

Notice Inviting e-Tender

NIT No : 01/SHQ/TVM/CIVIL/NIT/2026-27

Name of work : **Provision of aluminum mess in ground floor balcony of officers' mess suits at SHQ BSF TVM.**

Estimated Cost : **Rs. 98,878/-**

Earnest Money : **Rs. 1,978/-**

Performance Guarantee : 5% of tendered amount

Security Deposit : 2.5% of tendered amount

Time Allowed : 30 Days

Certified that this NIT contains 56 pages marked as 1 to 55 (One to fifty five).

**Asstt Comdt (Works)
SHQ BSF Trivandrum**

I N D E X

NAME OF WORK :- Provision of aluminum mess in ground floor balcony of officers' mess suits at SHQ BSF TVM.

Sl. No.	DESCRIPTION	PAGE No.
1.	NOTICE INVITING TENDER	1
2.	INDEX	2
3.	WEBSITE NOTICE	3-4
4.	INFORMATION AND INSTRUCTION FOR BIDDERS	5
5.	NOTICE INVITING TENDER (FORM CPWD-6)	6-9
6.	PERCENTAGE RATE TENDER AND CONTRACT OF WORK (FORM CPWD-7)	10-12
7.	PERFORMA OF SCHEDULE	13-18
8.	INTEGRITY PACT	19-24
9.	GENERAL CONDITIONS	25-27
10.	ADDITIONAL CONDITIONS	28-29
11.	SPECIAL CONDITIONS	30-32
12.	SPECIAL CONDITIONS FOR CEMENT, STEEL & SAND	33-36
13.	GENERAL SPECIFICATIONS	37-38
14.	QUALITY ASSURANCE OF WORK	39-40
15.	PARTICULAR SPECIFICATIONS	41-44
16.	FORM OF BANK GUARANTEE BOND (ANNEXURE - "A" & "B")	45-46
17.	FORM OF WATER PROOFING GUARANTEE BOND (ANNEXURE- "C")	47
18.	LIST OF APPROVED MANUFACTURERS/SUPPLIERS (ANNEXURE- D)	48-51
19.	BRIEF PARTICULARS OF THE WORK	52
20.	CONDITION FOR PERFORMANCE GUARANTEE/AFFIDAVIT	53-54
21.	SCHEDULE OF QUANTITIES	55

Certified that this composite NIT amounting to **Rs. 98,878/- (Rupees Ninety eight thousand eight hundred seventy eight only)** only contains 56 pages marked 1 to 56.

**Asstt Comdt. (Works)
SHQ BSF Trivandrum**

NOTICE FORMING PART OF NIT AND TO BE POSTED ON WEBSITE

The **Assistant Commandant (Works)**, SHQ BSF Trivandrum Kerala, on behalf of the President of India, invites online **Percentage rate** e-tenders from approved and eligible contractors of CPWD and those of appropriate list of MES, Railways, BSNL, PHED and state PWD of Kerala for the under mentioned work :-

Sl. No.	Name of Work	Estimated Cost	Earnest Money	Time Allowed	Last date and time of submission of tender	Time & date of opening of tender
1	Provision of aluminum mess in ground floor balcony of officers' mess suits at SHQ BSF TVM.	Rs. 98,878/-	Rs. 1,978/-	30 Days	Up to 1600 Hrs on as per tender notice	from 1600 Hrs onwards as per tender notice
	NIT No. 01/SHQ/TVM/CIVIL/NIT/2026-27					

Enlistment of the contractors should be valid on the last date of submission of bids. In case only the last date of submission of bids is extended, the enlistment of contractor should be valid on the original date of submission of bids. Bid documents shall be considered valid only of those contractors who will upload the scanned copies of the following documents along-with bid (applicable for all bidders).

Tenders will be issued to eligible contractors provided they produce definite proof from the appropriate authority which shall be to the satisfaction of the competent authority, of having satisfactorily completed similar work of magnitude specified below:

“Three similar works each of value not less than 40% estimated cost each or two similar work of value not less than 60% of estimated cost each or one similar work of value not less than 80% of estimated cost each in last 7 years ending last day of the month previous to one in which tender are invited (CPWD enlisted as well as non CPWD contractor are required to submit eligibility documents for similar works experience (Scanned copy of work experience is to be uploaded).

The value of executed works shall be brought to current costing level by enhancing the actual value of work at simple rate of 7 % per annum, calculated from the date of completion to the last date of receipt of applications for tender.

- (1) Scanned Copy of receipt for deposition of original EMD issued from DDO / Engg Officer of any BSF Establishment (i.e. Command HQ / Frontier HQ / Sector HQ / Training Centre/ Bn HQ) submitted drawn in favour of **DIG, SHQ BSF Trivandrum, payable at Trivandrum Kerala**
- (2) Valid Contractor Registration Certificate of appropriate category.
- (3) GST Registration Certificate along with latest GST return.
- (4) PAN Card
- (5) Income Tax Return Certificate
- (6) Integrity pact as per NIT.
- (7) Work experience certificate for (Building Works)
- (8) Affidavit of Non Blacklisted from enlisted department by contractor.

Earnest Money of **Rs. 1,978/-** in the form of Treasury Challan or Demand Draft or Pay order or Banker's Cheque or Deposit at Call Receipt or Fixed Deposit Receipt (in favour of **DIG, SHQ BSF Trivandrum Kerala, payable at Trivandrum Kerala** payable at Trivandrum Kerala.

Earnest Money in the form of Insurance Surety Bonds, Account Payee Demand Draft, Fixed Deposit Receipt, Banker's Cheque or Bank Guarantee including e- Bank Guarantee from any of the Commercial Banks (**drawn in favour of respective HQ i.e. SDG / ADG / IG / DIG**) shall be scanned and uploaded on the e-Tendering website within the period of bid submission. The original EMD should be deposited alongwith prescribed format mentioned in Form-A of NIT to any of BSF DDO / Engg Officer i.e. **Command HQ / Frontier HQ / Sector HQ / Training Centre/ Bn HQ BSF** before last date & time of submission of bid. The EMD receiving authority (**DDO / Engg Officer**) of any BSF establishment

i.e. Command HQ / Frontier HQ / Sector HQ / Training Centre/ Bn HQ BSF shall examine EMD in original form and issue a receipt of deposition of earnest money deposit to the bidder in a prescribed format (**as per enclosed Form-A**) uploaded by tender inviting authority in the NIT. The authority receiving original EMD also intimates tender inviting authority about deposition of EMD by the agency. Further details can be seen at: <http://eprocure.gov.in/eprocure/app>

This receipt shall also be uploaded to the e-tendering website by the intending bidder up to the specified bid submission date and time.

Receipt of deposition of original EMD (Receipt No. / date) <hr/> 1. NAME OF WORK :- Provision of aluminum mess in ground floor balcony of officers' mess suits at SHQ BSF TVM. 2. NIT No. 01/SHQ/TVM/CIVIL/NIT/2026-27 3. Estimated Cost Rs. 98,878/- 4. Amount of Earnest Money Deposit Rs. 1,978/- 4. Last date of submission of bid upto 1600 Hrs (*To be filled by NIT approving authority/EE at the time of issue of NIT and uploaded along with NIT)
1. Name of contractor# 2. From of EMD# 3. Amount of Earnest Money Deposit# 4. Date of submission of EMD..... #
Signature, Name and Designation of EMD Receiving officer (EE//AE/ Along with Office stamp (# to be filled by EMD receiving EE)

A part of earnest money is acceptable in the form of Bank Guarantee also. In such case, minimum 50% of earnest money or Rs.20 lakh, whichever is less, shall have to be deposited in shape prescribed above, and balance may be deposited in shape of Bank Guarantee of any Scheduled Bank having validity for six months or more from the last date of **online receipt of bids** which is to be scanned and uploaded by the intending bidders.

Copy of Enlistment Order and other document as specified in the press notice shall be scanned and uploaded to the e-Tendering website within the period of bid submission. However, certified copy of all the scanned and uploaded documents as specified in press notice / CPWD-6 shall have to be submitted by the lowest bidder only within a week physically in the office of bid opening authority.

Online bid documents submitted by intending bidders shall be opened only of those bidders, whose original Earnest Money Deposit deposited with office of the Assistant Engineer, SHQ BSF Trivandrum and other documents scanned and uploaded are found in order.

The bid document consisting of plans, specifications, the schedule of quantities of various types of items to be executed and the set of terms and conditions of the contract to be complied with and other necessary documents can be seen in the office of Asstt. Comdt. (Works), SHQ BSF Trivandrum, between **11.00 AM to 4.00 PM from to** every day except on Saturday, Sunday & Public Holidays and from the website <http://eprocure.gov.in/eprocure/app>

**Asstt Comdt (Works)
SHQ BSF Trivandrum**

INFORMATION AND INSTRUCTION FOR BIDDERS

1. **Bids documents:** - The collection of Bid documents is dispensed away with as there is no physical supply of bid documents and to have absolute anonymity of the bidders participating in e-procurement solution. The bidders can view/download the bid documents, from the <http://eprocure.gov.in/eprocure/app>
2. **Submission of Bids:** The bidders who are desirous of participating in 'e' procurement shall submit their price bids in the standard formats prescribed in the bid documents, displayed at <http://eprocure.gov.in/eprocure/app>. The bidder should upload the scanned copies of all the relevant certificates, documents etc. in the <http://eprocure.gov.in/eprocure/app> in support of their price bids. The bidder shall sign on all the statements, documents, certificates, uploaded by him, owning responsibility for their correctness / authenticity.
3. **Price Bid Opening:** The Price Bids will be opened online by the concerned officer / officers at the specified date & time and the result will be displayed on the <http://eprocure.gov.in/eprocure/app>; which can be seen by all the bidders who participated in the bids.
4. **Processing of Bids:** The concerned officer/officers will evaluate and process the Bids as done in the conventional bids and will communicate the decision to the bidder online.
5. **Payment of performance Guarantee:** The bidder whose bid is accepted will be required to furnish performance guarantee of 5% (Five percent) of the tendered amount in addition to other deposits mentioned elsewhere in the contract for his proper performance of the contract. This guarantee shall be in the form of DD / Banker Cheque / pay order / FDR / guarantee bonds of any scheduled bank drawn in favour of **DIG, SHQ BSF Trivandrum Kerala, payable at Trivandrum Kerala.**
6. **Participation of Bidders at the time of opening of bids:** Bidders have two options to participate in tendering process at the time of opening of Bids:
 - (i) Bidders can come at the place of opening of bids (electronically) as done in the conventional tender process.
 - (ii) Bidders can visualize processing online.
9. **Participation Financial Rules for e-procurement:** The e-procure system would be applicable for purchase of goods, outsourcing of services and execution of work as prescribed in GFRs / CPWD manual.
10. **Signing of agreement:** After the award of the contract, an agreement will be signed as done in Conventional Bids.
11. **To download the General Condition of Contract 2023 (i.e. GCC-2023) following link may be followed:**
[www.cpwd.gov.in>download>GCC-2023](http://www.cpwd.gov.in/download/GCC-2023).

**Asstt Comdt (Works)
SHQ BSF Trivandrum**

C.P.W.D.-6

**Govt. of India
Border Security Force
Ministry of Home Affairs**

NOTICE INVITING TENDER

1. **Percentage rate** tenders are invited on behalf of the President of India from approved and eligible contractors of CPWD and those of appropriate list of MES, BSNL, Railways, PHED and state PWD Kerala for the work:- **Provision of aluminum mess in ground floor balcony of officers' mess suits at SHQ BSF TVM.**

1. The enlistment of the contractors should be valid on the last date of submission of bid. In case only the last date of submission of bid is extended, the enlistment of contractor should be valid on the original date of submission of bid.
- 1.1 The work is estimated to cost **Rs. 98,878/-** This estimate, however, is given merely as a rough guide.
- 1.1.1 If the authority competent to approve NIT for the combined cost and belonging to the major discipline will consolidate NIT's for calling the bids. He will also nominate Division which will deal with all matters relating to the invitation bids.
For composite bid, besides indicating the combined estimated cost put to bid, should clearly indicate the estimate cost of each component separately.
- 1.2 Bid documents shall be considered valid of only those contractors who will upload the scanned copies of the following documents along with their bids (applicable for all bidders).

Tenders will be issued to eligible contractors provided they produce definite proof from the appropriate authority which shall be to the satisfaction of the competent authority, of having satisfactorily completed similar work of magnitude specified below:

***“Three similar works each of value not less than 40% estimated cost each or two similar work of value not less than 60% of estimated cost each or one similar work of value not less than 80% of estimated cost each in last 7 years ending last day of the month previous to one in which tender are invited (CPWD enlisted as well as non CPWD contractor are required to submit eligibility documents for similar works experience (Scanned copy of work experience is to be uploaded).*”**

The value of executed works shall be brought to current costing level by enhancing the actual value of work at simple rate of 7 % per annum, calculated from the date of completion to the last date of receipt of applications for tender.

- (1) Scanned Copy of receipt for deposition of original EMD issued from DDO / **Engg Officer** of any BSF Establishment (i.e. Command HQ / Frontier HQ / Sector HQ / Training Centre/ Bn HQ) submitted drawn in favour of **DIG, SHQ BSF Trivandrum, payable at Trivandrum Kerala.**
- (2) Valid Contractor Registration Certificate of appropriate category.
- (3) GST Registration Certificate along with latest GST return.
- (4) PAN Card
- (5) Income Tax Return Certificate
- (6) Integrity pact as per NIT.
- (7) Work experience certificate for (Building Works)
- (8) Affidavit of Non Blacklisted from enlisted department by contractor.

Earnest Money in the form of Insurance Surety Bonds, Account Payee Demand Draft, Fixed Deposit Receipt, Banker's Cheque or Bank Guarantee including e- Bank Guarantee from any of the Commercial Banks (**drawn in favour of respective HQ i.e. SDG / ADG / IG / DIG**) shall be scanned and uploaded on the e-Tendering website within the period of bid submission. The original EMD should be deposited along with prescribed format mentioned in Form-A of NIT to any of BSF DDO / Engg Officer i.e. **Command HQ / Frontier HQ / Sector HQ / Training Centre/ Bn HQ BSF** before last date & time of submission of bid. The EMD receiving authority (**DDO / Engg Officer**) of any BSF establishment i.e. **Command HQ / Frontier HQ / Sector HQ / Training Centre/ Bn HQ BSF** shall examine EMD in original form and issue a receipt of deposition of earnest money deposit to the bidder in a prescribed format (**as per enclosed**

Form-A) uploaded by tender inviting authority in the NIT. The authority receiving original EMD also intimates tender inviting authority about deposition of EMD by the agency.

Certified copy of all the scanned and uploaded documents as specified in press notice/ CPWD-6 except soft copy of NIT in PDF shall have to be submitted by the lowest bidder only within a week physically in the office of tender opening authority. Certified Copies mean Photo Copies duly self-attested.

Online bid documents submitted by intending bidders shall be opened only of those tenderer, who have uploaded the scanned copies of the required documents and uploaded receipt of Earnest Money Deposit and if these documents are found in order.

2. **The bids can be uploaded on website up to 1600 Hrs on The bids will be opened on at 1600 HRs by the Board of officers of SHQ BSF Trivandrum.** The bid will be displayed on the website <http://eprocure.gov.in/eprocure/app>, which can be seen by all the contractors who participated in the Bids.
3. Agreement shall be drawn with the successful bidders on prescribed Form No. C.P.W.D-7 which is available as a Govt. of India Publication and also available on web site <http://eprocure.gov.in/eprocure/app>. The bidder shall quote his rates as per various terms and conditions of the said form, which will form part of the agreement.
4. The time allowed for carrying out the work will be **30 Days** from the date of start as defined in schedule 'F' or from the first date of handing over of the site, whichever is later, in accordance with the phasing, if any, indicated in the bid documents.
5.
 - i) The site for the work is available.
 - ii) The Architectural and Structural Drawings shall be made available in phased manner, as per requirement of the same as per approved program of completion submitted by the contractor after award of work.
6. The Bid documents consisting of plans, specifications, the schedule of quantities of the various type of item to be executed and the set of terms & conditions of contract to be complied with and other necessary documents, Standard General Condition of Contract Form can be seen on web site <http://eprocure.gov.in/eprocure/app> free of cost.
7. After submission of the bid the contractor can re-submit revised bid any number of times but before last time and date of submission of bid as notified.
8. While submitting the revised bid, contractor can revise the rate of one or more item (s) any number of times (he need not re-enter rate of all the items) but before last time and date of submission of bid as notified.
9. Earnest Money of **Rs. 1,978/-** in the form of Treasury Challan or Demand Draft or Pay order or Banker's Cheque or Deposit at Call Receipt or Fixed Deposit Receipt (drawn in favour of **DIG, SHQ BSF Trivandrum, payable at Trivandrum Kerala** of any Scheduled Bank. The EMD receiving authority of any BSF Establishment (i.e. Command HQ / Frontier HQ / Sector HQ / Training Centre/ Bn HQ) for deposition of original EMD shall issue a receipt in the prescribed format from DDO / **Engg Officer** of any BSF Establishment (i.e. Command HQ / Frontier HQ / Sector HQ / Training Centre/ Bn HQ). This receipt shall also be uploaded to the e-tendering website by the intending tenderer up to the specified tender submission date and time.

