



GOVERNMENT OF INDIA
CENTRAL PUBLIC WORKS DEPARTMENT

ORIGINAL NIT

No.- 14/NIT/EE/TCD-I/AGT/2026-27

FOR

C/o A-Type School Building and staff Qtrs. (T-II 04 Nos (G+1), Type-III-04 Nos. (G+1), & type-IV-01 No. (G+1) including development works at Kendriya Vidyalaya, Gokulnagar, Bishalgarh, Sipahijala, Tripura.(SH:- Providing Services by deploying Manpower on contractual basis in the office of the Chief Engineer, CPWD Agartala) 3rd call.

Issued by

EXECUTIVE ENGINEER
CENTRAL PUBLIC WORKS DEPARTMENT
TRIPURA CENTRAL DIVISION-I, USHA BAZAR,
AGARTALA, TRIPURA-799009

GOVERNMENT OF INDIA
EXECUTIVE ENGINEER
CENTRAL PUBLIC WORKS DEPARTMENT
TRIPURA CENTRAL DIVISION-I, USHA BAZAR,
AGARTALA, TRIPURA-799009

NOTICE INVITING TENDER

ORIGINAL NIT NO. - 14/NIT/EE/TCD-I/AGT/2026-27.

Name of work	:	C/o A-Type School Building and staff Qtrs. (T-II 04 Nos (G+1), Type-III-04 Nos. (G+1), & type-IV-01 No. (G+1) including development works at Kendriya Vidyalaya, Gokulnagar, Bishalgarh, Sipahijala, Tripura.(SH:- Providing Services by deploying Manpower on contractual basis in the office of the Chief Engineer, CPWD Agartala) 3rd call.
Estimated Cost	:	₹16,91.415.00
Earnest Money	:	₹ 33,828.00
Performance Guarantee	:	(a) 5% of Tendered value or Estimated Cost put to tender (ECPT) (Whichever is higher). (b) Where the tendered amount is less than eighty percent (80%) of the Estimate Cost Put to Tender (ECPT, the Performance Guarantee, in addition to additional performance guarantee , shall be increased by an amount equal to the difference between eighty percent (80%) of the (ECPT) and the tendered amount.
Security Deposit	:	2.5% of tendered Value.
Completion Period	:	06 (Six) Months
NIT No.	:	14/NIT/EE/TCD-I/AGT/2026-27
Last Date & Time of receipt of Pre-Bid Queries	:	Up to 2.00 pm on 14.07.2026
Last Date for submission of Bid document	:	Up to 3.00 pm on 14.07.2026

“NOT TO BE UPLOADED BELOW THIS LINE”

NIT Containing **01 to 92** Pages as per Index amounting to **Rs. 16,91,415.00 (Rupees Sixteen Lakhs Ninety One Thousand Four Hundred Fifteen)** only is hereby approved.

**Executive Engineer,
Tripura Central Division-I,
CPWD, Agartala, Tripura**

Name of work : C/o A-Type School Building and staff Qtrs. (T-II 04 Nos (G+1), Type-III-04 Nos. (G+1), & type-IV-01 No. (G+1) including development works at Kendriya Vidyalaya, Gokulnagar, Bishalgarh, Sipahijala, Tripura.(SH:- Providing Services by deploying Manpower on contractual basis in the office of the Chief Engineer, CPWD Agartala) 3rd call.

INDEX

S. No.	Details	Page No.
1.	Cover page	1
2.	Tender Document	2
3	Index	3
4.	Press notice inviting e- tender	4
5.	Information and Instructions for Contractors for e-Tendering	5-8
6	Proforma for receipt to be issued by Earnest Money receiving authority	09
7.	Part “A”	10
8.	CPWD - 6 for e-Tendering	11-17
9.	Integrity Agreement	18-24
10.	CPWD – 7, Percentage Rate Tender & Contract for Works	25.-27
11.	Amendments to GCC 2023 for Maintenance Works	28
12.	Performance Guarantee	29
13.	Form of Bank Guarantee for Performance / Guarantee / Security Deposit / Mobilization advance	30-31
14.	Part “B”	32
15.	Schedule A to F (Civil Work)	33-40
16.	General Conditions	41-45
17.	Additional Conditions	46-49
18.	Special Conditions to comply directives of Hon'ble National Green Tribunal and EIA Guidance Manual	50
19.	Special Conditions	51-76
20.	Particular Specification	77
21	Special Conditions for Cement	78
22.	Special Condition for Steel	79-80
23.	Special conditions for Maintenance Works like AR&MO, Special Repair, Upgradation, Addition & alteration etc.	81-83
24.	Contract for removal of defects after completion in respect of water proofing works	84
25.	To be executed by the contractor for removal of defects after completion in respect of aluminium doors, windows ventilators, structural glazing & PVDF coated aluminium composite panel works	85
26.	List of machinery, T&P to be deployed	86
27.	List of Preferred Materials (Civil Works)	87-89
28.	Schedule of quantities for Civil Works	90
29.	Part “C”	91
30.	Proforma for quotating tender percentage	92

