side and socket joint of 15mm dia on other end, nozzle of jet shall be chromium plated.	Each	500.00
7	S&F readymade PVC / Bakelite Toilet cabinet with openable shutter and mirror on front face size not less than 350mm x 450mm	Each	1200.00
8	S&F stainless steel plate rack of approved make and design all as directed, size not less than 800 x 900mm weight not less than 6.50KG	Each	4000.00
9	S&F 15mm dia chromium plated cast copper alloy, Angle cock, fancy type fixed in repairs	Each	550.00
10	S&F 15mm dia chromium plated cast copper alloy, two in one combination of bib tap and angle valve, fancy type, fixed in repairs	Each	600.00
11	S&F 9mm thick Gypsum board 600x600mm size for ceiling fixed as per manufacturer's instructions	SQM	325.00
12	Taking down Mild Steel door frames with shutter and all fittings complete	Each	500.00
13	M&L for False ceiling using GI snap grid system with roll-formed out of hot –dip galvanized steel capping (powder coated), main runner 38x24mm, cross Tee 29x24mm and wall angle 24x24mm members suspended with 4mm dia GI wire, carry maximum load up to 8.10 Kg/Sqm with 4mm thick designer ceiling board of any texture such as lake / hill/ oceanic / cascade/ Electra of M/s Everest ceiling grid system as per 'Regular T-2430' or equivalent make of M/s Ramco/ M/s Charminar / M/s Armstrong" complete all as specified and directed.	SQM	750.00
14	S&F PVC(SWR) pipe 150mm bore laid in trenches or in floors complete all as directed	RM	500.00
15	Taking down PVC pipes of any description size 15/20/25mm bore	RM	15.00
16	Taking down PVC pipes of any description size 75/110/150mm bore	RM	25.00
17	Taking down Aluminium doors/ windows/ partition of any description complete with fittings etc	SQM	100.00
18	S&F PVC lid/ cover for PVC OH tank of capacity 250 ltrs suitable for Sintex / Reno / Polycon etc.	Each	300.00
19	S&F PVC lid/ cover for PVC OH tank of capacity 500 ltrs suitable for Sintex / Reno / Polycon etc.	Each	350.00
20	S&F PVC lid/ cover for PVC OH tank of capacity 1000 ltrs suitable for Sintex / Reno / Polycon etc.	Each	450.00
21	S&F peg set of 5 of metal body chromium plated with PVC coated hooks, 1 <sup>st</sup> quality all as specified as directed.	Each	125.00

**18. LIST OF MANUFACTURERS**

- 18.1 Makes of products given in this table are expected to confirm to IS specification / bear ISI mark. The makes if given in BOQ shall take precedence over makes specified elsewhere in the tender documents. If makes/ manufacturer's name are not given in BOQ then the makes given in particular specification against respective item shall be followed. However, if make of any item is neither specified in BOQ nor in particular specification hereinbefore, than makes given below shall be followed. In case make of any item is not specified in any of the documents, mentioned hereinbefore then the makes specified in Zonal specification shall be incorporated in the work. Also materials shall be procured from any one of the manufacturer / make approved by HQ E-in-C's Br/ CESC Pune / ADG (P) Chennai if not specifically mentioned in BOQ / Particular Specification / Zonal Specification, on production of samples and getting the same approved from GE.