A part of earnest money is acceptable in the form of Bank Guarantee also. In such case, minimum 50% of earnest money or Rs. 20 lac, whichever is less, shall have to be deposited in shape prescribed above, and balance may be deposited in shape of Bank Guarantee of any Scheduled Bank having validity for six months or more from the last date of online receipt of bids which is to be scanned and uploaded by the intending bidders.

Copy of Enlistment Order and certificate of work experience and other document as specified in the press notice shall be scanned and uploaded to the e-Tendering website within the period of bid submission. However, certified copy of all the scanned and uploaded documents as specified in press notice / CPWD-6 shall have to be submitted by the lowest bidder only within a week physically in the office of tender opening authority.

Online bid documents submitted by intending bidders shall be opened only of those bidders, **whose original Earnest Money deposited with DIG, SHQ BSF Trivandrum, payable at Trivandrum Kerala** and other documents scanned and uploaded are found in order.
10. The bid submitted shall become invalid if:
 - (i) The bidder is found ineligible.

- (ii) The bidder does not deposit originally EMD in nearest any BSF Establishment (i.e. Command HQ / Frontier HQ / Sector HQ / Training Centre/ Bn HQ) (The EMD documents shall only be issued from the place in which the office of receiving office).
 - (iii) The bidder does not upload scanned copies of all the documents as stipulated in the bid document-
 - (iv) If any discrepancy is noticed between the documents as uploaded at the time of submission of bid and hard copies as submitted physically by the lowest bidder in the office of tender opening authority.
11. The contractor whose bid is accepted will be required to furnish performance guarantee of **5% (Five percent)** of the bid amount within the period specified in Schedule F. This guarantee shall be in the form of cash (in case guarantee amount is less than Rs.10, 000/-) or Deposit at Call receipt of any scheduled bank/Banker's cheque of any scheduled bank / Demand Draft of any scheduled bank/Pay Order of any scheduled bank (in case guarantee amount is less than Rs.1, 00,000/-) or Government Securities or Fixed Deposit Receipts or Guarantee Bonds of any Scheduled Bank or the State Bank of India in accordance with the prescribed form. In case the contractor fails to deposit the said performance guarantee within the period as indicated in Schedule 'F' including the extended period if any, the Earnest money deposited by the contractor shall be forfeited automatically without any notice to the contractor. The Earnest money deposited along with tender shall be returned after receiving the aforesaid performance guarantee.
 12. Intending Bidders are advised to inspect and examine the site and its surroundings and satisfy themselves before submitting their bids as to the nature of the ground and sub-soil (so far as is practicable), the form and nature of the site, the means of access to the site, the accommodation they may require and in general shall themselves obtain all necessary information as to risks, contingencies and other circumstances which may influence or affect their bid. A bidder shall be deemed to have full knowledge of the site whether he inspects it or not and no extra charge consequent on any misunderstanding or otherwise shall be allowed. The bidders shall be responsible for arranging and maintaining at his own cost all materials, tools & plants, water, electricity access, facilities for workers and all other services required for executing the work unless otherwise specifically provided for in the contract documents. Submission of a bid by a bidders implies that he has read this notice and all other contract documents and has made himself aware of the scope and specifications of the work to be done and of conditions and rates at which stores, tools and plant, etc. will be issued to him by the Government and local conditions and other factors having a bearing on the execution of the work.
 13. The competent authority on behalf of the President of India does not bind itself to accept the lowest or any other bid and reserves to itself the authority to reject any or all the bids received without the assignment of any reason. All bids in which any of the prescribed condition is not fulfilled or any condition including that of conditional rebate is put forth by the bidder shall be summarily rejected.
 14. Canvassing whether directly or indirectly, in connection with bidders is strictly prohibited and the bids submitted by the contractors who resort to canvassing will be liable to rejection.
 15. The competent authority on behalf of President of India reserves to himself the right of accepting the whole or any part of the tender and the bidders shall be bound to perform the same at the rate quoted.
 16. The contractor shall not be permitted to bid for works in the BSF (Division in case of contractors of Horticulture/Nursery category) responsible for award and execution of contracts, in which his near relative is posted a Divisional Accountant or as an officer in any capacity between the grades of Superintending Engineer and Junior Engineer (both inclusive). He shall also intimate the names of persons who are working with him in any capacity or are subsequently employed by him and who are near relatives to any gazette officer in the BSF. Any breach of this condition by the contractor would render him liable to be removed from the approved list of contractors of this Department.
 17. No Engineer of Gazetted Rank or other Gazetted Officer employed in Engineering or Administrative duties in an Engineering Department of the Government of India is allowed to work as a contractor for a period of one year after his retirement from Government service, without the previous permission of the Government of India in writing. This contract is liable to be cancelled if either the contractor or any of his employees is found any time to be such a

- person who had not obtained the permission of the Government of India as aforesaid before submission of the bid or engagement in the contractor's service.
18. The tender for the works shall remain open for acceptance for a period of **Seventy Five (75) days** from the last day of receipt of technical bid. Tenders are invited on 2 bid system. If any bidder withdraws his bid before the said period or issue of letter of acceptance, whichever is earlier, or makes any modifications in the terms and conditions of the bid which are not acceptable to the department, then the Government shall, without prejudice to any other right or remedy, be at liberty to forfeit 50% of the said earnest money as aforesaid. Further the bidder shall not be allowed to participate in the re-bidding process of the work.
 19. This Notice Inviting Tender shall form a part of the contract document. The successful bidders / contractor, on acceptance of his bid by the Accepting Authority, shall, within **15** days from the stipulated date of start of the work, sign the contract consisting of:-
 - (a) The Notice Inviting Tender, all the documents including additional conditions, specifications and drawings, if any, forming part of the tender as uploaded at the time of invitation of bid and the rates quoted online at the time of submission of bid and acceptance thereof together with any correspondence leading thereto.
 - (b) Standard CPWD/BSF **Form -7 (GCC for CPWD works 2023)** amendments up to date.
 20. The contractor shall quote his rates keeping in mind the specifications; terms & conditions, particular specifications, special conditions, all prevalent taxes etc. and nothing shall be payable extra whatsoever unless otherwise specified. If the bidders does not quote the rate for any item, leaving the space blank, whatsoever, it will be presumed that the bidders has loaded the cost of this / these item(s) on other item(s), and he will execute this /these items at zero cost, and the bid will be evaluated accordingly.
 21. In case of any difference / ambiguity between English & Hindi versions, English version shall prevail.
 22. The department shall deduct Income Tax on the value of work done from each bill of the contractor as per prevailing Government instructions / orders. In lieu, the department shall issue a certificate of deduction of the tax at source to the contractor, in relevant form.
 23. Engineer-in-Charge shall deduct TDS and GST as per prevailing Government instructions / orders from the total payment made to contractor in pursuance of this contract. This TDS shall also be deducted on advance payment to be adjusted in future bills and on the amount of cost escalation. The TDS certificate shall be issued by the Account Branch to the contractor in form GST within 28 days from the end of the month in which tax has been deducted.
 24. The department shall deduct labour CESS @1% on the value of work done from each bill of the contractor as per prevailing Government instructions/orders. In lieu, the department shall issue a certificate of deduction of the tax at source to the contractor, in relevant form.
 25. Those contractors not registered on the website mentioned above, are required to get registered beforehand. If needed they can be imparted training on online tendering process as per details available on the website. The intending bidder must have valid class-III **DIGITAL** signature to submit the bid.
 26. The contractor whose bid is accepted will also be required to furnish either copy of applicable licenses/registrations or proof of applying for obtaining labour licenses, registration with EPFO, ESIC and BOCW Welfare board including provident Fund Code No. if applicable and also ensure the compliance of aforesaid provisions by the sub-contractors, if any engaged by the contractor for the said work and program Chart (Time and progress) within the period specified in Schedule F.

**Asstt Comdt (Works)
SHQ BSF Trivandrum**

**GOVERNMENT OF INDIA
BORDER SECURITY FORCE
MINISTRY OF HOME AFFAIRS**

STATE :- Kerala
BRANCH: - Engg Branch

CIRCLE: - FHQ BSF New Delhi
DIVISION: - FTR HQ BSF Bangalore

PERCENTAGE RATE TENDER & CONTRACT FOR WORKS

1. Tender for the work:- **Provision of aluminum mess in ground floor balcony of officers' mess suits at SHQ BSF TVM.**
2. (i) To be submitted online by **1600 hours on** to **DIG SHQ Trivandrum, at web site: <http://eprocure.gov.in/eprocure/app>**
(ii) To be opened in presence of bidders who may be present *either at the place of opening of tenders (electronically) or can visualize to process online* at **1600 Hrs on** in **Engg Branch the office of DIG SHQ BSF Trivandrum.**

Released to website:

<http://eprocure.gov.in/eprocure/app> at Tender I.D. No..**01/SHQ/TVM/CIVIL/NIT/2026-27**

Signature of officer releasing the documents**

Designation : **AC (Works) SHQ BSF Trivandrum.**

Date of Release:**

TENDER

I / We have read and examined the notice inviting tender, schedule of quantities (Civil) applicable specifications, Drawings & Designs, General Rules and Directions, Conditions of Contract, Clauses of Contract, Special Conditions, Schedule of Rate & other documents and Rules referred to in the condition of contract and all other contents in the tender document for the work.

I / We hereby bid for the execution of the work specified for the President of India within the time specified in Schedule "F", viz., schedule of quantities and in accordance in all respects with the specifications, designs, drawings and instructions in writing referred to in Rule-1 of General Rules and Directions and in Clause-11 of the Conditions of contract and with such materials as are provided for, by, and in respects in accordance with, such conditions so far as applicable.

I / We agree to keep the bid open for **Forty five (45) days from** the last day of receipt of technical bid. In case of tender are invited 2 bid system and not to make any modifications in its terms and conditions.

*** To be filled at the time of upload the NIT on website*

Contractor Correction – Nil Deletion – Nil Insertion – Nil Overwriting – Nil AC (Works)

A sum of **Rs. 1,978/-** is hereby forwarded in the form of Treasury Challan or Demand Draft or Pay order or Banker's Cheque or Deposit at Call Receipt or Fixed Deposit Receipt of any Scheduled Bank drawn in favour of **DIG, SHQ BSF Trivandrum, payable at Trivandrum Kerala** in the shape of Bank Guarantee issued by a Scheduled Bank as earnest money. If I / We fail to furnish the prescribed performance guarantee within prescribed period, I/We agree that the said President of India or his successors in office shall, without prejudice to any other right or remedy, be at liberty to forfeit the said earnest money absolutely. Further, if I / We fail to commence the work as specified, I / We agree that President of India or his successors in office shall, without prejudice to any other right or remedy available in law, be at liberty to forfeit the said earnest money and the performance guarantee absolutely, otherwise the said earnest money shall be retained by him towards security deposit to execute all the works referred to in the tender documents upon the terms and conditions contained or referred to therein and to carry out such deviations as may be ordered, up to maximum of the percentage mentioned in Schedule "F" and those in excess of that limit at the rates to be determined in accordance with the provision contained in clause 12.2 and 12.3 of the tender form.

Further, I / we agree that in case of forfeiture of Earnest Money or both Earnest Money and Performance Guarantee as aforesaid, I/we shall be debarred for participation in the re-tendering process of the work.

I / We undertake and confirm that eligible similar work(s) has / have not been got executed through another contractor on back to back basis. Further that, if such a violation comes to the notice of Department, then I / we shall be debarred for tendering in BSF in future forever. Also, if such a violation comes to the notice of Department before date of start of work, the Engineer-in-Charge shall be free to forfeit the entire amount of Earnest Money Deposit/Performance Guarantee.

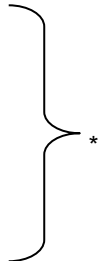
I/We hereby declare that I / We shall treat the tender documents, drawings and other records connected with the work as secret/confidential documents and shall not communicate information / derived there from to any person other than a person to whom I / We am / are authorized to communicate the same or use the information in any manner prejudicial to the safety of the state.

Dated*

Witness:

Address:

Occupation:



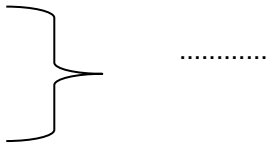
*
Signature of Contractor
Postal Address....*

.....* to be filled in by contractor

ACCEPTANCE

The above tender (as modified by you as provided in the letters mentioned hereunder) is accepted by me for and on behalf of the President of India for a sum of Rs.....
(Rupees.....).

The letters referred to below shall form part of this contract Agreement: -

- i)
 - ii)
 - iii)
- 

For & on behalf of the President of India

Signature.....

Dated

Designation:

**Asstt Comdt (Works),
SHQ BSF Trivandrum**

(** to be filled by AE)

PROFORMA OF SCHEDULES**SCHEDULE 'A'**Schedule of Quantities: - **Attached at Page 55****SCHEDULE 'B'**

Schedule of materials to be issued to the contractor.

Sl. No.	Description of Item	Quantity	Rates in figures & words at which the material will be charged to the contractor	Place of Issue
1	2	3	4	5
-----NIL-----				

SCHEDULE 'C'

Tools and Plants to be hired to the contractor

Sl. No.	Description	Hire charges per day	Place of issue
1	2	3	4
-----NIL-----			

SCHEDULE 'D'

Extra schedule for specific requirements / documents

for the work, if any :

Attached as General Conditions and Particular Specifications at Page 25-53**SCHEDULE 'E'**

Reference to General Conditions of Contract: -

}	General Conditions of Contract for CPWD Works-2023 as amended / modified up to last date of submission of bids (amendments available on CPWD web site)
---	---

NAME OF WORK : Provision of aluminum mess in ground floor balcony of officers' mess suits at SHQ BSF TVM..

Estimated cost of Work : **Rs. 98,878/-**
 Earnest Money : **Rs. 1,978/-**
 Performance Guarantee : **5% of tendered value of work.**
 Security Deposit : **2.5% of tendered value of work.**

SCHEDULE 'F'

General Rules & Directions :

Officer Inviting Tender : **Asstt Comdt (Works),
SHQ BSF Trivandrum**

Maximum percentage for quantity of items of work to be executed beyond which rates are to be determined in accordance with Clauses 12.2 & 12.3 :

See details under clause 12 of this NIT

Definitions:

2(v) Engineer-in-Charge : **Asstt Comdt (Works),
SHQ BSF Trivandrum**

2(viii) Accepting Authority : **Asstt Comdt (Works),
SHQ BSF Trivandrum**

2(x) Percentage on cost of materials and labour to cover all overheads and profits. : **15% (Fifteen percent)**

2(xi) Standard Schedule of Rates : **DSR-2023 (for-Civil works) with Correction slips issued up to the last date of submission of bid.**

2(xii) Department : **Border Security Force**

9(ii) Standard CPWD contract Form : **CPWD form-7 GCC-2023, as amended/modified up to last date of submission of bids (amendments available on CPWD web site)**

Clause 1

(i) Time allowed for submission of Performance Guarantee, Program Chart (Time and Progress) and applicable labour licenses, registration with EPFO, ESIC and BOCW Welfare Board or proof of applying thereof from the date of issue of letter of acceptance : **5 days**

(ii) Maximum allowable extension with late Fee @ 0.1% per day of performance guarantee amount beyond the period provided in (i) above : **3 days**

Clause 2

Authority for fixing compensation under clause 2. : **Comdt (Works) / SE,
FHQ BSF N/Delhi.**

Clause 2A

Whether clause 2 A shall be applicable : **Not Applicable**

Clause 5

Number of days from the date of issue of letter of acceptance for reckoning date of start : **10 days**

Mile stone / Bar chart(s) as per table given below:

TABLE OF MILE STONE (S)

S. No.	Description of Milestone (Physical)	Time Allowed in days (from date of start)	Amount to be with held in case of non achievement of mile stone
N/A			

Time allowed for execution of work : **30 Days**

Authority to decide:

- (i) Extension of time : **Asstt. Comdt. (Works),**
- (ii) Rescheduling of Milestones : **Asstt. Comdt. (Works),**
- (iii) Shifting of date of start in case of delay in handing over of site : **Asstt. Comdt. (Works),**

Clause 3 A

Not Applicable

Clause 6, 6A

Clause applicable (6 or 6A) : **6 (computerized measurement book)**

Clause 7

Gross work to be done together with net payment/adjustment of advances for material collected, if any, since the last such payment for being eligible to interim payment. : **1/6 of the tendered amount**

Clause 7A

: **No running bill shall be paid for the work till the applicable labor licenses, registration with EPFO, ESIC and BOCW welfare board, whatever applicable are submitted by the contractor to the engineer in charge.**

Whether clause 7A shall be applicable : **Yes**

Clause 10 A

List of testing equipment to be provided by the contractor at site lab : As per page 40- 41

Clause 10 B (ii), (iii)

Whether clause 10 B (ii), (iii) shall be applicable? : **Not Applicable**

Clause 10 C

Component of labour expressed as percent of value of work : **Not Applicable**

Clause 10CA : **No Applicable**

S. No.	Materials covered under this clause	Nearest material (other than cement, reinforcement bars and structural steel) for which All India Wholesale price index to be followed	Base price of all the materials covered under clause 10 CA
1	Cement	**	Not permitted
2	Steel Reinforcement bars	**	Not permitted
3	Structural steel	**	Not permitted
**	**	**	Not permitted
**	**	**	Not permitted

Clause 10CC : **Not Applicable**

Stipulated period of completion	10 (Ten) months
Schedule of component of other materials, Labour, POL etc. for price escalation component of civil (Except materials covered under Clause 10 CA) / Electrical construction Materials Expressed as percent of total value of work	
Construction a) Component of Material (Expressed in percentage of total value of work) b) Component of Labour (Expressed in percentage of total value of work) c) Component of P.O.L Expressed as percent total value of work :	XM = 40% (civil) & 75% (Electrical) works XL = 25% Not applicable N/A

Clause 11

Specifications to be followed for execution of work : **Civil works:**
CPWD Specifications 2019 vol. I & II with up to date correction slips issued up to the last date of submission of tender, general conditions, additional and particular specifications attached.