PRESS NOTICE INVITING e-TENDERS

CENTRAL PUBLIC WORKS DEPARTMENT

The Executive Engineer, Tripura Central Division-I, CPWD, Usha Bazar, Agartala-799009, Phone No. 0381-2951393, e-mail: nez2eeTcd1.cpwd@gov.in, invites for & on behalf of the President of India online percentage rate bids from CPWD enlisted contractors of appropriate Class in Building & Roads category for the following work through e-tender solution:-

NIT No.	:	14/NIT/EE/TCD-I/AGT/2026-27.
Name of work	:	C/o A-Type School Building and staff Qtrs. (T-II 04 Nos (G+1), Type-III-04 Nos. (G+1), & type-IV-01 No. (G+1) including development works at Kendriya Vidyalaya, Gokulnagar, Bishalgarh, Sipahijala, Tripura(SH:- Providing Services by deploying Manpower on contractual basis in the office of the Chief Engineer, CPWD Agartala) 3rd call.
Estimated Cost	:	₹16,91.415.00
Time of Completion	:	06 (Six) Monthss.
Earnest Money	:	₹ 33,828.00
Last time and date of submission of bid	:	up to 3.00 pm on 14.07.2026

The bid forms and other details can be obtained from the website

<https://etender.cpwd.gov.in> The press notice is also available on <https://etender.cpwd.gov.in>

**INFORMATION AND INSTRUCTIONS FOR CONTRACTORS FOR e-TENDERING FORMING
PART OF NIT**

The Executive Engineer, Tripura Central Division-I, CPWD, Usha Bazar, Agartala-799009, (Phone No.: 0381-2951393) email: nez2eeTcd1.cpwd@gov.in, invites on behalf of the President of India online percentage rate bids from CPWD enlisted contractors of appropriate class in Building & Roads category (composite) for the following work through e-procurement solution:-

Sl. No.	NIT No.	Name of work & Location	Estimated cost put to bid	Earnest Money	Period of completion	Last date & time for submission of bids, original EMD or a copy of receipt for deposition of original EMD in any other CPWD division	Date & Time of opening of bid
1	2	3	4	5	6	7	8
1.	14/NIT/EE/TCD-I/AGT/2026-27	C/o A-Type School Building and staff Qtrs. (T-II 04 Nos (G+1), Type-III-04 Nos. (G+1), & type-IV-01 No. (G+1) including development works at Kendriya Vidyalaya, Gokulnagar, Bishalgarh, Sipahijala, Tripura(SH:- Providing Services by deploying Manpower on contractual basis in the office of the Chief Engineer, CPWD Agartala) 3rd call.	₹16,91.415.00	₹ 33,828.00	06(Six) Months.	upto 3.00 PM on 14.07.2026	3.30 PM on 14.07.2026

INFORMATION AND INSTRUCTIONS FOR CONTRACTORS FOR e-TENDERING

1. Information and instructions for Contractors will form part of NIT and to be uploaded on ITI website.
2. Earnest Money can be paid in the form of (i) Banker's Cheque of a Commercial Bank, (ii) Account Payee Demand Draft of a Commercial Bank (iii) Fixed Deposit Receipt (FDR) of a Commercial Bank (iv) Insurance Surety Bonds (v) Bank Guarantee (for balance amount as prescribed) from a Commercial Bank drawn in favour of **The Executive Engineer, Tripura Central Division-I, CPWD, Usha Bazar, Agartala-799009, Phone No. 0381-2951393, e-mail: nez2eeTcd1.cpwd@gov.in**, along with bank guarantee of any scheduled bank wherever applicable.

A part of earnest money is acceptable in the form of bank guarantee also. In such case, 50% of earnest money or ₹ 20 lakhs, whichever is less, will have to be deposited in shape prescribed above and balance in shape of Bank Guarantee of any scheduled bank. The intending bidder has to fill all the details such as (i) Banker's Cheque of a Commercial Bank, (ii) Account Payee Demand Draft of a Commercial Bank (iii) Fixed Deposit Receipt (FDR) of a Commercial Bank (iv) Insurance Surety Bonds (v) Bank Guarantee (for balance amount as prescribed) from a Commercial Bank, amount and date.

The amount of EMD can be paid by (i) Banker's Cheque of a Commercial Bank, (ii) Account Payee Demand Draft of a Commercial Bank (iii) Fixed Deposit Receipt (FDR) of a Commercial Bank (iv) Insurance Surety Bonds (v) Bank Guarantee (for balance amount as prescribed) from a Commercial Bank.

3. 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.
4. On opening date, the contractor can login and see the bid opening process. After opening of bids, he will receive the competitor bid sheets.
5. **Contractor can upload documents in the form of JPG format and PDF format.**
6. It is mandatory to fill details / upload scanned copies of all the documents such as GST registration as stipulated in the bid document. If such document is not uploaded his bid will become invalid and cost of bid document & processing fee shall not be refunded.
7. If the contractor is found ineligible after opening of bids, his bid shall become invalid and Cost of bid document and processing fee shall not be refunded.
8. 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 contractor the bid shall become invalid and cost of bid document and processing fee shall not be refunded.
9. The Bid submitted shall become invalid if:-
 - i) The bidder is found ineligible.
 - ii) The bidder does not Deposit original EMD with Division Office of any Executive Engineer, CPWD (The EMD document is issued from the place in which the office of receiving Division Office is situated).
 - iii) The bidder does not upload all the documents (including GST registration) as stipulated in the bid document.
 - iv) Certificate of Registration for GST and acknowledgement of upto date filed return as per NIT stipulation.