**PARTICULAR SPECIFICATION**

SI No	Description of item	Name of manufacturer
1	(a) Stone for masonry (b) Stone aggregate for RCC (c) Stone aggregate for PCC	Locally best available as approved by GE
2	Fine aggregate (sand) for cement concrete and mortar in masonry	Locally best available as approved by GE
3	Sand for mortar in plastering and pointing	Locally best available as approved by GE
4	Stone for soling, WBM and hard core	Locally best available as approved by GE
5	Stone for kerb/edging	Locally best available as approved by GE
6	Stone chipping for road work	Locally best available as approved by GE
7	Stone for stone sett flooring	Locally best available as approved by GE
<b><u>SECTION-4 CONCRETE</u></b>		
1.	Ready Mix Concrete (RMC)	LAFARGE/ ULTRA TECH/ ACC/ RMC READY MIX/ REMCO
1B	AAC Block	SIPOREX/ BIRLA AOROCON
<b><u>SECTION-5 : BRICK</u></b>		
1C	<b>BLANK</b>	
<b><u>SECTION-8 : JOINERY</u></b>		
2.	Factory made Wooden Shutter/Flush Doors/Frames	M/S GOEL BROTHERS, RAIPUR/ M/S PIONEER TIMBER, CHANDIGARH/ M/S GOYAL INDUSTRIES, NEW DELHI/ M/S JAIN DOCRS PVT LTD, HARYANA/ M/S INDIA WOOD & WOOD PDTS, MANGALORE
3.	Factory made PVC, FRP Shutters and Frames	M/S RAJSHRI PLASTIWOOD, INDORE/ M/S SINTEX INDUSTRIES LTD/ M/S ACCUCELL, M/S DURA PLAST EXTRUSION
3A	UPVC Doors, Windows and Ventilators	M/S POLY WINDOWS, PUNE / M/s APARNA PROFILE PVT LTD/ M/S MADHU INDUSTRIES/ M/S DURE PLAST EXTRUSION PVT LTD/ M/S SARVESH MULTI PLAST PVT LTD/ ASTRAPIA
4.	Steel Windows, Ventilators, Door Frames, Shutters	M/S NCL ALLTEK & SECCOLOR LTD, M/S MADY INDUSTRIES
5.	Aluminum section of shutters/frames for door/window/ventilator	HINDALCO/ INDAL (INDIAN AI COY)/ JINDAL/ ASSOCIATED PROFILE & ALUMINUM LTD/ AJIT INDIA
6.	Steel Roling Shutters/ Grills & Collapsible Gates	SHREE LAKSHMI ENGG WKS, BANGALORE/ M/S PRAKASH & CO. NEW DELHI/ M/S SENTHIL ROLLING SHUTTERS & ENGG CO, CHENNAI/ M/S SWASTIK ROLLING SHUTTERS, MUMBAI/ M/S JAYARAJ INDUSTRIES, CHENNAI
<b><u>SECTION-9 : BUILDER’S HARDWARE</u></b>		
7.	Hydraulic Door Closer	EVERITE/ UNIVERSAL/ PRABHAT DOOR KING/ PERFECT HYDRAULIC/ DYANA
7C	Aluminum Tower Bolt/Aldrops/Door handle/Butt Hinges	*ARGENT INDUSTRIES (ARGENT/DOORGLOW)
7D	Towel Rails	CROWN/ JINDAL/ ESSESS
7E	Mortise Locks	HARRISON/ GODREJ & BOYCE CO LTD
7F	Drapery Rod	VISTA LEVOLOR/ MAC-DÉCOR

PARTICULAR SPECIFICATION

Sl No	Description of item	Name of manufacturer
7G	Venetian Blinds	VISTA LEVOLOR/ AEROLUX
8.	Mangalore Tiles	CHARMINAR/ RAJA/ RECHO/ PRAJAPAT/ KERALA TILE WKS, TRISUR
8A	Non Asbestos fiore reinforced (Poly propylene) 6mm Cement Corrugated sheets	EVEREST INDUSTRIES LTD (EVEREST)
8E	Premoulded non bituminous joint filler board	ELCON/ DURON BOARD HD-100
8F	Premoulded bituminous joint filler board	STP LTD/ TIKITAR INDUSTRIES LTD/ SIKKA
8G	AC Sheets & Ridges	CHARMINAR/ EVEREST/ UP ASBESTOS/ RAMCO
8H	Water proofing Compound	PIDILITE INDUSTRIES LTD. TALOJA/ SUPER AQUACEM (INDIA) LTD/ FOSROC/ DR FIXIT
8J	APP Membrane	STP LTD/ TAXSA INDIA LTD/ IWL LTD/ TIKI TECH
SECTION-12 : CEILINGAND LININGS		
9.	Perforated particle Board/Tiles for insulation and acoustic	ANCHOR CEILING TILES/ ARM STRONG/ GYPBOARD/ BISON PANEL/ LAGYP
10.	Plywood	KITPLY/ CENTURY PLYWOOD/ ARCHIDPLY INDUSTRIES LTD/ GREEN PLY/ ANCHOR
11.	Particle Board Gypsum	MANGALAM TIMBER PRODUCT/ GYPSUM BOARD/ JOLLY BD, MUMBAI/ INDIAN GYPSUM PRODUCT/ ARMSTRONG WORLD INDUSTRIES
11A	Particle Board Cement Bonded	* NCL INDUSTRIES LTD (BISON PANEL)
12.	Laminated Sheets	FORMICA/ SUN GLOSS/ SUNMICA/ BACKIYTE HYIUM/ ECO BOARD
12D	Adhesives	PIDILITE/ FEVICOL/ VAMICOL
13.	Pre-laminated Particle board.	NOVAPAN/ ECO BOARD INDUSTRIES, PUNE/ KITPLY/ GREEN PLY/ ANCHORLAM
14.	Block boards and veneered particle board	BAJAJ BOARDS/ NUW WOOD/ A-1 BOARDS/ BHUTAN BOARD/ CHARMINAR
SECTION-12 : FLOOR FINISHES & PAVINGS		
15	Glazed Ceramic wall/Flooring tiles	JOHNSON TILES/ KAJARIA/ SOMANY/ OASIS / ORIENT/ AGL
16.	Nonskid Ceramic tiles	JOHNSON TILES/ KAJARIA/ SOMANY/ OASIS/ ORIENT/ AGL
17.	Vitrified Tiles	JOHNSON MARBONITE/ KAJARIA/ SOMANY
18.	Mosaic/Cement Flooring Tiles	M/S NITCO, MUMBAI/ M/S MEHATAB TILES, INDORE/ NATIONAL TILES/ BHARAT TILES AND ENGG COY, BANGALORE/ MODERN TILES AND MARBLES BANGALORE
19.	Acid Resistant Tiles	M/S JOHNSON, MUMBAI/ SOMANY/ KAJARIA/ M/S BURN STANDARD CO, JABALPUR/ M/S PURSHURAM POTTERY WKS, MARVI
20.	Cement Concrete Interlocking Paver Blocks/Tiles	MEHTAB TILES, INDORE/ M/S ULTRA TILES/ LC TILES/NAVYA TILES, JODHPUR
21.	PVC Sheet and tile flooring	KRISHNA VINYL TILES/ ARMSTRONG/ M/S MARBLEX TILES/ POLYFIN TILES/SQUARE FOOT
SECTION-15 : WHITE WASHING, COLOURING & DISTEMPERING		
23.	Distemper oil-emulsion (OBD)	NEROLAC/ SHALIMAR PAINTS/ JENSON & NICHOLSON/ ASIAN PAINTS
24.	Plastic Emulsion Paint	ASIAN PAINTS/ BERGER PAINTS/ NEROLAC/ SHALIMAR PAINTS