Clause 12

Type of Work : **Repair & maintenance of buildings**

12.2 & 12.3 Deviation limit beyond which clauses 12.2 & 12.3 shall apply for building work. : **30% for all works except foundation items.**

12.5 (i) Deviation Limit beyond which clauses 12.2. & 12.3 shall apply for foundation work. (except items mentioned in earth work sub head in DSR related items) : **30%**

(ii) Deviation limit for items mentioned on earth work subhead of DSR and : **100%**

- related items.
- Clause 16** Competent Authority for deciding reduced rates : **Commandant (Works) /SE FHQ BSF N/Delhi**
- Clause 18** List of mandatory machinery, tools & plants to be deployed by the contractor at site : As per Scope and requirement of work.
- Clause 19** The contractor shall obtain a valid license under the contract labour (R&A) Act, 1970: and the contract labour (Regulation & Abolition) Central Rules, 1971 before the Commencement of the work & continue to have a valid license until the completion of the work. The contractor shall also comply with provisions of the inter-state Migrant Workmen (Regulation of Employment and Conditions of Service) Act, 1979
- Clause 19 L** **The E.S.I. & E.P.F. Contribution on the part of employer in respect of this contract shall be paid by the contractor. These contributions on the part of employer paid by the contractor shall be included in the rates quoted by the contractor/bidder.**
- Clause 25**
Constitution of Dispute Redressal Committee (DRC)
- (A) For total claims more than Rs. 25 Lac : Chairman
1. IG(Works) , FHQ BSF New Delhi : Member
2. **DIG**(Works), FHQ BSF New Delhi : Member
3. Comdt.(Works), FHQ BSF New Delhi : **Superintending Engineer in charge of works / 2IC(Works) , ADG ANO Chhattisgarh shall present the case before DRC**
4. 2IC(Works), ADG ANO Chhattisgarh
- (B) For total claims up to Rs. 25 Lac : Chairman
1. IG(Works) , FHQ BSF New Delhi : Member
2. **DIG**(Works), FHQ BSF New Delhi : Member
3. Comdt.(Works), FHQ BSF New Delhi : Member
4. DC (Works), FTR HQ BSF Bangalore : **DC(Works) / Executive Engineer in-charge of works shall present the case before DRC**
- Place of Arbitration** : **Trivandrum**

Clause 36 (i)

Requirement of technical representative(s) and recovery rate(s).

Sl. No.	Minimum Qualification of Technical Representative	discipline	Designation(Principal Technical/ Technical Representative)	Minimum Experience	Number	Rate at which recovery shall be made from the contractor in the event of not fulfilling provision of clause 36 (i)	
						Figure (Rs.)	Words (Rs.)
1	N/A						

Clause 42

- i) (a) Schedule / statement for determining theoretical quantity of cement & bitumen on the basis of Delhi Schedule of Rates 2023 printed by CPWD : **DSR 2023 with up to date correction slips and as per nomenclature of item.**
- ii) Variations permissible on theoretical Quantities:-
- a) Cement : **2% Plus/Minus**
- b) Bitumen for: all work : **2.5% plus only and NIL on minus side**
- c) Steel : **2 % Plus/Minus after Wastage**
- c) All other materials : **NIL**

RECOVERY RATES FOR QUANTITIES BEYOND PERMISSIBLE VARIATION

S. No.	Description of Item	Rates in figures and words at which recovery shall be made from the contractor	
		Excess use beyond Permissible Variations	Less use up to the permissible variation of design mix
1	2	3	4
1	Cement (OPC)	Not Applicable	Not Applicable
2	Steel Reinforcement (Primary Manufacturer)	Not Applicable	Not Applicable

**AC (Works)
SHQ BSF Trivandrum**

INTEGRITY PACT

To,

.....
.....
.....

Sub: NIT No. 01/SHQ/TVM/CIVIL/NIT/2026-27 for the work: Provision of aluminum mess in ground floor balcony of officers' mess suits at SHQ BSF TVM..

Dear Sir,

It is here by declared that BSF is committed to follow the principle of transparency, equity and competitiveness in public department.

The subject Notice Inviting of Tender (NIT) is an invitation to offer made on the condition that the Bidder will sign the integrity Agreement, which is an integral part of tender/bid documents, failing which the tender/bidder will stand disqualified from the tendering process and the bid of the bidder would be summarily rejected.

This declaration shall form part and parcel of the Integrity Agreement and signing of the same shall be deemed as acceptance and signing of the Integrity Agreement on behalf of the BSF.

Yours faithfully,

**Asstt Comdt (Works)
SHQ BSF Trivandrum**

INTEGRITY PACT (Undertaking by Bidder)

To,

**Asstt Comdt (Works),
SHQ BSF Trivandrum.**

Sub: **Provision of aluminum mess in ground floor balcony of officers' mess suits at SHQ
BSF TVM..**

Dear Sir,

I / We acknowledge that BSF is committed to follow the principles thereof as enumerated in the Integrity Agreement enclosed with the tender/bid document.

I / We agree that the Notice Inviting Tender (NIT) us an invitation to offer made on the condition that I/We will sign the enclosed integrity Agreement, which is an integral part of tender documents, failing which I / We will stand disqualified from the tendering process. I / We acknowledge that THE MAKING OF THE BID SHALL BE REGARDED AS AN UNCONDITIONAL AND ABSOLUTE ACCEPTANCE of this condition of the NIT.

I / We confirm acceptance and compliance with the Integrity Agreement in letter and spirit and further agree that execution of the said Integrity Agreement shall be separate and distinct from the main contract, which will come into existence when tender/bid is finally accepted by BSF. I / We acknowledge and accept the duration of the Integrity Agreement.

I / We acknowledge that in the event of my / our failure to sign and accept the Integrity Agreement, while submitting the tender/bid, BSF shall have unqualified, absolute and unfettered right to disqualify the tenderer / bidder and reject the tender/bid in accordance with terms and conditions of the tender/bid.

Yours faithfully,

(Duly authorized signatory of the Bidder with stamp)

To be signed by the bidder and same signatory competent / authorized to sign the relevant contract on behalf of BSF.

INTEGRITY AGREEMENT

This Integrity Agreement is made at.....on this.....day of.....2025.

BETWEEN

President of India represented through the DC (Works)/Executive Engineer (Civil), FTR HQ BSF Bangalorehereinafter referred as the 'Principal / Owner', which expression shall unless repugnant to the meaning or context hereof include its successors and permitted assigns)

AND

.....
(Name and Address of the Individual / firm / Company)

Through..... (Hereinafter to as the
(Details of duly authorized signatory)

"Bidder / Contractor" and which expression shall unless repugnant to the meaning or context hereof include its successors and permitted assigns)

Preamble

WHEREAS the Principal / Owner has floated the Tender (NIT No.....) (hereinafter referred to as **"Tender / Bid"**) and intends to award, under laid down organizational procedure, contract for
(Name of work)

hereinafter referred to as the **"Contract"**.

AND WHEREAS the Principal / Owner values full compliance with all relevant laws of the land, rules, regulations, economic use of resources and of fairness / transparency in its relation with its Bidder(s) and Contractor (s).

AND WHEREAS to meet the purpose aforesaid both the parties have agreed to enter into this Integrity Agreement (hereinafter referred to as **"Integrity Pact"** or **"Pact"**), the terms and conditions of which shall also be read as integral part and parcel of the Tender / Bid documents and Contract between the parties.

NOW, therefore, in consideration of mutual covenants contained in this Pact, the parties hereby agree as follows and this Pact witness as under:

Article 1: Commitment of the Principal / Owner

- 1) The Principal / Owner commit itself to take all measures necessary to prevent corruption and to observe the following principles:
 - a) No employee of the Principal / Owner, personally or through any of his / her family members, will in connection with the Tender, or the execution of the Contract, demand, take a promise for or accept, for self or third person, any material or immaterial benefit which the person is not legally entitled to.
 - b) The Principal / Owner will, during the Tender process treat all bidder(s) with equity and reason. The Principal / Owner will, in particular, before and during the Tender process, provide to all Bidder(s) the same information and will not provide to any Bidder(s) could obtain an advantage in relation to the Tender process or the Contract execution.
 - c) The Principal / Owner shall endeavour to exclude from the Tender process any person, whose conduct in the past has been of biased nature.
- 2) If the Principal / Owner obtains information on the conduct of any of its employees which is a criminal offence under the Indian Penal code (IPC) / Prevention of Corruption Act, 1988 (PC Act) or is in violation suspicion in this regard, the Principal / Owner will inform the Chief Vigilance Officer and in addition can also initiate disciplinary actions as per its internal laid down policies and procedures.

Article 2: Commitment of the Bidder(s) / Contractor(s)

- 1) It is required that each Bidder / Contractor (including their respective officers, employees and agents) adhere to the highest ethical standards and report to the Government / Department all suspected acts of **fraud or corruption or Coercion or Collusion** of which it has knowledge or becomes aware, during the tendering process and throughout the negotiation or award of a contract.
- 2) The Bidder(s)/Contractor(s) commit(s) himself to take all measures necessary to prevent corruption. He commits himself to observe the following principles during his participation in the Tender process and during the Contract execution:
 - a) The Bidder(s) / Contractor(s) will not, directly or through any other person or firm, offer, promise or give to any of the Principal / Owner's employees involved in the Tender process or execution of the Contract or to any third person any material or other benefit which he / she is not legally entitled to, in order to obtain exchange any advantage of any kind whatsoever during the Tender process or during the execution of the Contract.
 - b) **The Bidder(s) / Contractor(s) will not enter with other Bidder(s) into any undisclosed agreement or understanding, whether formal or informal. This applies in particular to prices, specifications, certifications, subsidiary contracts, submission or non-submission of bids or any other actions to restrict competitiveness or to cartelize in the bidding process.**
 - c) The Bidder(S) / Contractor(s) will not commit any offence under the relevant IPC / PC Act. Further the Bidder(S) / Contractor(s) will not use improperly, (for the propose of completion or personal gain), or pass on to others, any information or documents provided by the Principal / Owner as part of the business details, including information contained or transmitted electronically.
 - d) **The Bidder(s) / Contractor(s) of foreign origin shall disclose the names and addresses of agents / representatives of India, if any. Similarly Bidder(s) / Contractor(s) of India Nationality shall disclose names and addresses of foreign agents / representatives, if any. Either the Indian agent on behalf of the foreign principal or the foreign principal directly could bid in a tender on behalf of one manufacturer along with the first manufacturer in a subsequent/parallel tender for the same item.**
- 3) The Bidder(s) / Contractor(s) will not instigate third persons to commit offences outlined above or be an accessory to such offences.
- 4) The Bidder(s) / Contractor(s) will not, directly or through any other person or firm indulge in fraudulent practice **means a willful misrepresentation or omission of facts or submission of fake / forged documents in order to induce public official to act in reliance thereof, with the purpose of obtaining unjust advantage by or causing damage to justify interest of other and/or to influence the procurement process to the detriment of the Government interest.**
- 5) The Bidder(s) / Contractor(s) will not, directly or through any other person or firm use Coercive Practices (means the act of obtaining something, compelling an action or influencing a decision through intimidation, threat or the use of force directly or indirectly, where potential or actual injury may befall upon a person, his/her reputation or property to influence their participation in the tendering process).

Article 3: Consequences of Breach

Without prejudice to any right that may be available to the Principal / Owner under law or the Contract or its established policies and laid down procedures, the Principal / Owner shall have the following rights in case of breach of this Integrity Pact by the Bidder(s) / Contractor(s) and the Bidder / Contractor accepts and undertakes to respect and uphold the Principal / Owner's absolute right.

- 1) If the Bidder(s) / Contractor(s), either before award or during execution of Contract has committed a transgression through a violation of Article 2 above or in any other form, such as to put his reliability or credibility in question, the Principal / Owner after giving 14 days notice to the contractor shall have powers to disqualify the Bidder(s) / Contractor(s) from the Tender process or terminate / determine the Contract, if already executed or exclude the Bidder / Contractor from future contract award processes. The imposition and duration of the exclusion will be determined

by the severity of transgression and determined by the Principal / Owner. **Such exclusion may be forever or for a limited period as decided by the Principal / Owner.**

- 2) **Forfeiture of EMD / Performance Guarantee / Security Deposit:** If the Principal / Owner has disqualified the Bidder(s) from the Tender process prior to the award of the Contract or terminated / determine the contract or has accrued the right to terminate / determine the contract according to Article 3(1), the Principal / Owner, may in its considered opinion forfeit the entire amount of Earnest Money Deposit, Performance Guarantee and Security Deposit of the Bidder / Contractor.
- 3) **Criminal Liability:** If the Principal / Owner obtains knowledge of conduct of a Bidder or Contractor, or of an employee or a representative or an associate of a Bidder or Contractor which constitutes corruption within the meaning of Indian Penal code IPC / Prevention of Corruption Act, or if the Principal / Owner has substantive suspicion in this regard, the Principal / Owner will inform the same law enforcing agencies for further investigation.

Article 4: Previous Transgression

- 1) The Bidder declares that no previous transgressions occurred in the last **7 years** with any other Company in any country confirming to the anticorruption approach or with Central Government or State Government or any other Central / State Public Sector Enterprises in India that could justify his exclusion from the tender process.
- 2) If the Bidder makes incorrect statement on this subject, he can be disqualified from the tender process or action can be taken for banning of business dealing / holiday listing of the Bidder / Contractor as deemed fit by the Principal / Owner.
- 3) If the Bidder / Contractor can prove that he has restored / recouped the damage caused by him and has installed a suitable corruption prevention system, the Principal / Owner may, at its own direction, revoke the exclusion prematurely.

Article 5: Equal Treatment of all Bidder(s) / Contractors / Subcontractors

- 1) The Bidder(s) / Contractor(s) undertake(s) to demand from all subcontractors a commitment in conformity with this Integrity Pact. The Bidder / Contractor shall be responsible for any violation(s) of the principles laid down in this agreement / Pact by any of its Sub-contractors /sub- vendors.
- 2) The Principal / Owner will enter into Pacts on identical terms as this one with all Bidder(s) and Contractors.
- 3) The Principal / Owner will disqualify Bidder(s), who do not submit, the duly signed Pact between the Principal / Owner and the bidder, along with the Tender or violate its provisions at any stage of the Tender process, from the Tender process.

Article 6- Duration of the Pact

This Pact begins when both the parties have legally signed it. It expires for the Contractor / Vendor 12 Months after the completion of work under the contract or till the continuation of defect liability period, whichever is more and for all other bidder(s), till the Contract has been awarded. If any claim is made / lodged during the time, the same shall be binding and continue to be valid despite the lapse of this Pacts as specified above, unless it is discharge / determined by the Competent Authority, BSF..