- v) 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 tenderer in the office of tender opening authority.
10. If a bidder quotes nil rates against each item in item rate tender or does not quote any percentage above/ below on the total amount of the tender or any section/ sub head in percentage rate bid, the bid shall be treated as invalid and will not be considered as lowest bidder.
 11. ~~The Eligibility criteria documents shall be opened first on due date and time. The time and date of opening of technical cum commercial and financial bid of the bidders qualifying the eligibility criteria shall be communicated to them at the later stage.~~
 12. It is mandatory to upload scanned copies of all documents including GST registration if these documents are not uploaded, then bid will become invalid and summarily be rejected.
 13. After submission of the bid the agency can re-submit revised bid any number of times but before last time and date of submission of bid as notified.

PROFORMA FOR THE RECEIPT TO BE ISSUED BY THE EE RECEIVING THE EMD

<p>Receipt of deposition of original EMD (Receipt No..... / date.....)</p>
<p>Name of work : C/o A-Type School Building and staff Qtrs. (T-II 04 Nos (G+1), Type-III-04 Nos. (G+1), & type-IV-01 No. (G+1) including development works at Kendriya Vidyalaya, Gokulnagar, Bishalgarh, Sipahijala, Tripura(SH:- Providing Services by deploying Manpower on contractual basis in the office of the Chief Engineer, CPWD Agartala) 3rd call.</p> <p>NIT No.: 14/NIT/EE/TCD-I/AGT/2026-27</p> <p>Estimated Cost : ₹16,91,415.00</p> <p>Amount of Earnest Money Deposit : ₹ 33,828.00</p> <p>Last date of submission of bid : upto 3.00 PM on 14.07.2026</p>
<p>1. Name of contractor*</p> <p>2. Form of EMD *</p> <p>3. Amount of Earnest Money Deposit.....*</p> <p>4. Date of Submission of EMD.....*</p> <p>Signature, Name and Designation of EMD receiving officer (EE/AE(P)/AO/AAO) along with office stamp</p> <p style="text-align: center;">(*To be filled by EMD receiving EE/AE(P)/AO/AAO)</p>

PART "A"

CPWD-6 FOR e -Tendering

The Executive Engineer, Tripura Central Division-I, CPWD, Usha Bazar, Agartala-799009, (Phone No.: 0381-2951393) email: nez2eeTcd1.cpwd@gov.in invites on behalf of the President of India online percentage bids from CPWD enlisted contractors of appropriate class in Building & Roads category (composite) for the work **C/o A-Type School Building and staff Qtrs. (T-II 04 Nos (G+1), Type-III-04 Nos. (G+1), & type-IV-01 No. (G+1) including development works at Kendriya Vidyalaya, Gokulnagar, Bishalgarh, Sipahijala, Tripura(SH:- Providing Services by deploying Manpower on contractual basis in the office of the Chief Engineer, CPWD Agartala) 3rd call..**

Item rate/Percentage rate bids are invited on behalf of President of India from approved and eligible contractors of CPWD enlisted contractors of appropriate class in composite category

The enlistment of the contractors should be valid on the last date of submission of tenders. In case the last date of submission of tender is extended, the enlistment of contractor should be valid on the original date of submission of tenders.

- 1.1 The work is estimated to cost **₹16,91.415.00 (Civil works)**

This estimate however, is given merely as a rough guide

- 1.1.1 The authority competent to approve NIT for the combined cost and belonging to the major discipline will consolidate NITs for calling the bids. He will also nominate Division which will deal with all matters relating to the invitation of bids.

For composite bid, besides indicating the combined estimated cost put to bid, should clearly indicate the estimated cost of each component separately. The eligibility of bidders will correspond to the combined estimated cost of different components put to bid.

- 1.2 ~~Intending bidders is eligible to submit the bid provided he has definite proof from the appropriate authority, which shall be to the satisfaction of the competent authority, of having satisfactorily completed similar works of magnitude specified below:-~~

~~Criteria of eligibility for submission of bid documents:-~~

- 1.2.1 ~~Conditions for Non-CPWD registered contractors only, if bids are also open to non-CPWD contractors.~~

~~For works estimated cost upto tendering limit of class I **Building & Roads category (composite) Contractor** (However, for Horticulture and Furniture etc discipline, it may be modified as per bidding limit of CPWD class I contractors of respective discipline as the case may be)~~

~~Three similar works each of value not less than Rs.....or two similar work each of value not less than Rs. or one similar work of value not less than Rs. (all figures rounded to nearest Convenient figure in last 7 years ending previous day of last date of submission of bids:-~~

~~**Note:-** For works costing above tendering limit of class II **Building & Roads category (composite) Contractor** but upto tendering limit of Clause I **Building & Roads category (composite) Contractor** However, for Horticulture and Furniture etc discipline, it may be modified as per bidding limit of CPWD class II and CPWD Class I contractors respectively of respective discipline as the case may be) when bids are open to non-CPWD contractors also, then class II contractors of CPWD registered shall also be eligible if they satisfy the eligibility criteria specified in 1.2.1 above.~~