**PARTICULAR SPECIFICATION**

Sl No	Description of item	Name of manufacturer
25.	Cement Base Paint	SUPER SNOWCEM/ DURACEM/ AQUACEM/ SHALIMAR/ BERGER
26.	Cement Putty	BIRLA CEMENT/ JK WHITE/ GOLDEN MOHAR
27.	Sheet Glass plain	HINDUSTAN PILKINGTON GLASS WORKS/ SAINT GOBIN/ MODI FLOAT/ MODIGUARD
<b><u>SECTION-16 : GLAZING</u></b>		
28.	Sheet glass frosted	HINDUSTAN PILKINGTON GLASS WORKS/ SAINT GOBIN/ MODHI FLOAT/ MODIGUARD
29.	Heat absorbing glass and reflective solar control film	HINDUSTAN PILKINGTON GLASS WORKS/ SAINT GOBIN/ MODI FLOAT/ MODIGUARD
30.	Rough cast wired glass	HINDUSTAN PILKINGTON GLASS WORKS/ SAINT GOBIN/ MODI FLOAT/ MODIGUARD
31.	Oil Putty	GOLD MOHAR/ SHALIMAR HARDWARE/ M/S ATUL DYES AND CHEMICALS/ UK PAINT INDUSTRIES, GURGAON/ BURGER
32.	Mirror	MODI/ ATUL/ KOHINOOR/ SWASTIK/ SEINT GOBAIN
<b><u>SECTION-17 : PAINTING</u></b>		
33.	Synthetic Enamel Paint	ASIAN PAINTS/ NEROLAC PAINTS/ BERGER PAINTS/ SHALIMAR PAINTS/ DULUX
<b><u>SECTION-18 : WATER SUPPLY, PLUMBING, DRAIN &amp; SANITARY APPLIANCES</u></b>		
1.	CI Pipe and fittings	ELECTRO-STEEL/ KEJRIWAL/ NECO/ KESORAM
2.	GI Pipes & Fittings	TATA/ JINDAL/ ZENITH/ SWASTIK/ PRAKASH
3.	DI Pipes & Fittings	JINDAL LTD, GUJRAT/ ELECTROSTEEL CASTINGS LTD, W.B/ TATA METALIKES, KOLKATA/ SAW PIPES/SRI KALAHASTHI PIPES.
4.	MS Pipes & Fittings	TATA/ JINDAL/ ZENITH/ BST
5.	HDPE Poles & Fittings	FINOLEX/ PRINCE/ SUPREME/ JAIN IRRIGATION SYS
6.	CPVC Pipes and fittings (Chlorinated Polyvinyl chloride)	FINOLEX/ DUTRON/ SFMC/BIRLA ACORCON
7.	PVC-Soil, Waste, rainwater (SWR) & Drainage Pipes	SUPREME/ PRINCE/ KISAN/ FINOLEX/ INFRA/ BIRLA ACORCON
7A	PPR Pipes & Fittings	PRINCE/ FINOLEX/ SUPREME/KPT
7B	PVC Pipes & Fittings	PRINCE/ FINOLEX/ SUPREME
7C	UPVC Pipes and Fittings	PRINCE/ FINOLEX/ SUPREME/ BIRLA ACORCON/KPT
7D	UPVC Pipes & Fittings for SWR	PRINCE/ FINOLEX/ SUPREME
7E	Polyethylene/Aluminum/Polyethylene Composite Pressure Pipe	PRINCE/ FINOLEX/ SUPREME
7F	Plastic Pipe (for non-pressure Drainage & Sewarage)	PRINCE/ FINOLEX/ SUPREME
8.	CL-Soil, Waste, rainwater (SWR) & Drainage Pipes	NECO, NAGPUR/ KESORAM/ ELECTRO STEEL
9.	AC-Soil, Waste, rainwater (SWR) & Drainage pipes.	M/S EVEREST ASBESTOS HYDERABAD/ VISHAKHA IND LTD/ M/S HYDERABAD ASBESTOS CEMENT (CHARMINAR)/ M/S RAMCO
10.	RCC pipes, drain pipes	INDIAN HUME PIPES/ EVEREST/ HIMALAYA/ THULUVANANIKAL PIPES
11.	Air Release Valves	LEADER/ BIR/ KIRIOSKAR/ UPADHYAY/ SANT/ AUDCO/ L&T
12.	Foot Valves	UPADHYAY/ LEADER/ KIRLOSKAR/ SANT/ AUDCO/ NORMAX