Article 7- Other Provisions

- 1) This Pact is subject to Indian Law, place of performance and jurisdiction is the Head Quarters of the Division of the Principal / Owner, who has floated the Tender.
- 2) Changes and supplements need to be made in writing. Side agreements have not been made.
- 3) If the Contractor is a partnership or a consortium, this Pact must be signed by all the partners or by one or more partner holding power of attorney signed by all partners and consortium members. In case of a Company, the Pact must be signed by a representative duly authorized by board resolution.

- 4) Should one or several provisions of this Pact turn out to be invalid; the remainder of this Pact remains valid. In this case, the parties will strive to come to an agreement to their original intentions.
- 5) It is agreed term and condition that any dispute or difference arising between the parties with regard to the terms of this Integrity Agreements / Pact, any action taken by the Owner / Principal in accordance with this **Integrity Agreement / Pact or interpretation thereof shall not be subject to arbitration.**

Article 8- LEGAL AND PRIOR RIGHTS

All rights and remedies of the parties hereto shall be in addition to all the other legal rights and remedies belonging to such parties under the Contract and / or law and the same shall be deemed to be cumulative and not alternative to such legal rights and remedies aforesaid. For the sake of brevity, both the Parties agree that this Integrity Pact will have precedence over the Tender / Contact documents with regard any of the provisions covered under this Integrity Pact.

IN WITNESS WHEREOF the parties have signed and executed this Integrity Pact at the place and date first above mentioned in the presence of following witnesses:

.....
(For and on behalf of Principal/Owner)

.....
(For and on behalf of Bidder/Contractor)

WITNESSES:

1.
(Signature, name and address)

2.
(Signature, name and address)

Place:

Date:

GENERAL CONDITIONS

1.0 GENERAL

- (i) The dismantle material / building rubbish received from dismantling / demolishing shall be dumped to the dumping ground in properly covered truck with precaution. Agency shall submit the hard copy of photograph showing the properly covered truck disposing the dismantled material / building rubbish. Failure of which shall be sternly dealt and a penalty @ Rs.5000/- per trip of truck shall be levied and the decision of Engineer-in-Charge shall be final & binding.
- (ii) Agency / contractor shall not dump the construction material on the metaled road and shall keep the construction material on the physically demarcated space by the Engineer-in-Charge.
- (iii) All the building material responsible for pollution shall be brought at site from sources covered by tarpaulin and shall take all precautionary measure to ensure that no dust particles are permitted to pollute the air quality, failure of which Agency shall be liable to pay damages as decided by Engineer-in-Charge. The decision of Engineer-in-Charge shall be final & binding.
- (iv) All the trucks or vehicles of any kind, which are used for construction purpose and/or are carrying construction materials like cement, sand and other allied material, shall be fully covered in the process of transporting the material.
- (v) The construction material of any kind that is stored in the site will be fully covered in all respects so that it does not disperse in the Air in any form.
- (vi) Every worker working on the construction site and involved in loading, unloading and carriage of construction material and construction debris shall be provided with mask to prevent inhalation of dust particles.
- (vii) Contractor should provide all medical help, investigation and treatment to the workers involved in the construction of building and carry of construction material and debris relating to dust emission.
- (viii) There shall be no burning of leaves, plastic etc at construction site.
- (ix) Contractor should ensure that directives of Hon'ble National Green Tribunal orders dated 04-12-2014 and 10.04.2015 in O.A. No. 21 of 2014 and O.A. No. 95 of 2014 and MoEF guidelines of 2010 regarding dealing with Air Pollution from construction and demolition sites.

2.0 Scope of work

- (i) The scope of work also includes Preliminary works like setting and maintenance of permanent bench marks reference points, central line of the carriageway etc. It shall also include making adjustment in the layout if required as per site conditions and as directed by the Engineer-in-Charge. The layout shall be got approved from the Engineer-in-charge before starting actual work. Existing levels of the area under the scope of work shall also be recorded.
- (ii) Clearing of site for construction of the work and all activities connected therewith before commencement of work to the satisfaction of the Engineer-in-Charge.
- (iii) All the exposed concrete surfaces shall have shutter or form liner finish (except for piles and lean concrete) and nothing shall be paid extra for the same.
- (iv) Maintenance of all works during construction till handing over to the Department.
- (v) Protection and maintenance of existing services.
- (vi) Provision for all safety measures for traffic, pedestrian, workmen, machinery etc. as considered necessary by the Engineer-in-charge.
- (vii) Identification of services like sewer lines, water supply lines, electric and telephone cables etc. well in advance of actual execution.
- (viii) In case of defective construction by the contractor or on account of any other reason attributable to the contractor if the consultants appointed by the department, submit additional claims for re-designing on account of additional input by them, due to such

reasons, the same shall also be borne by the contractor. The opinion of the Engineer-in-charge in these matters shall be final and binding.

- (ix) All ancillary and incidental facilities required for execution of the work i.e. labour camps, stores, offices for contractors, work shop facilities, watch and ward, temporary structure for plants and machinery, well equipped. site laboratory as mentioned in the tender; document, water storage structure, tube wells, electric / telephone installation and charges, liaison work, protection work during execution and not included in the main items, any other item / activity contained elsewhere in the tender documents which is necessary for execution of work in the opinion of the Engineer-in-Charge.
- (x) Pumping and bailing out water in suitable manner as directed by Engineer-in-Charge.
- (xi) It is also made clear that intending tenderer should visit the sites of work and physically assess the activities which are involved for completing the work, including the quantum of work besides the information supplied in the tender document. No claim whatsoever shall be entertained on this account.
- (xii) The construction agencies shall make arrangement for a regular fortnightly or other frequency as desired by Engineer-in-Charge for the documentation of the progress of work.
- (xiii) Activities related to setting of various items such as permanent bench-marks, reference points, central line of carriageway, layout of foundations and bearings etc. shall be performed by total station survey.
- (xiv) The contractor shall provide barricading along the length of road and suitable light shall be provided with barricading. Contractor shall not be paid anything extra for the barricading. In case the Agency fails to provide barricading as per direction of Engineer-in-charge, the same shall be provided by the department at his risk and cost.
- (xv) Services like water supply lines, sewer lines, storm water drains, electricity lines, telephone lines, over head and underground cables / structure, if any falling in the alignment of the work, (which are required to be removed or shifted in the opinion of the Engineer-in-Charge) shall be removed /shifted by the department if found necessary by the Engineer-in-charge. Time taken for its shifting, removal, diversion shall be accounted for towards according extension of times if it actually causes hindrance in execution as per the discretion of the Engineer-in-Charge. No claim for delay or otherwise due to above reasons shall be entertained on this account.
- (xvi) The contractor shall remove the malba on daily basis at his own cost and keep the carriageways & footpaths neat and clean during the execution of the work. In case the Agency fails to remove the malba, the same shall be removed by the department at his risk and cost.

3.0 SITE CONDITIONS

Site conditions given hereunder and elsewhere are given as guidelines and contractor shall satisfy himself regarding all aspects of site conditions and no claim will be entertained on the plea that the information supplied by the department is erroneous or insufficient.

3.1 Location

As mentioned in the name of work.

3.2 Climatic conditions

The climate in the region is extreme with three major seasons- winter, summer and rainy. The winter season lasts from November to February, summer season from March to May and rainy season from June to October. This is only for guidance and there may be variations.

3.3 Housing, water supply, Drainage and Electricity

No accommodation is available at the site of work. The contractor has to make his own arrangements for electric connection, housing, stores and filled offices, accommodations for his labour and other employees etc. Contractor should visit the site and see in what manner he is able to arrange the above. Arrangement of water for drinking purpose in addition to the water required for construction work is also to be made by the contractor. No other space shall be made available at work site except for temporary site office/ contractor's compound. However, onus will be on contractor to arrange the space on its own. No claim whatsoever will be entertained on this account.

3.3.1 It shall be deemed that the contractor has satisfied himself as to the nature and location of the work, general and local conditions and particularly those pertaining to transport, handling and storage of materials, availability of labour, weather conditions at site and general ground / sub soil conditions and the contractor has to estimate his cost accordingly.

3.3.2 The BSF will bear no responsibility for the lack of such knowledge and also the consequence thereof to the contractor. The information and site data shown in the drawings and mentioned herein and elsewhere in these tender documents are furnished for general information and guidance only. The Engineer-in-charge in no case shall be held responsible for the accuracy thereof or / and whatsoever, interpretations or conclusions drawn there from/ by the contractor and no claim shall be entertained whatsoever if the site conditions/ information is different or otherwise incorrect as it is presumed that the contractor has satisfied himself for all possible contingencies, situations, bottlenecks and acts of coordination which may be required between the different agencies.

3.3.3 In case of flooding of site on account of rain or any other cause, or any other damage whatsoever, no claim financially or otherwise shall be entertained, notwithstanding any other provisions elsewhere in the tender documents.

ADDITIONAL CONDITIONS

1. The work shall be carried out in such a manner so as not to interfere or affect or disturb other works, being executed by other agencies, if any.
2. Any damage done by the contractor to any existing work shall be made good by him his own cost.
3. The work shall be carried out in the manner complying in all respects with the requirement of relevant byelaws of the local bodies under the jurisdiction of which the work is to be executed and nothing extra shall be paid on this account.
4. The contractor shall make his own arrangement for obtaining electric connection(s) if required and make necessary payment directly to the department concerned. The department will however make all reasonable recommendations to the authority concerned in this regard.
5. The Contractor or his authorized representative should always be available at the site of work to take instructions from departmental officers and ensure proper execution of work. No work should be done in the absence of such authorized representative.
6. The structural and other drawings for the work shall at all times, be properly correlated before executing any work and no claim whatsoever shall be entertained in his respect.
7. The contractor shall maintain in good condition, all works executed till the completion of entire work allotted to the contractor.
8. Royalty at the prevalent rates and all other incidental expenditure shall have to be paid by the contractor on all the, metal shingle, earth sand, bajri etc. collected by him for the execution of the work direct to the concerned Revenue Authority of the State or Central Govt. His rates are deemed to include all such expenditure and nothing extra shall be paid.
9. The malba / garbage removed from the site shall be disposed off by the contractor at any suitable place as directed by the Engineer-in-Charge.
10. All work and materials brought and left upon the ground by the contractor or by his order for the purpose of forming part of the works, are to be considered to be the property of the President of India and the same are not to be removed or taken away by the contractor or any other person without special license and consent in writing of the Engineer-in-Charge, but the President of India is not to be in any way responsible for any loss or damage which may happen to or in respect of any such work or materials either by the same being lost or damaged by weather or otherwise.
11. The contractor should quote the rate in Schedule of Quantity in figures as well as in words. In case of discrepancy in the amount in figures and words the amount in words shall be taken as quoted amount. If he does not quote his rate for any item (s), leaving the space blank whatsoever, it will be presumed that he has loaded the cost of this / these items(s) on the other items and he will execute this / these item(s) at zero cost and the tender will be evaluated accordingly.

Special care should be taken to write the quoted rates in figures as well as in words, in such a way that interpolation is not possible. In case of figures the word 'Rs. ' should be written before the figures of rupees and words 'P' after the decimal figures e.g. Rs.6.45 'paise' and in case of words, the word 'Rupees' should precede and the words 'paise' should be written at the end, Unless the rate is in whole rupees and followed by the words "only" it should invariably be upto two decimal place. While quoting the rates in Schedule of Quantity the word 'only' should be written closely following the amount and it should not be written in the next line.

12. Unless otherwise provided in the schedule of quantities the rates, tendered by the contractor shall be all-inclusive and shall apply to all heights, depths, leads and lifts.
13. The contractor shall construct suitable godown at the contractor's compound for storing the materials safe against damage due to sun, rain dampness, fire, theft etc. He shall also employ necessary watch and ward establishment for the purpose and no extra claim whatsoever shall be entertained on this account.

14. Cement bags shall be stored in two separate godowns, one for tested cement and the other for fresh cement (under testing). These godowns shall be constructed by the contractor at his own cost as per sketch given in the general conditions of contract for CPWD works-2014 with weather proof roofs and walls. The size of the cement godown is indicated in the sketch for guidance only. The actual size of godown shall be as per site requirements and nothing extra shall be paid for the same. The decision of the Engineer-in-Charge regarding the capacity needed will be final. However, the capacity of each godown shall not be less than 200 tones. Each godown shall be provided with a single door with two locks. The keys of one lock shall remain with Engineer-in-Charge of the work and that of other lock with the authorized agent of the contractor at the site of work so that the cement is issued from godown accordingly to the daily requirement with the knowledge of both parties. The account of daily receipt and issue of cement shall be maintained in a register in the prescribed proforma and signed daily by the contractor or his authorized agent in token of its correctness.
15. Material shall be kept in joint custody of the contractor and the representative of the Engineer-in-charge. The empty containers shall not be removed from the site of work till the relevant item of work has been completed and permission obtained from the Engineer-in-Charge.
16. The area shall be kept dry when the work is in progress even below water table. Nothing extra shall be paid for removal of slush / sludge, bailing out water due to sub-soil condition, rains, spring etc.
17. If required the contractor shall have to work during nights also. He shall make the necessary arrangements for lights etc. for nights or even if lights are required due to any other reason. Nothing extra shall be paid on this account. The rates shall include the above elements.
18. The contractor shall have to make his own arrangement for housing facilities for staff and labour away from construction site and shall have to transport the labour to and from between construction site and labour camp at his own cost. No labour huts will be allowed to be constructed at the project site except a few temporary sheds for chowkidars and storekeepers. The decision about how many huts can be allowed for chowkidars and storekeepers at project site shall rest with the Engineer-in-Charge and the contractor shall have no claim on this account.
19. The temporary warning lamps shall be installed at all barricades during the hours of darkness and kept lit at all times during these hours.
Failure to comply with the requirements mentioned above shall be deemed to be breach of the contract on the part of the contractor for which the contractor shall be liable to action under relevant clauses / conditions of the agreement. The Engineer-in-Charge shall give notice to the contractor for such default and the contractor shall comply with the same within one day of such notice failing which the Engineer-in-Charge will get the barricading set right in accordance with above provisions at risk and cost of the contractor in addition to the compensation payable by the contractor for default.
20. Labour cess @ 1% (one percent) of the gross value of work done shall be deducted as per Building & other construction workers (RE&CS) Act 1996 (Main Act).

SPECIAL CONDITIONS

1. Before start of the work, the contractor shall submit the program of execution of work and get it approved from the Engineer-in-Charge and strictly adhere to the same for the timely completion of the project work.
2. The contractor shall have to make approaches to the site, if so required, and keep them in good condition for transportation of labour and materials as well as inspection of works by the Engineer-in-Charge. Nothing extra shall be paid on this account.
3. The contractor shall, at all times, carry out work on the running road in a manner creating minimum interference in the flow of traffic as per direction of Engineer-in-Charge.
4. All setting out activities concerning establishment of bench marks, theodolite stations, centre line pillars, etc. including all materials, tools, plants, equipments, theodolite and all other instruments, labour etc. required for performing all the functions necessary and ancillary thereto at the commencement of the work, during the progress of the work and till the completion of the work shall be carried out by the contractor. Nothing extra shall be paid on this account.
5. The contractor shall carry out true and proper setting out of the work under the supervision of the Engineer-in-Charge or his authorized representatives and shall be responsible for the correctness of the positions, levels, dimensions and alignments of all parts of the Road / culvert. If at any time, during the progress of the work, any error appears or arises in the position, level, dimensions or alignment of any part of the work, the contractor on being asked to do so by the Engineer-in-charge, shall rectify such error to the entire satisfaction of the Engineer-in-Charge. The supervision and / or checking by the Engineer-in-Charge or his authorised representatives shall not relieve the contractor of his responsibility for the correctness of any setting out of any line or level. The contractor shall carefully protect and preserve all bench marks, pegs and pillars provided for the setting out of works. Nothing extra shall be paid on this account.
6. All arrangements for traffic diversion during construction, including maintenance of diversion roads, shall be considered as incidental to the work and contractor's responsibility and nothing extra shall be payable to him in this respect. However, if any new diversion road is constructed by the contractor the same will be paid separately.
7. For completing the work in time, the contractor might be required to work in two or more shifts including night shifts and no claims whatsoever shall be entertained on this account, notwithstanding the fact that the contractor will have to pay to the labourers and other staff engaged directly or indirectly on the work according to the provisions of the labour regulation and the agreement entered upon and / or extra amount for any other reason.
8. All measurements of all items having financial value shall be entered by the contractor and compiled in the shape of the Computerized Measurement Book having pages of A-4 size as per the format of the department and shall be submitted online within prescribed time period of the execution of the road work along with copy of supporting photographs uploaded on the website.