- 1.2.2 ~~Criteria of eligibility for CPWD as well as non-CPWD contractors,~~

Correction = NIL, Insertion = NIL, Overwriting = NIL, Deletion = NIL, Sr D Man AE(P), EE (Civil),

~~For works estimated to cost above tendering limit of class I **Building & Roads category (composite)** Contractor (However for Horticulture and Furniture etc discipline, it may be modified as per bidding limit of CPWD class I contractors of respective discipline as the case may be.) Three similar works each of value not less than Rs..... or two similar work each of value not less than Rs..... or one similar work of value not less than Rs..... (all figures rounded to nearest convenient figure) in last 7 years ending previous day of last date of submission of bids.~~

~~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 submission of bid. This is applicable for 1.2.1 as well as 1.2.2 (This is not applicable for CPWD enlisted contractors of appropriate class in composite category)~~

To become eligible for issue of bid, the bidders shall have to furnish an affidavit as under:-

I/We undertake and confirm that eligible similar works(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 bidding in CPWD 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. (Scanned copy to be uploaded at the time of submission of bid)

- 1.2.3 ~~When bids are invited from non CPWD contractors and CPWD class II contractors as per provisions of **clause 1.2.1** above, it will be mandatory for non CPWD contractors and CPWD class II contractors to upload the work experience certificate(s) and the affidavit as per the provisions of **clause 1.2.2**.~~

~~But for such bids, Class I contractors of CPWD are eligible to submit the bids without submission of work experience certificate and affidavit. Therefore, CPWD class I contractors shall upload two separate letters for experience certificate and affidavit that these documents are not required to be submitted by them. Uploading of these two letters is mandatory otherwise system will not clear mandatory fields.~~

2. Agreement shall be drawn with the successful bidder on prescribed Form No. **CPWD 7 (or GCC 2023 for Maintenance Works (as modified & corrected up to previous day of the last date of submission of tender))** which is available as a Govt. of India Publication and also available on website **www.cpwd.gov.in**. Bidders shall quote his rates as per various terms and conditions of the said form which will form part of the agreement.
3. The time allowed for carrying out the work will be **06 (Six) Monthss** 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.
4. The site for the work is available.
 - (i) The architectural and structural drawings are available. However minor revisions may be carried out during execution
 - or
 - (ii) The architectural and structural drawings shall be made available in phased manner, as per requirement of the same as per approved programme of completion submitted by the contractor after award of work.

5. 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 except Standard General Conditions of Contract Form can be seen on website <https://etender.cpwd.gov.in> or www.cpwd.gov.in free of cost.
6. 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.
7. 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.
8. When bids are invited in three stage system and if is desired to submit revised financial bid then it shall be mandatory to submit revised financial bid. If not submitted then the bid submitted earlier shall become invalid.
9. **Earnest Money of ₹ 33,828.00** in the form of (i) Banker's Cheque of a Commercial Bank, (ii) Account Payee Demand Draft of a Commercial Bank (iii) Fixed Deposit Receipt (FDR) of a Commercial Bank (iv) Insurance Surety Bonds (v) Bank Guarantee (for balance amount as prescribed) from a Commercial Bank (drawn in favour of **The Executive Engineer, Tripura Central Division-I, CPWD, Usha Bazar, Agartala-799009, Phone No. 0381-2951393, e-mail: nez2eeTcd1.cpwd@gov.in**, shall be scanned and uploaded to the e-Tendering website within the period of bid submission. The original EMD should be deposited either in the office of Executive Engineer inviting bids or division office of any Executive Engineer, CPWD within the period of bid submission. The EMD receiving Executive Engineer (including NIT issuing EE/AE) shall issue a receipt of deposition of earnest money deposit to the bidder in a prescribed format (enclosed) uploaded by tender inviting EE in the NIT.

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 lacs, 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 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 documents 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 shall have to be submitted by the lowest bidder only along with physical EMD if any of the scanned copy of EMD uploaded 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 EMD deposited with any division of CPWD and other documents scanned and uploaded are found in order.**

- 9A. The contractors registered prior to 01.04.2015 on e-tendering portal of CPWD shall have to deposit tender processing fee at existing rates, or they have option to switch over to the new registration system without tender processing fee any time.

The bid submitted shall be opened at **03:30 PM on 14.07.2026**

10. The bid submitted shall become invalid and e-Tender processing fee shall not be refunded if:
 - (i) The bidder is found ineligible.
 - (ii) The bidder does not upload scanned copies of all the documents (including GST registration) stipulated in the bid document

- (iii) 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 bid opening authority.
 - (iv) If a tenderer quotes nil rates against each item in item rate tender or does not quote any percentage above/below on the total amount of the tender or any section / sub head in percentage rate tender, the tender shall be treated as invalid and will not be considered as lowest tenderer.
 - (v) The bidder does not Upload Proforma for Earnest Money Deposit Declaration.
11. The contractor whose bid is accepted will be required to furnish **performance guarantee** 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 ₹ 10,000.00) 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 of any scheduled bank (in case guarantee amount is less than ₹ 1,00,000.00) 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 bid shall be returned after receiving the aforesaid performance guarantee.** 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 programme chart (Time and Progress) within the period specified in Schedule F.