**PARTICULAR SPECIFICATION**

<b>Sl No</b>	<b>Description of item</b>	<b>Name of manufacturer</b>
13.	Reflex Valves	KIRLOSKAR/ LEADER/ SANT/ NORMAX/ AUDCO/ L&T/ UPADHYAY
14.	Sluice Valves	LEADER/ KIRLOSKAR/ UPADHYAY/ L&T/ AUDCO/ BIR
15.	Butterfly Valves/Disc Valves	AUDCO/ UPADHYAY/ NORMAX/ L&T/ KIRLOSKAR
16.	Gate Valves	LEADER/ ZOLOTO/ GEM/ SEIKO/ SANT
17.	Water Meter	CAPSTAN/ DASHMESH/ KAYCEE/ CAPITAL/ ANAND ASAHI/ KIRLOSKAR
18.	PVC Water Tanks/Polyethylene	SINTEX/ POLYCON, JAIPUR/ ROTEX/ INFRA
19.	CP Bib Cook, Stop cock pillar cock and accessories	JAQUAR/ SOMA/ LEADER/ ZOLOTO
19A	Copper/Brass Alloy Bib Tap, Pillar Tap, Angle Valve & Stop Valves and accessories	SOMA/ LEADER/ ZOLOTO
20.	PVC Stop Cock and Bib Cock/float valves and accessories	JAYPEE/ GMP/ NETA/ ZOLOTA/ PRAYAG POLYMER/ SYMET
21.	Gun-Metal Globe/Gate Valves/ Angle Valves	LEADER/ BIR/ ZOLOTO/ KIRLOSKAR
22.	Shower Rose	JAQUAR/ KOHLER/ ESS-ESS/ SOMA/ CRABTREE
22A	CI/Brass Ball Cocks (Float Valves)	LEADER/ NETA/ ZOLOTO
23.	Water Closet-Vitreous China (European/ Indian)/ squatting pan Orissa pattern.	CERA/ M/S HINDUSTAN SANITARY WARE/ PARRYWARE/ JAQUAR/ HINDWARE/ JOHNSON/ SOMANY/ PRAYAG
24.	Flushing Cistern-PVC Low Level incl Flush Valves and Fittings for WC and Urinals	M/S HINDUSTAN SANITARY WARE/ PARRYWARE/ COMMANDER/ CERA/ M/S JOHNSON PEDDAR/ PRAYAG
25.	Plastic Seat Covers for EWC	COMMANDER/ CERA/ M/S HINDUSTAN SANITARY WARE/ NEYCER/ PARRYWARE / PRAYAG
26.	Urinals - Vitreous China	CERA/ M/S HINDUSTAN SANITARY WARE/ PARRYWARE/ NEYVELI CERAMICS (NEYCER)/ HINDWARE/ JAGUAR/ JOHNSON/ SOMANY/ PRAYAG
27.	Wash Basin – Vitreous China	CERA/ M/S HINDUSTAN SANITARY WARE/ PARRYWARE/ HINDWARE/ NEYVELI CERAMICS (NEYCER)/JAGUAR/ SOMANY/PRAYAG
28.	Sink Steel	DIAMOND/ NIRALI/ NEELKANT/SILVER SHINC
29.	Centrifugal/ Monoblock Pump	KIRLOSKAR/ BEACON/ CROMPTON GREAVES/ KSB/ MATHER & PLATT/ JYOTI
30.	Submersible Pump/Open well pumps	KIRLOSKAR/ KSB/ MATHER & PLATT/ JYOTI
31.	Vertical Turbine Pumps	KIRLOSKAR/ KSB/ MATHER & PLATT/ JYOTI
32.	Non Clog Sewage Submersible Pumps	KSB/ KIRLOSKAR/ MATHER & PLATT
33.	Pumps for Fire Fighting	KIRLOSKAR/ MATHER & PLATT/ CROMPTON/ BHARAT BIJLEE/ CROMPTON