Terms and conditions for releasing payment of final bill after receipt shall be as per clause 9 of the agreement.

9. The contractor shall take all necessary measures for the safety of traffic during construction and provide, erect and maintain such barricades including signs, markings, flags, lights and flagmen as necessary at either end of the excavation / embankment and at such intermediate points as directed by the Engineer-in-Charge for the proper identification of construction area. He shall be responsible for all damages and accidents caused due to negligence on his part.
10. Some restrictions may be imposed by the concerned authorities on quarrying of sand, stone etc. from certain areas. For timely completion of work, the contractor shall have to bring such material from other quarries located elsewhere, and nothing extra shall be payable on this account.
11. No payment shall be made to the contractor for damage caused by rain, flood and other natural calamities whatsoever during the execution of works and any damage to the work on this account shall have to be made good by the contractor at his own cost.

12. The tendered rates for all items of work, unless specified otherwise, shall include the cost of all operations, labour, materials, de-watering and other inputs involved in the execution of the items.
13. Unless otherwise specified in the Schedule of Quantities, the rates for all items of work shall be considered as inclusive of working in or under water and / or liquid mud and / or foul conditions including pumping or bailing out liquid mud or water accumulated in excavations during the progress of the work from springs, tidal or river seepage, rain, broken water mains or drains and seepage from subsoil aquifer.
14. Unless otherwise provided in the schedule of quantities, the rates tendered by the contractor shall be all inclusive and shall apply to all heights, depths, leads and lifts
15. No claim for idle establishment & labour, machinery & equipments, tools & plants and the like, for any reason whatsoever, shall be admissible during the execution of work as well as after its completion
16. Stacking of materials and excavated earth including its disposal shall be done as per the directions of the Engineer-in-Charge. Double handling of materials or excavated earth, if required, shall have to be done by the contractor at his own cost.
17. Contractor shall supply, free of charge, all the materials required for testing. All expenditure required for collection, preparation & forwarding the samples to the laboratory will be borne by the contractor. The testing charges shall be borne by the contractor / department in the manner described below:-
 - (i) By the contractor, if the test results show that the material does not conform to the relevant codes / specifications mentioned elsewhere in the tender document.
 - (ii) By the department, if the test results show that the material conforms to the relevant / codes / specifications mentioned elsewhere in the tender document.

The contractor or his authorised representative shall associate in collection, preparation, forwarding and testing of such samples. In case he or his authorised representative is not present or does not associate himself, the Engineer-in-Charge shall do the needful for getting the samples collected and tested; the result of such tests and consequences thereof shall be binding on the contractor. All expenditure required for collection, preparation & forwarding the samples to the laboratory will also be recovered from the contractor.
18. Other agencies working at site may also simultaneously execute the works entrusted to them and to facilitate their working, the contractor shall make necessary provisions e.g. holes, openings, etc. for laying / burying pipes, cables, conduits, clamps, hooks etc. as may be required from time to time.
19. Existing drains, pipes, cables, overhead wires, sewer lines, water line and similar services encountered in the course of the execution of the work shall be protected against the damage by the contractor. The contractor shall not store materials or otherwise occupy any part of the site in a manner likely to hinder the operation of such services.
20. The contractor will not have any claim in case of any delay on the part of department in removal of trees or shifting / removing of telegraph, telephone or electric lines (overhead or underground), water and sewer lines and other structure etc., if any which may come in the way of the work. However, suitable extension of time can be granted to cover such delay.
21. On account of security consideration, there could be some restrictions on the working hours, movement of vehicles for transportation of materials and location of labour camp. The contractor shall be bound to follow all such restrictions and adjust the program for execution of work accordingly. Nothing extra shall be paid on this account.
22. For the safety of all labour directly or indirectly employed in the work for the performance of the contractor's part of this agreement, the contractors shall, in addition to the provision of CPWD safety code and directions of the Engineer-in-Charge, make all arrangements to provide facility as per the provision of Indian Standard Specifications (Codes) listed below & nothing extra shall be paid on this account:

IS 3696 Part I	Safety Code for Scaffolds and ladders.
IS 3696 Part II	Safety Code for Scaffolds and ladders Part II ladders.
IS 3764	Safety Code for excavation work.
IS 4138	Safety Code for working in compressed air.

IS 7293	Safety Code for working with construction machinery.
IS 7969	Safety Code for storage and handling of building materials.
IS 4130	Safety Code for demolition of buildings

23. Nothing extra shall be paid for cartage of any material to the site of work.
24. The contractor must take adequate precaution to ensure that no spillage of construction material takes place on to the carriageway. Failure to observe this will make the contractor liable to pay compensation @ Rs.100/- (Rs. One Hundred Only) per day per metre length of each carriage way as affected by spill over of any construction material subject to a maximum of 5% (Five percent) of tendered cost of the work put to tender. The decision of Engineer-in-Charge in this regard shall be final and binding on the contractor.
25. The right of carry out the work either in conformity with or in a manner entirely different from the terms of this tender document that may be considered most suitable before or subsequent to the receipt of tenders due to exigencies of work, is reserved with the Engineer-in-Charge.
26. The execution of any items of work where any incidental work is actually required but not specifically stated in the tender, it is to be understood that the rate quoted by the contractor shall cover such charges also and nothing extra on account of such incidental charges, if any, shall be paid.
27. The contractor shall maintain in good condition all work till the completion of entire work allotted to him. From the commencement of the work to the completion of the same, the work is to be under the contractor's charge. The contractor is to be held responsible for and to make good all injuries, damages and repairs, caused by fire, rain, traffic, floods or other natural calamities and no payment shall be made to the contractor on this account. Engineer-in-Charge shall not be held responsible for any claims for injuries to persons / workmen or for structural damage to property happening from any neglect, default, want of proper care or misconduct on the part of the contractor or any other of his authorized representatives in his employment during the execution of the work. The compensation, if any, shall be paid directly to the department/authority / persons concerned, by the contractor at his own cost.
28. Engineer-in-Charge shall have full powers to send workmen and employ on the premises to execute fittings and other work not included in the contract. For whole operations the contractor is to afford every reasonable facility during ordinary working hours provided such operations are carried out in such a manner as not to impede the progress of work included in this contract, in the opinion of Engineer-in-Charge.
29. At the time of construction, contractor shall embed all electrical / other fixtures like base plates, brackets, conduits, etc. for street lighting, etc. as per the directions of the Engineer-in-Charge. Nothing extra whatsoever will be payable on this account.
30. The contractor shall provide and bear all expenses and charges for special or temporary service roads required by him in connections with access to the site (except for the purpose of diversion of traffic as directed by the Engineer-in-Charge), at no extra charges and his quoted rate shall deem to include the same. He shall alter, adopt or maintain the same as required from time to time or as directed by the Engineer-in-Charge. The department shall have right of way to this at all times and will not entitle the contractor to claim extra on this account.
31. **It must be ensured by the contractor that overall value of the works done do not exceed the agreement/sanctioned amount, as NO payment will be made above the agreement / sanctioned amount without prior written approval of the Engineer-in-Charge.**

SPECIAL CONDITIONS FOR CEMENT, STEEL & SAND

1. The contractor shall, at his own expense procure and provide all materials including cement and steel required for the work.
2. The contractor shall procure all the materials in advance so that there is sufficient time to testing and approving of the materials and clearance of the same before use in work.
3. All materials brought by the contractor for use in the work shall be got checked from the Engineer-In-Charge or his authorized representative of the work on receipt of the same at site before use.
4. The contractor shall also employ necessary watch and ward establishment for the safe custody of materials at his own cost. The contractor shall be fully responsible for the safe custody of materials brought by him/ issued to him even though the materials may be under double lock and key system.
5. Contractor has to produce manufacturers test certificate for each lot of cement & steel procured at site.
6. **CONDITIONS FOR CEMENT:-**
 - 6.1 The contractor shall procure 43 grade ordinary Portland Cement conforming to IS 8112/ Portland Pozzolana cement conforming to IS 1489 (Part-I), as required in the work, from reputed manufacturers of cement such as ACC, UltraTech, Birla Vikram, Shree Cement, Ambuja, Jaypee Cement, Century Cement & J.K. Cement, Top Cem, Taj, Star Cement, Max Cement, Valley Strong, Dalmia Cement, etc. or from any other reputed cement Manufacturer having a production capacity not less than one million tons per annum as approved by ADG for that sub region. The tenderers may also submit a list of names of cement manufacturers which they propose to use in the work. The tender accepting authority reserves right to accept or reject name(s) of cement manufacturer(s) which the tenderer proposes to use in the work. No change in the tendered rates will be accepted if the tender accepting authority does not accept the list of cement manufacturers, given by the tenderer, fully or partially. The supply of cement shall be taken in 50 kg bags bearing manufacturer's name and ISI marking. Samples of cement arranged by the contractor shall be taken by the Engineer-in-charge and got tested in accordance with provisions of relevant BIS codes. In case the test results indicate that the cement arranged by the contractor does not conform to the relevant BIS codes, the same shall stand rejected, and it shall be removed from the site by the contractor at his own cost within a week's time of written order from the Engineer- in-charge to do so.
 - 6.2 The cement shall be brought at site in bulk supply of approximately 50 tones or as decided by the Engineer- in- charge. The cement godown of the capacity to store a minimum of 2000 bags of cement shall be constructed by the contractor at site of work or which no extra payment shall be made.
 - 6.3 Double lock provision shall be made to the door of the cement godown. The keys of one lock shall remain with the Engineer-in-Charge or his authorized representative and the keys of the other lock shall remain with the contractor. The contractor shall be responsible for the watch and ward and safety of the cement godown. The contractor shall facilitate the inspection of the cement godown by the Engineer-in-Charge at any time.
 - 6.4 The cement shall be got tested by the Engineer-in-charge and shall be used on the work only after satisfactory test results have been received. The contractor shall supply free of charge the cement required for testing including its transportation cost to testing laboratories. The cost of tests shall be borne by the contractor/Department in the manner indicated below:
 - (a) By the contractor, if the results show that the cement does not conform to relevant BIS codes.
 - (b) By the Department, if the results show that the cement conforms to relevant BIS codes.
 - 6.5 The actual issue and consumption of cement on work shall be regulated and proper accounts maintained as provided in clause 10 of the contract. The theoretical consumption of cement shall be worked out as per procedure prescribed in clause 42 of the contract and shall be governed by conditions laid therein. In case the cement consumption is less than theoretical

consumption including permissible variation, recovery at the rate so prescribed shall be made. In case of excess consumption, no adjustment need to make.

- 6.6 The cement brought to the site and the cement remaining unused after completion of the work shall not be removed from site without the written permission of the Engineer-in-charge.
- 6.7 The damaged cement shall be removed from the site immediately by the contractor on receipt of a notice in writing from the Engineer-in-charge. If he does not do so within 3 days of receipt of such notice, the Engineer-in-charge shall get it removed at the cost of the contractor.
- 6.8 The cement in bags shall be stacked by the contractor in two godowns one for fresh arrival to be tested for quality and another already tested in use having weather proof roof and walls and on a proper floor consisting of two layers of dry bricks laid on well consolidated earth at a level at least 30 cm above the ground level. These stacks shall be in rows of two bags deep and 10 bags high with a minimum of 60 cm. clear space all round. The bags should be placed horizontally continuous in each line as per sketch given in **CPWD Specifications – 2019**. The sketch is only for guidance. Actual size / shape of godowns shall be as per site requirement. The decision of Engineer-in-Charge regarding the capacity needed will be final and nothing extra shall be paid on this account.
- 6.9 Cement register for the cement shall be maintained at site. The account of daily receipts and issue of cement shall be maintained in the register by the authorized representative of the Engineer-in-charge and signed daily by contractor or his authorized agent.
- 6.10 Cement, which is not used within 120 Days from its date of manufacture, shall be tested at laboratory approved by the CPWD/Govt. of Manipur/Assam. Until the results of such tests are found satisfactory, it shall not be used in any work.

PROFORMA FOR THE CEMENT REGISTER

PARTICULARS OF RECEIPT			PARTICULARS OF ISSUE			REMARK							
Date of receipt	Quantity received	Progressive Total	Date of issued	quantity issued	Item of work for which issued	Quantity returned at the end of the day	Total issued	Daily Balance in hand	Contractor's initials	J.E's initials	A.E's initials	E.E initials	Periodical Check
1	2	3	4	5	6	7	8	9	10	11	12	13	14

7. Special conditions for steel reinforcement bars

7.1 Only ISI marked TMT bars of various grades shall be procured from steel manufacturer as per the following guidelines:

- (1) The Steel Manufacturers such as SAIL, TATA steel Ltd, RINL, Jindal Steel & Power Ltd and JSW steel Ltd. or their authorized dealers having valid BIS license for IS: 1786-2008 (Amendment- 1 November 2012)
- (2) (a). The steel manufacturers or their authorized dealers (as per following selection criteria) having valid BIS license for IS:1786 -2008 (Amendment-1 November 2012).

The procured steel should have following qualities:

- i. Excellent ductility, bend ability and elongation of finished product due to possible refining technology.
- ii. Consumption of steel should be accurate as per design.

- iii. Steel should have no brittleness problem in finished product.
- iv. Steel should carry the quality of corrosion and earthquake resistance.
- v. Quality steel with achievement of proper level of sulphur and phosphorus as per IS:1786-2008.

7.2 The contractor shall have to obtain and furnish test certificates to the Engineer-in-charge in respect of all supplies of steel brought by him to the site of work.

7.3 Samples shall also be taken and got tested by the Engineer-in-Charge as per the provisions in this regard in relevant BIS codes. In case the test results indicate that the steel arranged by the contractor does not conform to the specifications, the same shall stand rejected, and it shall be removed from the site of work by the contractor at his cost within a week time or written orders from the Engineer-in-Charge to do so.

7.4 The steel reinforcement bars shall be brought to the site in bulk supply of 10 tonnes or more, or as decided by the Engineer-in-charge.

7.5 The steel reinforcement bars shall be stored by the contractor at site of work in such a way as to prevent their distortion and corrosion, and nothing extra shall be paid on this account. Bars of different sizes and lengths shall be stored separately to facilitate easy counting and checking.

7.6 For checking nominal mass, tensile strength, bend test, re-bend test etc. specimens of sufficient length shall be cut from each size of the bar at random, and at frequency not less than that specified below:

Size of bar	For consignment below 100 tonnes	For consignment above 100 tonnes
Under 10 mm dia bars	One sample for each 25 tonnes or part thereof	One sample for each 40 tonnes or part thereof
10 mm to 16 mm dia bars	One sample for each 35 tonnes or part thereof	One sample for each 45 tonnes or part thereof
Over 16 mm dia bars	One sample for each 45 tonnes or part thereof	One sample for each 50 tonnes or part thereof

7.7 The contractor shall supply free of charge the steel required for testing including its transportation to testing laboratories. The cost of tests shall be borne by the contractor.

7.8 The actual issue and consumption of steel on work shall be regulated and proper accounts maintained as provided in clause 10 of the contract. The theoretical consumption of steel shall be worked out as per procedure prescribed in clause 42 of the contract and shall be governed by conditions laid therein. In case the consumption is less than theoretical consumption including permissible variations recovery at the rate so prescribed shall be made. In case of excess consumption, no adjustment need to be made.

7.9 The steel brought to site and the steel remaining unused shall not be removed from site without the written permission of the Engineer-in-charge.

7.10 Contractor shall be permitted to use TMT reinforcement bars procured from ISP or secondary producers subject to rate of providing & laying TMT reinforcement bars as quoted by the contractor in the tender shall also be reduced by Rs. 6.00/- per kg. (This includes Contractor's Profit and Over Heads as applicable).

7.11 In case the contractor bring surplus quantity of steel the same after completion of the work will be removed from the site by the contractor at his own cost after approval of the Engineer-in- Charge.

7.12 The mild steel and medium tensile steel bars to be used shall conform to latest version of IS: 432 and cold twisted bars and TMT bars shall conform to the latest version of IS: 1786.

7.13 i) Reinforcement including authorized spacer bars and lappages shall be measured in length of different diameters as actually (not more than as specified in the drawings) used in the work nearest to a centimeter. Wastage and un-authorized overlaps shall not be measured.

ii) The standard sectional weights referred to as in Table 5.4 in para 5.3.4 in CPWD Specifications (Vol-I) 2009 for Cement Mortar, Cement Concrete and RCC Works will be considered for conversion of length of various sizes of M.S. Bars and T.M.T. bars into Standard Weight.