The description of the work is as follows: **The situation of work is at Agartala, Dist.:-West Tripura, State: - Tripura. The work is consisting of "C/o A-Type School Building and staff Qtrs. (T-II 04 Nos (G+1), Type-III-04 Nos. (G+1), & type-IV-01 No. (G+1) including development works at Kendriya Vidyalaya, Gokulnagar, Bishalgarh, Sipahijala, Tripura(SH:- Providing Services by deploying Manpower on contractual basis in the office of the Chief Engineer, CPWD Agartala) 3rd call.. 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.**

- 12. 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 bidders shall be summarily rejected.
- 13. 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 for rejection.

14. The competent authority on behalf of President of India reserves to himself the right of accepting the whole or any part of the bid and the bidders shall be bound to perform the same at the rate quoted.
15. The contractor shall not be permitted to bid for works in the CPWD Circle (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 Gazetted officer in the Central Public Works Department or in the Ministry of Urban Development. Any breach of this condition by the contractor would render him liable to be removed from the approved list of contractors of this Department.
16. 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 7 period of one year after his retirement from Government service, without the prior 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.
17. The **bids** for the **work** shall remain open for acceptance for a period of **Thirty (30) days** from the date of opening of bids in case of single bid system and **75 (Seventy five) days** from the date of opening of technical **bids** in case bids are invited in 2 or 3 bid system.
Further
 - (i) If any tenderer withdraws his tender or makes any modification in the terms & conditions of the tender which is not acceptable to the department within **7 days after last date of submission of bids**, then the Government shall without prejudice to any other right or remedy, be at liberty to forfeit 50% of the earnest money absolutely **irrespective of letter of acceptance for the work is issued or not.**
 - (ii) If any tenderer withdraws his tender or makes any modification in the terms & conditions of the tender which is not acceptable to the department **after** expiry of 7 days **after last date of submission of bids**, then the Government shall without prejudice to any other right or remedy, be at liberty to forfeit **100%** of the earnest money absolutely **irrespective of letter of acceptance for the work is issued or not.**
 - (iii) **In case of forfeiture of earnest money as prescribed in para (i) and (ii) above**, the bidders shall not be allowed to participate in the rebidding process of the same work.
18. This notice inviting Bid 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 Bid, all the documents including additional conditions, specifications and drawings, if any, forming part of the bid 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 C.P.W.D. Form **7or GCC 2023 for Maintenance Works (as modified & corrected up to previous day of the last date of submission of tender)**

19. **For Composite Bids**

20.1.1 The Executive Engineer in charge of the major component will call tenders for the composite work. **The Earnest Money will be fixed with respect to the combined estimated cost put to tender for the composite bid.**

20.1.2 The bid document will include following three components:

- (a) **Part A:-CPWD-6, CPWD-7** including schedule A to F for the major component of the work, Standard **General Conditions of Contract for CPWD 2023** for **Maintenance Works (as modified & corrected up to previous day of the last date of submission of tender)**

Part B:- General / specific conditions, specifications and schedule of quantities applicable to major component of the work.

Part C:-Schedule A to F for minor component of the work. Competent authority under clause 2 and clause 5 shall be same authority as mentioned in schedule A to F for major components), General/specific conditions, specifications and schedule of quantities applicable to minor component(s) of the work.

20.1.3 Composite contractor shall have to associate other agency(s) for execution of each of the work(s) ~~CCTV, IPPBX, Lift, Rising Main including works of DG Sets, HVAC, Sub Station, Fire Fighting & Fire Alarm System~~ forming part of the tender, which fulfils the eligibility criteria for these works(s) duly taking prior approval from the department. However, the **Building & Roads category (composite)** contractor shall also be eligible to carry out himself any or all of these works without associating any specialized agency provided: (a) He fulfils the prescribed eligibility criteria respectively for these work(s) or (b) He directly procures the equipment of approved make from manufacturer and get it installed from authorized agency/service provider of the manufacturer or specialized agency as per criteria mentioned in NIT.

20.1.4 The eligible bidder shall quote rates for all items of major component as well as for all items of minor components of work.

20.1.5 After acceptance of the bid by competent authority, the EE in charge of major component of the work shall issue letter of award on behalf of the President of India. After the work is awarded, the main contractor will have to enter into one agreement with EE in charge of major component and has also to sign two or more copies of agreement depending upon number of EE's/DDH in charge of minor components. One such signed set of agreement shall be handed over to EE/DDH in charge of minor component. EE of major component will operate part A and part B of the agreement. EE/DDH in charge of minor component(s) shall operate Part C along with Part A of the agreement.

20.1.6 Entire work under the scope of composite bid including major and all minor components and all minor components shall be executed under one agreement.

20.1.7 Security Deposit will be worked out separately for each component corresponding to the estimated cost of the respective component of works.

20.1.8 The main contractor has to associate agencies for specialized components (s) conforming to eligibility criteria as defined in the bid document and has to submit detail of such agency(s) to Engineer-in-charge of relevant component(s).within prescribed time. Name of the agency(s) to be associated shall be approved by Engineer-in-charge of relevant component(s).