**Signature of Contractor**  
**Dated :**

**AGE (Contracts)**  
**For Accepting Officer**

**MILITARY ENGINEER SERVICES****NOTICE OF TENDER**

1. A tender is invited for the work (See Appendix 'A').
2. The work is estimated to cost (See Appendix 'A').
3. This estimate however, is not a guarantee and is merely given as a rough guide and if the work costs more or less, a tenderer will have no claim on that account. The tender shall be based on (See Appendix)
4. The work is to be completed as per the period (See Appendix 'A' in accordance with phasing if any indicated in the tender) from the date of handing over the site which will be on or after as mentioned in Appendix 'A'.
5. Normally contractors whose names are borne on the MES approved list for the area in which the work lies and within whose financial category, the estimated amount would fall may tender but in case of term contracts in categories 'SS' to 'E' may tender.
6. Under no circumstances, will a father and his son (s) or other close relations who have business dealing with one another be allowed to tender for the same contract as separate competitors. Breach of this condition will render the tenders of both parties liable to rejection
7. The Garrison Engineer Wellington (Nilgiris) will be the Accepting Officer here-in-after referred to as such for the purpose of this contract.
8. (i) In the case of contractors whose name are on the MES approved list have not executed the standing security bond, the tender shall be accompanied by earnest money amounting to (See appendix) by a scheduled bank or in receipt treasury challan the amount being credited to the revenue deposits of the (see appendix)  
  
(ii) The GE will return the earnest money wherever applicable to all unsuccessful tenderers by endorsing an authority on the deposit receipt for item refund on production by tenderer a certificate of Accepting officer that bonafide tender (vide condition 16 below) was received and all documents returned.  
  
(iii) Copies of drawing, other documents pertaining to the work (signed for the purpose of identification by the Accepting officer or his accredited representative) and samples of materials and stores to be supplied by the contractor will be opened for inspection by the tenderer at the office of (see Appendix) during the working hours.
9. The tenderers are advised to visit the site by making prior appointment with the GE with in sufficient time.
10. Tender will be received by the Garrison Engineer Wellington, Nilgiris upto (see appendix)
11. Any tender which proposes any alteration to any condition laid down or which proposes, any other conditions of any description whatsoever is liable to be rejected.
12. The submission of a tender by a tenderer implies that he has read this notice and the conditions of contract and has made himself aware of the scope and specifications of work to be done and of the conditions and rates at which stores, tools and plant etc. will be issued to him and local conditions and other factors bearing on the execution of the work.

**NOTICE OF TENDER (CONTD...)**

13. The Accepting officer reserve his right to accept a tender submitted by a public sector undertaking, giving a price preference over other tenders which may be lower, as are admissible under the Government policy. No claim for any compensation or otherwise shall be admissible for such tenders whose tenders may be rejected on account of the said policy.
14. Tenderers must be in possession of copy of MES standard Schedule of Rates 2009 Part I and 2020 Part II including errata/amendments thereto.
15. The Accepting Officer does not bind himself to accept the lowest or any tender or to give any reasons for not doing so.
16. This notice of tender alongwith Appendix 'A' shall form part of the contract.

Signature of the contractor  
Dated

AGE (Contracts)  
for Accepting Officer