- iii) Records of actual Sectional weights shall also be kept dia-wise and lot-wise. The average sectional weight for each diameter shall be arrived at from samples from each lot of steel received at site. The decision of the Engineer-in-Charge shall be final for the procedure to be followed for determining the average sectional weight of each lot. Quantity of each diameter of steel received at site of work each day will constitute one single lot for the purpose. The weight of steel by conversion of length of various sizes of bars based on the actual weighted average sectional weight shall be termed as Derived Actual Weight.
- iv) a) If the Derived Weight as in sub-para (iii) above is lesser than the Standard Weight as in Sub-Para (ii) above then the Derived Actual Weight shall be taken for payment.

If the Derived Actual Weight is found more than the Standard Weight, the Standard Weight as worked out in sub-para (ii) above shall be taken for payment. In such case nothing extra shall be paid for the difference between the Derived Actual Weight and the standard Weight.

SPECIAL CONDITIONS FOR SAND

- 1 Coarse sand shall be either river sand or pit sand or crusher dust or a combination of the two. It shall be clean, sharp, angular and gritty to touch and composed of hard siliceous material and shall be brought from the quarry approved by Engineer-in-Charge. Its grading shall fall within the limits of grading zone I, II, III of 'Table 4: Fine aggregates' of IS – 383.
- 2 Fine Sand shall be either river or pit sand or a combination of the two. Its grading shall fall within the limits of grading Zone IV of 'Table 4: Fine aggregates' of IS – 383.

GENERAL SPECIFICATIONS

- 1 The work, in general, shall be executed as per the description of item, specifications attached, and CPWD Specifications 2009 Vol. I & II with correction slips up to the date of receipt of tender.
- 2 All the works unless otherwise specified hereinafter or permitted by Engineer-in-Charge shall be done in accordance with the latest editions of codes as on the date of receipt of tenders or any other specified code. In addition, relevant IS Codes (latest revision) and CPWD Specifications 2009 Vol. I & II with up to date correction slips shall also be applicable.

Any additional standard specifications or criteria published by the IRC/BIS or other foreign standard and in practice on the date of receipt of tenders shall also be taken into account. In the absence of any definite provisions on any particular issue in the above mentioned specifications, the design and construction shall be in conformity with the Sound Engineering Practice and in all such matters the decision of the Engineer-in-Charge shall be final and binding on the contractor and nothing shall be paid extra.

In case of any discrepancy or contradiction amongst the specified standards the following order of preferences shall generally prevail.

- i. Nomenclature of items in Schedule of Quantities.
- ii. Particular Specifications and additional /special conditions if any.
- iii. Drawings attached with the tender.
- iv. CPWD Specifications, 2009 Vol I & II with up to date correction slips.
- v. All relevant BIS, IBC Codes with the latest revisions.
- vi. Sound Engineering Practice as per directions of the Engineer- in-Charge.

If there are varying or conflicting provisions made in any document forming part of the contract, the Engineer-in-Charge shall be the deciding authority with regard to the Intention / interpretation of the document and his decision shall be binding without any reservations.

3. The contractor shall ensure quality control measures on different aspects of construction materials, workmanship and correct construction methodologies to be adopted. He shall have to submit quality assurance program within two weeks of the award of the work. The quality assurance program should include method statement for various items of work to be executed along with check lists to enforce quality control.
- 3.1 The contractor shall submit brand/make of various materials to be used for the approval of the Engineer-in-Charge along with samples and once approved, he shall stick to it.
- 3.2 The contractor shall submit shop drawings of staging and formwork arrangement etc. for the approval of Engineer-in-Charge. The contractor shall also submit bar bending schedule for approval of Engineer-in- Charge before execution.
- 3.3 The contractor shall get the water tested with regard to its suitability for use in the works and get written approval from the Engineer- in-Charge before he proceeds with the use of same for execution of works. If the tube well water is not suitable, the contractor shall arrange Municipal water at his own cost and nothing extra shall be paid to the contractor on this account. Water charges shall not be recovered in case arrangement of water is made at his own cost by the contractor.
- 3.4 Wherever any reference to any Indian Standard Specifications and other relevant codes occur in the documents relating to this contract same shall be inclusive of all amendments issued thereto or revision thereof, if any, up to date of receipt of the tender.
- 3.5 All the drawings shall at all times be properly correlated by the contractor before executing the work and no claim what so ever shall be entertained for failing to do so. In case of any

discrepancy in the specifications, schedule of quantity and drawings, the decision of the Engineer-in-charge shall be final, conclusive and binding on the contractor.

- 3.6 Rates for the items are inclusive of all labour, materials, T&P, incidental charges, contractors profit and overheads etc. unless, otherwise, specified. The contractors shall quote the rates accordingly).
- 3.7 The necessary tests shall be conducted in the lab of Gov. Engineering College or Any Govt. Labs / Labs accredited by NABL or any other accreditation body which operates in accordance with ISO/IEC 17011 and accredits labs as per ISO/IEC 17025 or CPWD or any other lab approved by the Engineer-in-charge. The sample of carrying out all or part of the tests shall be collected by the Engineer-in-charge or on behalf of officer-in-charge of the quality assurance wing of Central Design Organization, CPWD and his authorized subordinate for carrying out the independent quality assessment / control test and the results will be binding on the contractor. The contractor or his authorized representative shall associate in collection, preparation, forwarding and testing of such samples. In case he or his authorized representative is not present or does not associate himself, the result of such tests and consequences thereon shall be binding of the contractor.

QUALITY ASSURANCE OF THE WORK

1. The contractor shall ensure quality control measures on different aspects of construction including materials, workmanship and correct construction methodologies to be adopted. He shall have to submit quality assurance program within two weeks of the award of work. The quality assurance program should include method statement for various items of work to be executed along with check lists to enforce quality control.
2. The contractor shall get the source of all other materials, not specified elsewhere in the document, approved from the Engineer-in-Charge. The contractor shall stick to the approved source unless it is absolutely unavoidable. Any change shall be done with the prior approval of the Engineer-in-Charge for which tests etc. shall be done by the contractor at his own cost. Similarly, the contractor shall submit brand/ make of various materials not specified in the agreement, to be used for the approval of the Engineer-in-Charge along with samples and once approved, he shall stick to it.
3. The contractor shall submit shop drawings of staging and shuttering arrangement, aluminum work, and other works as desired by Engineer In Charge for his approval before execution. The contractor shall also submit bar bending schedule for approval of Engineer –in – charge before execution.
4. **Test Laboratories :**
A) Laboratory at site :

The contractor shall provide at site, the testing equipment and materials for the field tests mentioned in the list of mandatory tests given in CPWD specifications 2009 Vol. 1 & 2 at his own cost. Nothing extra shall be payable to him on this account. In all cases, cost of samples and to and fro carriage shall be borne by the contractor.

The representatives of the department shall be at liberty to inspect the testing facilities at site and conduct testing at random in consultation with Engineer in charge. The contractor shall provide all necessary facilities for the purpose. The laboratory shall be equipped, inter alia, with the following equipment:

- a) **Balances:**
 - i) 7 kg to 10 kg capacity, semi-self indicating type – Accuracy 10 gm.
 - ii) 500 gm capacity, semi-self indicating type Accuracy 1 gm.
 - iii) Pan Balance- 5 kg Capacity- Accuracy 10 gm.
- b) **Sieves:** as per IS: 460
 - i) IS Sieves – 450 mm internal dia of sizes 100 mm, 80 mm, 63 mm, 50 mm, 40 mm, 25 mm, 20 mm, 12.5 mm, 10 mm, 6.3 mm, 4.75 mm, complete with lid and pan.
 - ii) IS Sieves – 200 mm internal dia (brass frame) consisting of 2.36 mm, 1.18 mm, 500 microns, 425 microns, 300 microns, 212 microns, 150 microns, 90 microns, 75 microns with lid and pan.
- c) Sieve shaker capable of 200 mm and 300 mm dia sieves, manually operated with timing switch assembly.
- d) Equipment for slump test- slump cone, steel plate, taping rod, steel scale, scoop.
- e) Equipment for concrete testing i.e. 100 tones compression testing machine etc.
- f) Water Measuring Equipment

1	5ltr, 2ltr, 1ltr, ½ltr	1 No. /each
2	Measuring cylinder capacity 500ml, 250ml, 100ml.	1 No. /each
3	Beakers with capacity 500ml, 200ml, 50ml.	1 No. /each
- (g) Laboratory Tools

1	Hacksaw with 6 blades	1 No.
2	Measuring tape 2 mtr.	1 No.
3	Depth gauge 20cm.	1 No.
4	Vernier Calliper.	1 No.
5	Micrometer screw 25mm gauge	1 No.
- (h) Miscellaneous item

1	Showels & Spade.	1 No. /each
2	Plastic or GI Buckets 15 ltr., 10ltr & 5ltr.	3 Nos. /each
3	Wheel Barrow.	1 No.

Other instruments like Veneer Calipers, a good quality plumb bob, spirit level minimum 30cm long with 3 bubbles for horizontal vertical, wire gauge (circular type) disc, foot rule, long nylon thread, magnifying glass, screw driver 30 cms long, ball pin hammer 100 gm, plastic bags for taking samples etc.

All test which can be performed in the site lab with above equipments shall be done at site except that at least 10% testing of materials shall be got done from external laboratories. However, for the tests to be carried out by the external laboratories, the contractor shall supply free of charge all the materials required for testing, including transportation. The testing charges shall be borne by the Contractor / Department in the manner described in Para B-1 below.

B) Other Laboratories :

1. The contractor shall arrange carrying out of all tests required under the agreement through the laboratory as approved by the Engineer-in-Charge and shall bear all charges in connection therewith including fee for testing. The said cost of tests shall be borne by the contractor/department in the manner indicated below.
 - i) By the contractor, if the results show that the test does not conform to relevant CPWD Specifications / BIS code or specification mentioned elsewhere in the documents
 - ii) By the department, if the results conform to relevant CPWD Specifications / BIS code or specification mentioned elsewhere in the documents.
2. However, no testing charges will be payable by the contractor for the tests conducted in CPWD laboratories.
3. If the tests, which were to be conducted in the site laboratory are conducted in other laboratories for whatever the reasons, the cost of such tests shall be borne by the contractor.
- 4 Testing of the building material will be done in various laboratories as per the following priority.
 - 1) Any Govt. / State undertaking Lab
 - 2) Labs approved by NABL or CPWD or any other lab approved by the Engineer-in-charge.

C) Sampling of Materials:

1. Sample of building materials fittings and other articles required for execution of work shall be got approved from the Engineer-in-Charge. Articles manufactured by companies of repute and approved by the Engineer-in-Charge shall only be used. Articles bearing BIS certification mark shall be used in case the above are not available, the quality of samples brought by the contractor shall be judged by standards laid down in the relevant BIS specifications. All materials and articles brought by the contractor to the site for use shall conform to the samples approved by the Engineer-in-Charge which shall be preserved till the completion of the work.
2. The contractor shall ensure quality construction in a planned and time bound manner. Any sub-standard material/work beyond set out tolerance limit shall be summarily rejected by the Engineer-in-Charge.
3. BIS marked materials except otherwise specified shall be subjected to quality test at the discretion of the Engineer-in-Charge besides testing of other materials as per the specifications described for the item/materials. Wherever BIS marked materials are brought to the site of work, the contractor shall if required, by the Engineer-in-Charge furnish manufacturers test certificate or test certificate from approved testing laboratory to establish that the material produced by the contractor for incorporation in the work satisfies the provisions of BIS codes relevant to the material and/or the work done.
4. The contractor shall procure all the materials at least in advance so that there is sufficient time to testing and approving of the materials and clearance of the same before use in work.
5. All materials brought by the contractor for use in the work shall be got checked from the Engineer-in-Charge or his authorized representative of the work on receipt of the same at site before use.
6. The contractor shall be fully responsible for the safe custody of the materials issued to him even if the materials are in double lock and key system.

PARTICULAR SPECIFICATIONS

1.0 GENERAL

- 1.1 The work, in general shall be executed as per the description of item, drawings, particular specifications & special conditions attached, CPWD Specifications 2019 vol. I & II, relevant and IS Specifications with correction slips issued up to the date of receipt of tender. Where the aforesaid provisions and conditions are silent, relevant specialized literature and manufacturers' specifications shall be followed for the execution of work
- 1.2 In case of discrepancy between the schedule of quantities, the specifications and/or the drawings; the following order of precedence will be followed: -
- (i) Description of item in Schedule of Quantities
 - (ii) Particular specifications and special conditions.
 - (iii) Drawings.
 - (iv) CPWD specifications 2019 vol. I & II with correction slips issued up to the date of issue of tender.
 - (v) Indian Standard Specifications of B.I.S.
- 1.3 The necessary tests shall be conducted in the laboratory of CPWD, Any Govt. Lab. or any other laboratory approved by the Engineer-in-charge.
- 1.4 The contractor or his authorized representative shall associate in collection, preparation, forwarding and testing of such samples. In case he or his authorized representative is not present or does not associate himself, the result of such tests and consequences there upon shall be binding on the contractor.
- 1.5 All dismantled unserviceable material unless otherwise stated shall be the property and liability of the contractor who will take it away from the site of work and the rates quoted in tender document shall deemed to have included credit of rates for the same. The decision regarding unserviceability of material will rest, however with Engineer-in-Charge.

2. EARTH WORK

— Site Clearance

~~2.1 Road Side trees, shrubs, any other plants, pole lines, fences, signs, monuments, buildings, pipe lines, sewers, and all highway facilities within or adjacent to the highway which are not to be disturbed and shall be protected from injury or damage. The contractor shall provide and install at his own expenses, suitable safeguards as approved by the Engineer-in-Charge for this purpose.~~

~~2.2 Existing structure and services such as old buildings, culverts, fencing, water supply pipe lines, sewers, power cables, communication cables, drainage pipes etc. within or adjacent to the area if required to be diverted/ removed shall be diverted/ dismantled as per the direction of Engineer-in-Charge and payment for such diversion/dismantling works shall be made separately.~~

~~Before the earth work is started, the area coming under cutting and filling shall be cleared of shrubs, rank vegetation, grass, brush wood, trees and saplings of girth upto 30cm measured at a height of one meter above ground level and rubbish removed upto a distance of 50 meters outside the periphery of the area under clearance. The roots of trees and saplings shall be removed to a depth of 60cm below ground level, or 30cm below formation level or 15cm below sub grade level whichever is lower and the holes or hollows filled up with earth, rammed & levelled.~~

~~The trees of girth above 30 cm measured at a height of one metre above ground shall be cut only after permission of the Engineer-in-Charge is obtained in writing. The roots of trees shall also be removed as specified in 3.1.3. Payment for cutting such trees and removing the roots shall be made separately.~~

— Disposal of excavated earth:-

~~The surplus excavated earth shall be disposed off at the specified location is as decided by Engineer-in-Charge. The tenderer may inspect the actual location of the site for disposal of surplus earth so as to acquaint himself with the route and distance for the cartage. The contractor has to take written permission about place of disposal of earth before the earth is disposed off, from Engineer-in-Charge.~~

3.0 R.C.C. WORK**3.1 CENTRING AND SHUTTERING**

- 3.1.1 The contractor shall use steel centring and shuttering of best quality so as to ensure that no rendering or smooth finishing is required to be done to concrete surface in any location. Wherever joint marks are observed in concrete surface, they shall be rubbed / ground smooth. In case, concrete surface is found to be not upto mark, contractor would be asked to render the same smooth or otherwise dismantle the same and re-do. No payment shall be made for such smooth finishing / rectification / re-doing.
- 3.1.2 The centring & shuttering for RCC work shall be with M.S. pipes and trusses & plates, such as "Acrow" or equivalent. No Timber centring material shall be permitted for the work. The shuttering plates for raft, RCC wall, slabs etc. shall be made with M.S. plates only. No timber & plywood shuttering is to be used for work.