20.1.9 In case the main contractor intends to change any of the above agency/agencies during the operation of the contract, he shall obtain prior approval of Engineer-in-charge of relevant specialized component(s).

The new agency/agencies shall also have to satisfy the laid down eligibility criteria. In case Engineer-in-charge is not satisfied with the performance of any agency, he can direct the contractor to change the agency executing such items of work and this shall be binding on the contractor.

20.1.10 The main contractor has to enter into MoU with agencies contractor(s) associated by him. Copy of such MoU shall be submitted to EE/ DDH in charge of each relevant component as well as to EE in-charge of major component. In case of change of associate contractor, the main contractor has to enter into agreement with the new contractor associated by him.

20.1.11 Running payment for the major component shall be made by EE of major discipline to the main contractor. Running payment for minor components shall be made by the Engineer-in-charge of the discipline of minor component directly to the main contractor.

20.1.12 A. The composite work shall be treated as complete when all the components of the work are complete. The completion certificate of the composite work shall be recorded by Engineer-in-charge of major component after record of completion certificate of all other components.

20.1.12 B. Final bill of whole work shall be finalized and paid by the EE of major component. Engineer(s) in charge of minor component(s) will prepare and pass the final bill for their component of work and pass on the same to the EE of major component for including in the final bill for composite contract.

20. GST and all other tax as applicable, shall be payable by the contractor and Government will not entertain any claim whatsoever in respect of the same.

21. Specialized agencies/firms as per para 20.1.3 who have satisfactorily executed individually each category works as per following criteria during last seven years are eligible for the specialized works:

- (i) One work of 80% of cost of work.
- (ii) Two work of 60% of cost of work.
- (iii) Three work of 40% of cost of work.

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 submission of bid.

22. Intending tenderer shall quote rate percentage above / below at **Page No. 94 i.e.** Percentage composite tender.

**Executive Engineer,
Tripura Central Division-I,
CPWD, Usha Bazar, Agartala-799009.
For & on behalf of President of India**

INTEGRITY AGREEMENT

This Integrity Agreement is made at on this..... Day of.....2026

BETWEEN

President of India represented through **The Executive Engineer, Tripura Central Division-I, CPWD, Usha Bazar, Agartala-799009** (Hereinafter 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 referred to as the “**Bidder/ Contractor**” and which expression shall unless repugnant to the meaning or context hereof include its successors and permitted assigns)
(Details of duly authorized signatory)

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 witnesses as under:

Article 1: Commitment of the Principal/Owner

- 1) The Principal/Owner commits 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) confidential / additional information through which the 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 of the principles herein mentioned or if there be a substantive 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) commits 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 in 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 purpose of competition or personal gain), or pass on to others, any information or documents provided by the Principal/Owner as part of the business relationship, regarding plans, technical proposals and 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 in India, if any. Similarly, Bidder(s)/Contractor(s) of Indian 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 but not both. Further, in cases where an agent participate in a tender on behalf of one manufacturer, he shall not be allowed to quote on behalf of another manufacturer along with the first manufacturer in a subsequent/parallel tender for the same item.

- e) The Bidder(s)/Contractor(s) will, when presenting his bid, disclose (with each tender as per proforma enclosed) any and all payments he has made, is committed to or intends to make to agents, brokers or any other intermediaries in connection with the award of the Contract.
- 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 justified interest of others and/or to influence the procurement process to the detriment of the Government interests.**
- 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 rights 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 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/determined the Contract or has accrued the right to terminate/determine the Contract according to Article 3(1), the Principal/Owner apart from exercising any legal rights that may have accrued to 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 to law enforcing agencies for further investigation.

Article 4: Previous Transgression

- 1) The Bidder declares that no previous transgressions occurred in the last 5 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 dealings/ holiday listing of the Bidder/Contractor as deemed fit by the Principal/ Owner.
- 3) If the Bidder/Contractor can prove that he has resorted / recouped the damage caused by him and has installed a suitable corruption prevention system, the Principal/Owner may, at its own discretion, revoke the exclusion prematurely.

Article 5: Equal Treatment of all Bidders/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 Subcontractors/ sub-vendors.
- 2) The Principal/Owner will enter into Pacts on identical terms as this one with all Bidders and Contractors.
- 3) The Principal/Owner will disqualify Bidders, 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 bidders, 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 discharged/determined by the Competent Authority, CPWD.

Article 7- Other Provisions

- 1) This Pact is subject to Indian Law, place of performance and jurisdiction is the **Headquarters 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 Agreement / 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:
Dated:

To,

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

Sub : C/o A-Type School Building and staff Qtrs. (T-II 04 Nos (G+1), Type-III-04 Nos. (G+1), & type-IV-01 No. (G+1) including development works at Kendriya Vidyalaya, Gokulnagar, Bishalgarh, Sipahijala, Tripura(SH:- Providing Services by deploying Manpower on contractual basis in the office of the Chief Engineer, CPWD Agartala) 3rd call.

Dear Sir,

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

The subject Notice Inviting 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 tenderer/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 CPWD.

Yours faithfully

**Executive Engineer,
Tripura Central Division-I,
CPWD, Usha Bazar, Agartala-799009**

To,

**The Executive Engineer,
Tripura Central Division-I,
CPWD, Usha Bazar, Agartala-799009**

Sub: Submission of Tender for the work - **C/o A-Type School Building and staff Qtrs. (T-II 04 Nos (G+1), Type-III-04 Nos. (G+1), & type-IV-01 No. (G+1) including development works at Kendriya Vidyalaya, Gokulnagar, Bishalgarh, Sipahijala, Tripura.(SH:- Providing Services by deploying Manpower on contractual basis in the office of the Chief Engineer, CPWD Agartala) 3rd call.**

Dear Sir,

I/We acknowledge that CPWD 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) is 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 CPWD. I/We acknowledge and accept the duration of the Integrity Agreement, which shall be in the line with Article 1 of the enclosed 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, CPWD 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)

**GOVERNMENT OF INDIA
CENTRAL PUBLIC WORKS DEPARTMENT**

STATE **Tripura** **ZONE :** **Chief Engineer, Agartala.**
BRANCH **B & R** **DIVISION :** **Tripura Central Division-I, CPWD.**

Percentage Rate Tender & Contract for Works

Tender for the work of : **C/o A-Type School Building and staff Qtrs. (T-II 04 Nos (G+1), Type-III-04 Nos. (G+1), & type-IV-01 No. (G+1) including development works at Kendriya Vidyalaya, Gokulnagar, Bishalgarh, Sipahijala, Tripura(SH:- Providing Services by deploying Manpower on contractual basis in the office of the Chief Engineer, CPWD Agartala) 3rd call.. To be submitted online by 15:00 (time) hours on 14.07.2026 to The Executive Engineer, Tripura Central Division-I, CPWD, Usha Bazar, Agartala-799009**

- (i) 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 3.30 P.M. on **14.07.2026** in the Office of **The Executive Engineer, Tripura Central Division-I, CPWD, Usha Bazar, Agartala-799009**

TENDER

I/We have read and examined the notice inviting tender, schedule, A, B, C, D ,E & F. Specifications applicable, 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 conditions of contract and all other contents in the tender document for the work.

I/We hereby tender 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 tender open for **Thirty (30) days from the date of opening of bid** and not to make any modifications in its terms & conditions.

A copy of earnest money in Receipt (i) Banker's Cheque of a Commercial Bank, (ii) Account Payee Demand Draft of a Commercial Bank (iii) Fixed Deposit Receipt (FDR) of a Commercial Bank (iv) Insurance Surety Bonds (v) Bank Guarantee (for balance amount as prescribed) from a Commercial Bank is scanned and uploaded. 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 work as specified, I/We agree that President of India or the successors in office shall without prejudice to any other right or remedy available in law, be at liberty to forfeit the said the performance guarantee absolutely. The said Performance Guarantee shall be a guarantee to execute all the works referred to in the tender documents upon the terms and conditions contained or referred to 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 & Performance Guarantee as aforesaid. I/We shall be debarred for participation in the re-tendering process of the work.

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**

Signature of the Contractor

Postal Address -----**

Telephone No.-----**

Witness: -----

**

FAX -----**

Address:-----**

E-MAIL -----*

Occupation-----**

**** To be filled 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 ₹ * _____ (Rupees * _____)

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

- (a) -----*
- (b) -----*
- (c) -----*

For & on behalf of the President of India

Signature.....*

Dated*

Designation.....*

***General Conditions of Contract for Central Public Works Department Works–2023 for Maintenance Works and copy of amendments applicable for GCC- 2023 for Maintenance Works as modified & corrected up to previous day of the last date of submission of tender**

The amendments as issued by the DG, CPWD will also form the part of the agreement, which are available on the website (<http://cpwd.govt.in>) of the CPWD and can be seen / downloaded by all.

**** Copies of all abov***

1.	<i>DG/CON/Construction 2023/09 dated 01/04/2024.</i>	<i>Modification in conditions of contract, General Condition of Contract, 2023 (Construction Work).</i>
2.	<i>DG/Enlist. Rules-2023/10 dated 22/04/2024.</i>	<i>Modification for enlistment under rule 12.0 in ER-2023.</i>
3.	<i>DG/CON/Construction 2023/10 dated 03/06/2024.</i>	<i>Modification in conditions of contract, General Condition of Contract, 2023(Construction Work).</i>
4.	<i>DG/CON/Construction 2023/11 dated 03/06/2024.</i>	<i>Modification in conditions of contract, General Condition of Contract, 2023 (Construction Work).</i>
5.	<i>DG/CON/Misc./41 dated 16/07/2024.</i>	<i>Modification in conditions of contract, General Condition of Contract, 2023(Construction Work).</i>
6.	<i>DG/CON/Construction 2023/12 dated 29/10/2024.</i>	<i>Modification in conditions of contract, General Condition of Contract, 2023(Construction Work).</i>
7.	<i>DG/CON/Construction 2023/13 dated 29/10/2024.</i>	<i>Modification in conditions of contract, Clause 10A of GCC Construction Work 2023.</i>
8.	<i>DG/CON/Construction 2023/14 dated 03/01/2025.</i>	<i>Modification in General Rules and Directions of GCC 2023 for Construction Work.</i>
9.	<i>DG/CON/Construction 2023/15 dated 31/01/2025.</i>	<i>Modification in Clause 7A of GCC 2023 for Construction Work.</i>
10.	<i>DG/CON/Construction 2023/16 dated 10/02/2025.</i>	<i>Modification in Clause 7,8,9 and Schedule F of clause 8 of GCC 2023 for Construction Work.</i>
11.	<i>DG/CON/Construction 2023/17 dated 03/03/2025.</i>	<i>Modification in Clause 14 of GCC 2023 for Construction Work 2023.</i>
12.	<i>Any other circular/OM issued up to date of submission of the bid.</i>	