4.0 FORM WORK:-

- The form work shall include all temporary or permanent forms required for forming the concrete of the shape, dimensions and surface finish as shown in the drawings or as directed by the Engineer-in-Charge together with all proper staging, centring, scaffolding and temporary construction required for their support. The design, erection and removal of form work shall conform to IRC-87 and MORTH Specifications (4th Revision) 2001 Para 1502 to 1513. The cost of form work is considered to be included in the relevant item of PCC/RCC unless otherwise specified.
- 4.1 The contractor shall arrange shuttering/staging/scaffolding for the above mentioned work so as to complete the same in stipulated time. The contractor shall furnish details of shuttering/staging, etc. (type and quantum) which he shall comply with all provisions of tender documents mentioned elsewhere in tender documents and all said materials/components shall comply with the guide-lines for design of the shuttering/staging, etc. in accordance with all necessary loads, pressure, stresses. The program of work shall be submitted by the contractor before start of the work. It shall have specific reference to the quantum of shuttering/staging, etc to be deployed by him. In furnishing such details, the contractor shall specify the type and quantum of such items available with him and type and quantum of such items to be arranged by him for the above mentioned work separately.
- 4.2 The detailed program of construction shall have specific relevance to the shuttering/staging materials to be deployed. The contractor is to submit such detailed program of work, with regard to all activities of the erection of staging, shuttering and form work, concreting of foundation, walls, slab (as the case may be), pre-casting, release of shuttering, etc. thereby to arrive at time required to complete one cycle of casting of a foundation, walls, slab of subway and the total shuttering /staging material to complete all items of the work in a stipulated period of time.
- 4.3 The contractor is expected to have a work shop facility available at site for fabrication /additions and alterations to the shuttering. It may please be indicated as to whether the work shop facilities shall be provided in house or is proposed to be sub-contracted locally. In both cases contractor is to give the details and number of equipment to be installed in the work shop for above.
- 4.4 Double steel scaffolding having two sets of vertical supports shall be provided for external wall finish, cladding etc. The supports shall be sound, strong and tied together with horizontal members over which scaffolding platform shall be fixed.
- 4.5 The concrete surface shall be free from honey combing, offsets, superfluous mortar, cement slurry and foreign matter. The form work shall be assembled in such a way as to facilitate removal of their parts in proper sequence without any damage to the exposed cement concrete surfaces and corners etc. Such surfaces shall not be rendered or plastered or painted with cement or otherwise. The contractor shall keep skilled staff for special care and supervision to check the form work and concreting so that every member is made true to its size, shape, level and alignment so that it does not result in any deformation, snag, bulges etc. The contractor shall also take suitable precautionary measures to prevent breaking and chipping of corners and edges of completed work until the structure is handed over.

13.0 STEEL WORK:

- i. The steel doors, windows, ventilators and composite units shall be got fabricated in Work shop approved by the Chief Engineer concerned.
- ii. The M.S. plate clamps 15x6mm thick for holding arrangements are to be provided and added as per site conditions. The rate is inclusive of the cost of such clamps.
- iii. All welded steel work shall be tested for quality of weld as laid down in IS: 822:1970 before actual erection, unless otherwise specified in the nomenclature of the item.
- iv. In the MS Tee/angle iron frames for doors, four numbers S S hinges for each door shutters and one no. 50mm MS hinge for wooden cleat wherever necessary, the cost of which are deemed to include in the rate of the item, shall have to be provided.

15.0 VARIATION IN CONSUMPTION OF MATERIALS

- i. The variation in consumption of material shall be governed as per CPWD specification 2009 Vol. I & II with correction slips up to date and clauses of the contract to the extent applicable. The following specific clauses shall govern the variation in consumption of pig lead.
- ii. The pig lead for caulking of joints of SCI pipes shall be issued as per theoretical consumption for SCI pipes of size 100mm, 75mm, 50mm at 0.98kg, 0.88kg, and 0.77 kg. per joint respectively. Over and above the theoretical quantities of lead as worked out, variation of 5% shall be allowed for wastage etc. Any difference between the actual consumption of pig lead and theoretical consumption worked out on the above basis including the authorized variation shall be recovered at rates in schedule 'B' plus 10% in case material issued by department. Where the pig lead is arranged by the contractor, in case variation is on higher side 5% will be allowed. In case the variation is on lower side, the quantity of pig lead used less shall be recovered from the contractor at market rate to be determined by Engineer-in-Charge whose decision in the matter will be final.
- iii. The theoretical quantity of cement to be utilized in item of concrete involving use of single aggregate and mixed by volume batching shall be computed on the basis of the co-efficient for cement to be used in different items of the work provided in DSR2014 with correction slips upto reducing each of the co-efficient by 5%. However, where the concrete is mixed by weight batching no such reduction shall be made from theoretical co-efficient given in DSR2014 with correction slips upto 23.04.2015 for concrete with crushed stone aggregate.

23.0 Defect liability:

23.1 The contractor's liability for rectification of defects which in the opinion of Engineer-in-charge are not due to natural calamity during the defect liability period from the final date of completion as per clause 17 shall be limited to rectification of defects including replacement as follows.

S. No.	Description	Defect Liability
1	Concrete	Rectification of structural / superficial / non-structural cracks. Rectification of dampness / seepage in roof slab / junctions & sunken portion, through RCC slab, walls, base slab, junction of RCC walls with base slab and construction joints of RCC water tanks,. Rectification of cracks in beam, slab, column, lintels etc.
2	Brick work	Rectification of cracks in panel wall / portion. Cracks / settlement of dwarf walls. Rectification of efflorescence.
3	Joinery	Replacement of warped joinery, termite & borer affected joinery. Cracks in panels, rails / styles etc.
4	Builders Hardware	Repairs / Replacement of loosened / pre-mature failure of fittings. Tightening / Replacement of sag in mosquito proofing.
5	Steel & Iron work	Rectification / Replacement of defective part of rolling shutter. Redoing of defective portion in fabrication / welding including painting. Steel windows, grills, gates etc. – defects to be rectified.
6	Roof treatment	Rectification of leakage / seepage of roof slab including covering at junction till guarantee period.
7	Plastering	Rectification of structural / superficial cracks if any. Rectification of protruding / peeling off plaster if any. Rectification of efflorescence
8	Flooring	Rectification of settled portion of plinth protection including saucer drain. Rectification/ replacement of settled floors. Settlement of foundation & floors.
9	Plumbing / Sanitary fittings	Making good of leakage through soil / waste pipe and joints. Replacement of looking mirror if found wavy. Rectification of leakage of over head tanks. Leakage / seepage of sunken floor, blockage of taps / pipes, non-functioning of cistern.
10	Finishes	Making good of defective / dissimilar patches of painting to match with remaining surfaces.
11	Internal Water Supply	Repairs / Replacement of defective taps / fittings. Repair to leakage of GI water pipe lines including joints. Removal of blockage of GI pipe lines.
12	Roads	Repair of sinking portion of road & potholes, if any

S. No.	Description	Defect Liability
13	Sewage	Rectification of slope / system if found defective during use. Rectification of major blockage in Sewer lines. Cracks & settlement of sewage lines.
14	Drains	Repair to Drains. Settlement of Drains
15	External Water Supply	Repairs to installations & fittings.
16	Water Proofing	Repair/ rectification of leakage/ seepage including replacement of defective water proofing treatment along with all the affected sanitary and plumbing items, flooring, skirting and dado if any repairing dismantling for replacement/ repairing water proofing treatment during the guarantee period.
17	General	All manufacturing & fabrication defects of structures/ RCC water tanks/ fixtures / fittings / equipment other than listed above.

~~23.2~~ **INTEGRATED SERVICE DRAWINGS**

~~Before taking up the work, the contractor shall prepare integrated drawings for various civil and electrical services showing details of lay out plan including sectional elevations and submit the same for the approval of Engineer in Charge. Integrated drawings shall be prepared and submitted by the Contractor as per local Byelaws and as per the site conditions to facilitate convenient installation as well as maintenance. Nothing extra shall be payable on this account.~~

ANNEXURE -“A”

FORM OF EARNEST MONEY (BANK GUARANTEE)

WHEREAS, contractor, M/s..... (Name of contractor) (hereinafter called "the contractor") has submitted his tender dated (Date) for the work of..... (Name of work) (here in after called "the Tender")

KNOW ALL PEOPLE by these presents that we..... (Name of bank) having our registered office at..... (hereinafter called "the Bank") are bound unto Executive Engineer, FTR HQ BSF Rajasthan.(Name and division of Executive Engineer) (here in after called "the Engineer-in-Charge") in the sum of Rs.-/- (Rs. in words) for which payment well and truly to be made to the said Engineer-in-Charge the Bank binds itself, his successors and assigns by these presents.

SEALED with the Common Seal of the said Bank this..... day of..... 20.....

THE CONDITIONS of this obligation are:

(1) If after tender opening, the Contractor withdraws his tender during the period of validity of tender (including extended validity of tender) specified in the Form of Tender;

(2) If the contractor having been notified of the acceptance of his tender by the Engineer-in-Charge:

(a) Fails or refuses to execute the Form of Agreement in accordance with the Instructions to contractor, if required;

OR

(b) Fails or refuses to furnish the Performance Guarantee, in accordance with the provisions of tender document and Instructions to contractor,

OR

(c) Fails or refuses to start the work, in accordance with the provisions of the contract and Instructions to contractor,

OR

(d) Fails or refuses to submit fresh Bank Guarantee of an equal amount of this Bank Guarantee, against Security Deposit after award of contract.

We undertake to pay to the Engineer-in-Charge **either** up to the above amount **or part thereof** upon receipt of his first written demand, without the Engineer-in-Charge having to substantiates his demand, provided that in his demand the Engineer-in-Charge will note that the amount claimed by him is due to him owing to the occurrence of one or any of the above conditions, specifying the occurred condition or conditions.

This Guarantee will remain in force up to and including the date* after the deadline for submission of tender as such deadline is stated in the Instructions to contractor or as it may be extended by the Engineer-in-Charge, notice of which extension(s) to the Bank is hereby waived. Any demand in respect of this Guarantee should reach the Bank not later than the above date.

DATE.....
SEAL

SIGNATURE OF THE BANK WITH

WITNESS.....

(SIGNATURE, NAME AND ADDRESS)

* Date to be worked out on the basis of validity period of 75 (Seventy five) days from last day of technical bid.

ANNEXURE-“B”

FORM OF PERFORMANCE SECURITY (GUARANTEE)**BANK GUARANTEE BOND**

1. In consideration of the President of India (hereinafter called "the Government") having agreed under the terms and conditions of _____ agreement No. _____ dated _____ made between _____ and _____ {hereinafter called "the said contractor(s)"} for the _____ work _____
 _____ (hereinafter called "the said agreement") having agreed to production of an irrevocable Bank Guarantee for Rs. _____ (Rupees _____ only) as a security/guarantee from the contractor(s) for compliance of his obligations in accordance with the terms and conditions in the said agreement,
 We _____
 _____ (indicate the name of the Bank)
 (hereinafter referred to as "the Bank") hereby undertake to pay to the Government an amount not exceeding Rs. _____/- (Rupees _____ only) on demand by the Government.
2. We _____ do hereby undertake to
 _____ (indicate the name of the Bank)
 pay the amounts due and payable under this Guarantee without any demure, merely on a demand from the Government stating that the amount claimed is required to meet the recoveries due or likely to be due from the said contractor (s). Any such demand made on the Bank shall be conclusive as regards the amount due and payable by the bank under this Guarantee. However, our liability under this guarantee shall be restricted to an amount not exceeding Rs. _____/- (Rupees _____ only).
3. We, the said bank further undertake to pay to the Government any money so demanded notwithstanding any dispute or disputes raised by the contractor(s) in any suit or proceeding pending before any court or Tribunal relating thereto, our liability under this present being absolute and unequivocal.
 The payment so made by us under this bond shall be a valid discharge of our liability for payment there under and the contractor(s) shall have no claim against us for making such payment.
4. We _____ further agree that the guarantee _____ (indicate the name of the Bank)
 herein contained shall remain in full force and effect during the period that would be taken for the performance of the said agreement and that it shall continue to be enforceable till all the dues of the Government under or by virtue of the said agreement have been fully paid and its claims satisfied or discharged or till Engineer-in-Charge, on behalf of the Government, certifies that the terms and conditions of the said agreement have been fully and properly carried out by the said contractor(s) accordingly discharges this guarantee.
5. We _____ further agree with the Government that
 _____ (Indicate the name of the Bank)
 the Government shall have the fullest liberty without our consent and without affecting in any manner our obligations hereunder to vary any of the terms and conditions of the said agreement or to extend time of performance by the said contractor(s) from time to time or to postpone for any time or from time to time any of the powers exercisable by the Government against the said contractor(s) and to forbear or enforce any of the terms and conditions relating to the said agreement and we shall not be relieved from our liability by reason of any such variation, or extension being granted to the said contractor(s) or for any forbearance, act of omission on the part of the Government or any indulgence by the Government to the said contractor(s) or by any such matter or thing whatsoever which under the law relating to sureties would, but for this provision, have effect of so relieving us.
6. This guarantee will not be discharged due to the change in the constitution of the Bank or the contractor(s).
7. We _____ lastly undertake not to
 _____ (indicate the name of bank)
 revoke this guarantee except with the previous consent of the Government in writing.
8. This guarantee shall be valid upto _____ unless extended on demand by Government. Notwithstanding anything mentioned above, our liability against this Guarantee is restricted to Rs. _____/- (Rupees _____ only) and unless a claim in writing is lodged with us within Four Months of the date of expiry or the extended date of expiry of this guarantee, all our liabilities under this guarantee shall stand discharged.
 Dated the _____ day of _____
 for _____
 _____ (Indicate the name of the Bank)

ANNEXURE-C

**GUARANTEE TO BE EXECUTED BY THE CONTRACTOR
FOR REMOVAL OF DEFECTS AFTER COMPLETION IN RESPECT OF
WATER-PROOFING WORKS.**

The agreement made this..... day of Two Thousand betweenS/o(hereinafter called the GUARANTOR on the one part) and the PRESIDENT OF INDIA (hereinafter called the Government on the other part)

WHEREAS THIS agreement is supplementary to a contract (Hereinafter called the Contract) dated and made between the GUARANTOR ON THE ONE PART AND the Government on the other part whereby the contractor inter alia undertook to render the building and structures in the said contract completely water and leak-proof.

AND WHEREAS THE GUARANTOR agreed to give a guarantee to the effect that the said work will remain water and leak proof, for Ten years from the date of giving water proofing treatment.

NOW THE GUARANTOR hereby guarantee that work executed by him will render the structures completely leak proof and the minimum life of such water proofing treatment shall be Ten years to be reckoned from the date after the expiry of maintenance period prescribed in the contract.

The decision of the Engineer-in-Charge with regard to nature and cause of defect shall be final.

During this period of guarantee, the guarantor shall make good all defects and in case of any defect being found render the building water proof to the satisfaction of the Engineer-in-Charge calling upon him to rectify the defects failing which the work shall be got done by the Department by some other contractor at the Guarantor's cost and risk. The decision of the Engineer-in-Charge as to the cost payable by the Guarantor shall be final and binding.

That if the guarantor fails to execute the water proofing or commits breach thereunder, then the guarantor will indemnify the principal and his successor against all loss, damage, cost expense or otherwise which may be incurred by him by reason of any default on the part of the GUARANTOR in performance and observance of this supplementary agreement. As to the amount of loss and/or damage and or cost incurred by the Government, the decision of the Engineer-in-Charge will be final and binding on both the parties.

IN WITNESS WHEREOF these presents have been executed by the obligator and by for and on behalf of the PRESIDENT OF INDIA on the day, month and year first above written.

SIGNED, sealed and delivered by OBLIGATOR in the presence of:-

- 1.
- 2.

SIGNED FOR AND BEHALF OF THE PRESIDENT OF INDIA BY in the presence of :-

- 1.
- 2.

ANNEXURE-“D”**LIST OF PREFERRED MAKE OF MATERIALS FOR CIVIL WORK**

The materials of first / standard quality from the following preferred makes are to be used. In case it is established that the brands specified below are not available in the market, contractor shall submit alternative proposal for the approval of Engineer-in-Charge.

The contractor shall provide the material as per the Make or Brand indicated below. The contractor shall obtain the approval of Engineer-in-Charge for the alternative brands, before the actual execution of items.

LIST OF APPROVED MANUFACTURES / SUPPLIERS (GENERAL)		
S.NO	MATERIAL	APPROVED PRODUCT / MAKE
1	CEMENT (OPC/PPC)	ULTRATECH, ACC , DALMIA, NUVOCO, AMBUJA, SHREE, STAR, OR AS DIRECTED BY ENGINEER-IN-CHARGE
2	STRUCTURAL STEEL SECTIONS AND REINFORCEMENT	TATA(TISCON), SAIL, RINL, JINDAL STEEL & POWER LTD., JSW STEEL LTD
3	DAMP PROOF MATERIAL/ POLY SULPHIDE SEALANT/ ADMIXTURES/ WATER PROOFING COMPOUND/ INJECTION GROUTING	DR. FIXIT, FOSROC, BASF, IMPERMO, CICO, ZYDEX, DOW, CORNING, CHOKSEY, TUFFSHEAL, SIKKA,
4	WHITE CEMENT	J.K. WHITE, BIRLA WHITE
5	LOCKS/ LATCH	GODREJ, HARRISON, YALE, LINK.
6	SS WIRE MESH	STERLING ENTERPRISES, TRIMURTY WELDED, SPC (SELECTED PRODUCTS CO).
7	ADHESIVE	PIDILITE, FOSROC, SIKA, CICO, BASF,
8	EPOXY MORTAR	FOSROC, SIKA, DR. FIXIT, CICO.
9	DASH FASTENER	HILTI, FISHER, BOSCH, CANON
10	FLUSH DOOR SHUTTERS (DOOR SHUTTERS (DECORATIVE/ NON DECORATIVE)/ LAMINATES/ PRELAMINATED PARTICLE BOARD/ BOARD & PLYWOOD	GREENPLY, CENTURY, NATIONAL, DURO, JAYNA (JAIN WOOD INDUSTRIES), MERINO, ACTION TESA, NOVOPAN, KITLAM, ARCHID, PLY, ACTION TESA (ISI MARKED)
11	HYDRAULIC DOOR CLOSE R/ FLOOR	GODREJ, DORMA, HEFFLE, KICH, HETTICK, HARDWYN
12	WOODEN DOOR FITTINGS OF BRUSHED STEEL	B & R, GODREJ, DORMA, HEFFLE, KICH, HETTICK.(ISI MARKED)
13	S.S. STAIRCASE RAILING/ ACCESSORIES	KICH, D-LINE, JINDAL STAINLEES STEEL LTD.(ISI MARKED)
14	FIRE CHECK DOOR	PROMAT, KUTTY DOOR, NAVAIR, SAINT GOBAIN, SIGNUM FIRE PROTECTION INDIA PVT. LTD.)

15	FIRE CHECK ACCESSORIES CALCIUM/ SMOKE SEAL STRIP/ DOOR, CLOSER LOCK	PROMAT, NAVAIR, ASTRO FLAME.
16	PREMIUM ACRYLIC EXTERIOR PAINT WITH LOW VOC / INTERIOR ACRYLIC PAINT AND PRIMER WITH LOW VOC/	ASIAN, BERGER, NEROLAC, DULUX
17	ANODISED ALUMINIUM HARDWARE (HEAVY DUTY)	CLASSIC HARDIMA, EVERITE, SIGMA (ISI MARKED)
18	HARDWARE FITTINGS	GODREJ, HFFLE, HETTICH, KICH, DORMA, POLYTUF (R.S. INDUSTRIES).
19	TEMPERED GLASS	MODL SAINT GOBAIN, ASahi, MODI GUARD
20	POLYESTER POWDER COATING	NEROLAC, BERGER, J & N
21	ALUMINIUM SECTIONS	HINDALCO, INDALCO, JINDAL
22	FRICTION STAY HINGES	EARL-BIHARI, HETTICK, DORMA, HEFFLE.
23	NUTS, BOLTS AND SCREWS	HETTCK, HEFFLE, KICH, DORMA
24	EPDM GASKET	HANU, ANAND
25	STRUCTURAL SILICON/WEATHER SILICON	DOW CORNING, WACKER, 3M
26	ADHESIVE TAPE	NORTON, 3M (ISI MARKED)
27	GLAZED CERAMIC TILES / VITRIFIED TILES	KAJARIA, SOMANY, NITCO, ORIENT, CERA, JOHNSON
28	CEMENT CONCRETE TILES/ HARDONITE TILES	NITCO, HINDUSTAN, PODDAR, ULTRA TILES, NTC
29	TILE ADHESIVE	CICO, PIDILITE, FERROUS, BALENDURA, LETECRETE.
30	CHEQUERED TERRAZO TILES	NITCO, BHARAT, PODDAR, ULTRA TILES, NTC, CERA, SOMANY.
31	CLAY TILES ON ROOF	KENJAI, JOHNSON.
32	CC PAVERS	NITCO-(ROCKARD), PODDAR. ULTRA TILES
33	GRASS PAVER	UNISTONE, ULTRA
34	WATER-PROOF CEMENT PAINT/ SYNTHETIC ENAMEL PAINT/ PLASTIC EMULSION PAINT	SNOWCEM, ASIAN, BERGER, NERQLAC, DULUX
35	VITREOUS CHINA SANITARY WARE	PARRYWARE, HINDWARE, ESSCO, KOHLER SOMANY, CERA.
36	FIRECLY SINK & DRAIN BOARDS	PARRY, SUNFIRE
37	S.S. KITCHEN SINKS	NILKANTH, AMC, COBRA, SPC (SELECTED PRODUCTS CO.), CERA, M/S PRAYAG POLYMERS (P) LTD, KINGSTON (PLASTO CRAFT SANITARY INDIA PVT. LTD.)
38	C P BRASS BATH FITTINGS	JAQUAR, HINDWARE, KOHLER, SOMANY, PRIMA CERA, KINGSTON, PRAYAG, ESSCO (JAQUAR)

39	SOIL, WASTE & VENT PIPES & FITTING (A) CENTTIFUGAL CAST IRON	NECO, SKF, HE1'CO, BIC RPMF (RAJ PATIERN MAKERS & FOUNDERS PVT. LTD.) (ISI MARKED)
40	LA (CI) PIPES	NECO, RIF
41	G.I. PIPES	TATA, JINDAL (HISSAR), BANSAL, SURYA PRAKASH, SYNTEX.
42	GI FITTINGS (MALLEABLE CAST	UNIK, ZOLOTO
43	GUNMETAL VALVES	LEADER, SANT, ZOLOTO
44	STONEWARE PIPE & GULLY TRAPS	PERFECT, PARRY
45	R.C.C. PIPES (NP-2)	LAKSHMI, SOOD & SOOD, JAIN & Co.
46	MS PIPES	TATA, SAIL, JINDAL, ELECTRO STEEL
47	C.I. DOUBLE FLANGED SLUICE	KIRLOSKAR, IVC, BURN
48	VALVEC.I. DOUBLE FLANGED NON - RETURN VALVE	KIRLOSKAR, LEADER
49	C.I. MANHOLES COVERS	BIC, RIF,SPC (SSELECTED PRODUCTS CO.)
50	UPVC PIPE	SUPPEREME, PRINCE, FINOLEX, AKG, KISHAN (ISI MARKED)
51	BALL VALVES	ZOLOTO, IBP, ARCO
52	UNGLAZED VITRIFIED TILES	JHONSON (ENDURA), SOMANY (DURASTONE)
53	SPIDER FITTINGS	DORMA, HEFELE,KICH,HETTICK
54	MINERAL FIBRE FALSE CEILING	ARMSTRONG, ANUTONE
55	LIGHT WEIGHT CALCIUM SILICATE FALSE CEILING TILES	AEROLITE, HILUX
56	ACOUSTICAL PANELS	ARMSTRONG, ANUTONE
57	6MM THICK TOUGHENED HEAT REFLECTIVE GLASS	SAINT GOBAIN, ASAHI, MODIGUARD
58	GLASS REINFORCED CONCRETE	UNISTONE, ULTRA, GYPROC.
59	TILEUPVC WINDOW, VENTILATION AND DOORS	FENESTA, REHAU, NCL-VEKA
60	MULTI LATERED POLYCARBONATE PANEL/ FAÇADE SYSTEM	GE PLASTICS, DANPLAN
61	STAINLESS STEEL HARDWARE FITTINGS	DORMA, GODREJ, KICH, HAFFLE, HETTICK
62	HUBLESS PIPES & FITTINGS	NECO, SKF, RPMF, (RAJ PATTERN MAKERS & FOUNDERS PVT LTD.)
63	FRP DOOR SHUTTER AND FRAME	SPC (SELECTED PRODUCTS CO.) JAIN DOORS PVT. LTD, JAYNA (JAIN WOOD INDUSTRIES)
64	SOLID PVC CUPBOARD SOLID KITCHEN CABINET AND SOLID PVC DOORS.	RAJSHREE, SINTEX
65	PVC DOORS & FRAMES	RAJSHREE, SINTEX
66	ISI MARKED FLUSHING CISTERNS	HINDWARE, JINDAL, CERA, PARRYWARE, PRAYAG

67	MANUFACTURER OF MS STEEL SECTION WINDOWS, MS TUBLER SECTION WINDOWS & MS PRESSED STEEL DOOR FRAMES	SAN HARVIC, AGUE JANGID ENGINEERING WORKS
68	PTMT BATHROOM FITTINGS	M/S PRAYAG POLYMERS (P) LTD, POLYTUF (R.S. INDUSTRIES) KINGSTON (PLASTOCRAFT SANITARY INDIA LTD.)
69	SUPER PLASTICIZER	PIDILITE, FOSROC, SIKA, CICO, BASF,
70	FRP SHUTTER	FIBER GLASS ENGINEERS, ASHOO MODEL
71	CURTAIN CARRIER	VISTA LEVLOR OR EQUIVALNET
72	DRAPERY ROD	VISTA LEVLOR OR EQUIVALNET
73	TUBLAR SECTION WINDOW	M/S CLASSIC ENGINEERS & FABRICATOR, RAIPUR, M/S MULWIN INDUSTRIAL CORPORATION, KOLKATA
74	HARDNER	HARDCRETE OF SNOWCEM INDIA, MC DERITOP, DR FIXIT
75	EPOXY PRIMER & PAINTS	BERGER, PIDILITE, ASIAN, NEROLAC
76	PRIMER	ASIAN, ICI, BERGER, NEROLAC
77	PVC RAIN WATER PIPE & FITTING	FINOLAX, CLASSIC OF KISAN, ASTRAL, SUPREME, PRINCE
78	BIO TOILET	SINTEX OR EQUIVALENT AS PER SPECIFICATION
79	ALL SANITARY FITTING PTMT	PRAYAG, PRINCE, KLASSIC, SUPREME, ASTRAL
80	PP-R PRPE & FITTING	SINTEX, FINOLEX, ASTRAL, SUPREME, SFMC
81	SYNTHETIC POLYMERIC RUBBER COMPUND	ARMSTRONG, SUPERLON, VIDOFLEX
82	TEXTURE EXTERIOR WALL	BERGER. NEROLAC, ASIAN, ICI-DULUX
83	OIL BOUND DISTEMPER	BERGER. NEROLAC, ASIAN, ICI-DULUX
84	VIRTUOSOS CHINA WASH BASIN	HINDWARE / PERRYWARE / CERA
85	OVAL VITREOUS CHINA PEDESTAL FOR	PEDSTAL OF PERRYWARE / HINDWARE
86	WASH BASIN VITREOUS CHINA FLOOR MOUNTED EUROPEAN W.C. WITHOUT/WITH CISTERN/ VITREOUS CHINA WALL HUNG W.C. WITH VITREOUS CISTERN (COMPONENT)/ ORISSA PAN/ VITREOUS CHINA HALF STALL URINAL/ VITREOUS CHINA WASH BASIN	/ CERAPERRYWARE / HINDWARE / CERA
87	LOW LEVEL PVC CISTERN SINGLE FLUSH	SLEEK MODEL CISTERN OF PVC OF HINDWARE OR SLIMLINE DELUXE MODEL OF PERRYWARE, CERA JINDAL.
88	DUAL FLUSH FLUSHING CISTERN	SLEEK DUAL FLUSH PVC CISTERN OF HINDWARE OR SLIMLINE DUAL OF PERRYWARE, CEAR

*** Raw material source to be approved by the Engineer-in-Charge.
All other items shall be of ISI marked / as per approved sample kept at site of work.**

BRIEF PARTICULARS OF THE WORK

1. Salient details of the work are as under :

Name of Work: - **Provision of aluminum mess in ground floor balcony of officers' mess suits at SHQ BSF TVM..**

Estimated cost: - **Rs. 98,878/-**

Period of completion: **30 Days.**

2. The work site is situated at.
Scope of work:

Brief Specifications:

A. Civil Works

Provision of aluminum mess in ground floor balcony of officers' mess suits at SHQ BSF TVM.

PERFORMANCE GUARANTEE

- 1) The contractor shall submit an irrevocable PERFORMANCE GUARANTEE of 5% (Five percent of the tendered amount) in addition to other deposits mentioned elsewhere in the contract for his proper performance of the contract agreement, (notwithstanding and/ or without prejudice to any other provisions in the contract) within 7 days of issue of letter of acceptance. This period can be further extended by the Engineer-in-Charge up to a maximum period of 7 days on written request of the contractor stating the reason for delays in procuring the Bank Guarantee to the satisfaction of the Engineer-in-Charge.

This guarantee shall be in the form of Govt. securities or fixed deposit receipts or Guarantee Bonds of any Scheduled Bank or the State Bank of India in accordance with the form annexed hereto. In case a fixed deposit receipt of any Scheduled Bank is furnished by the contractor the Govt. as part of the performance guarantee & the Bank is unable to make payment against the said fixed deposit receipt, the loss caused thereby shall fall on the contractor and the contractor shall forth with on demand furnish additional security to the Govt. to make good the deficit.

- 2) A letter of acceptance shall be issued informing the successful tenderer of the decision of the competent authority to accept his tender and to submit the Performance Guarantee within 15 days in any of the prescribed form. On receipt of prescribed performance guarantee, necessary letter to commence the work shall be issued and site of work shall be handed over thereafter. In case of failure by the contractor to furnish the performance guarantee within the specified period, Government shall without prejudice to any other right or remedy available in law, be at liberty to forfeit the earnest money absolutely.
- 3) The Performance Guarantee shall be initially valid up to the stipulated date of completion plus 60 (sixty) days beyond that. In case the time for completion of work gets enlarged, the contractor shall get the validity of Performance Guarantee extended to cover such enlarged time for completion of work. After recording of the completion certificate for the work by the competent authority, the performance guarantee shall be returned to the contractor, without any interest.
- 4) The Engineer-in-Charge shall not make a claim under the performance guarantee except for amounts to which the President of India is entitled under the contract (not withstanding and/ or without prejudice to any other provisions in the contract agreement) in the event of:-
- a) Failure by the contractor to extend the validity of the Performance Guarantee as described herein above, in which event the Engineer-in-Charge may claim the full amount of the Performance Guarantee.
- (b) Failure by the contractor to pay President of India any amount due, either as agreed by the contractor or determined under any of the clauses/ conditions of the agreement, within 120 Days of the service of notice to this effect by Engineer-in-Charge.
- In the event of the contract being determined or rescinded under provision of any of the clause/ condition of the agreement, the performance guarantee shall stand forfeited in full and shall be absolutely at the disposal of the President of India.
- 5) The contractor shall prepare working schedule giving the date and rate of placing of concrete of each items of work and submit the same to Engineer-In-Charge for his approval. The use of pour cord is mandatory.

AFFIDAVIT

I/We have submitted a bank guarantee for the work: -

(Name of work).

Agreement No. _____

Dated _____ from _____

(Name of the Bank with full address)

to the Executive Engineer _____ (Name of Division) with a view to seek exemption from payment of security deposit/performance guarantee/guarantee money for expansion joint / Elastomeric Bearings / Bituminous Macadam/ Dense Bituminous Macadam/ Bituminous Concrete work/ Bitumen Mastic work in cash. This bank guarantee expires on

I/We undertake to keep the validity of the bank guarantee intact by getting it extended from time to time at my/our own initiative upto a period of _____ months after the recorded date of completion of the work or as directed by the Engineer-in-Charge.

I/We also indemnify the Government against any losses arising out of non-encashment of the bank guarantee, if any.

Deponent
(Signature of Contractor with stamp)

Note: - The affidavit is to be given by the executants before a first class Magistrate.

SCHEDULE OF QTY**NOW:-Provision of aluminum mess in ground floor balcony of officers' mess suits at SHQ BSF TVM.**

S/No	Description	Qty	Unit	Rate	Amount
1	Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / paneling, C.P. brass/ stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing, paneling and dash fasteners to be paid for separately) : For fixed portion Powder coated aluminium (minimum thickness of powder coating 50 micron)	67.74	kg	530.90	35963.17
	Total			Rs.	35963.17
	Modified Estimated Cost after using Correction factor on DSR 023 on account of GST 0.973				34992.16
	Add Cost Index @ 36% on DSR 2023 Total Rs.	12597.18		Rs.	12597.18
	Total Rs. (A)			Rs.	47589.34
2	Providing & fixing aluminium mess of required pattern fitted with necessary screw /rivets complete as per direction of engineer-in-charge.	35.88	sqm	1429.44	51288.31
	Total Rs. (B)				51288.31
	Total rs. (A + B)				98877.65
	Say Rs.			Rs.	98878.00

Approved/ Not Approved**AC (Works)
SHQ BSF Trivandrum**