**** Copies of all above circulars are to be attached with agreement.***

PERFORMANCE GUARANTEE

- (i) The contractor shall submit an irrevocable ~~Performance Guarantee~~ of the tendered amount in addition to other deposits mentioned elsewhere in the contract for his proper performance of the contract agreement, (not withstanding and/or without prejudice to any other provisions in the contract) within period specified in Schedule 'F' from the date of issue of letter of acceptance. This period can be further extended by the Engineer-in-Charge up to a maximum period as specified in schedule 'F' on written request of the contractor stating the reason for delays in procuring the Performance Guarantee, to the satisfaction of the Engineer-in-Charge. This guarantee shall be in the form of Cash (in case guarantee amount is less than ₹ 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 ₹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 form annexed hereto. In case a fixed deposit receipt of any Bank is furnished by the contractor to the Government as part of the performance guarantee and 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 forthwith on demand furnish additional security to the Government to make good the deficit.
- (ii) The Performance Guarantee shall be initially valid up to the stipulated date of completion plus 60 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.
- (iii) 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 30 days of the service of notice to this effect by Engineer-in-Charge.
- (iv) 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.
- (v) ~~On substantial Completion of any work which has been completed to such an extent that the intended purpose of the work is met and ready to use, then a provisional Completion certificate shall be recorded by the Engineer-in-Charge. The provisional certificate shall have appended with a list of outstanding balance item of work that need to be completed in accordance with the provisions of the contract. This provisional completion certificate shall be recorded by the concerned Engineer-in-Charge with the approval of Project Manager/Chief Project Manager/ Superintending Engineer. After recording of the provisional Completion Certificate for the work by the competent authority, the 80% of performance guarantee shall be returned to the contractor, without any interest.~~
- ~~However, in case of contracts involving Maintenance of building and services/ any other work after construction of same building and services/other work, then 40% of performance guarantee shall be returned to the contractor, without any interest after recording the provisional Completion certificate.~~

On non judicial stamp paper of minimum ₹ 100

(Guarantee offered by Bank to CPWD in connection with the execution of contracts)

Form of Bank Guarantee for Performance / Guarantee / Security Deposit / Mobilization advance

1. Whereas the Executive Engineer (name of division)..... , CPWD on behalf of the President of India (hereinafter called "The Government") has invited bids under(NIT number) dated for (name of work)..... The Government has further agreed to accept irrevocable Bank Guarantee for Rs (Rupeesonly) valid up to(date)* as **Earnest Money Deposit** from (name and address of contractor)..... (hereinafter called " the contractor") for compliance of his obligations in accordance with the terms and conditions of the said NIT.

OR**

Whereas the Executive Engineer (name of division)..... , CPWD on behalf of the President of India (hereinafter called "The Government") has entered into an agreement bearing number with (name and address of the contractor)..... (hereinafter "the contractor") for execution of work (name of work) The Government has further agreed to accept an irrevocable Bank Guarantee for Rs. (Rupees..... only) valid upto(date)* as **Performance Guarantee / Security Deposit / Mobilization advance** from the said Contractor for compliance of his obligations in accordance with the terms and conditions of the agreement.

2. We, (indicate the name of the bank) (herein after referred to as "the Bank"), hereby undertake to pay to the Government an amount not exceeding Rs. (Rupees..... only) on demand by the Government within 10 days of the demand.
3. We, (indicate the name of the bank), do here by undertake to pay the amount due and payable under this guarantee without any demur, 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. 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 (Rupeesonly).
4. We, (indicate the name of the bank), further undertake to pay the Government any money so demanded notwithstanding any dispute or disputes raised by the contractor in any suit or proceeding pending before any Court or Tribunal, our liability under this Bank Guarantee being absolute and unequivocal. The payment so made by us under this Bank Guarantee shall be a valid discharge of our liability for payment there under and the contractor shall have no claim against us for making such payment.
5. We, (indicate the name of the bank), further agree that the Government shall have the fullest liberty without our consent and without affecting in any manner our obligation here under to vary any of the terms and conditions of the said agreement or to extend time of performance by the said contractor 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 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 or for any forbearance, act of omission on the part of the Government or any indulgence by the Government to the said contractor 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. We, (indicate the name of the bank), further agree that the Government at its option shall be entitled to enforce this Guarantee against the Bank as a principal debtor at the first instance without proceeding against the Contractor and notwithstanding any security or other guarantee the Government may have in relation to the Contractor’s liabilities.
- 7. This guarantee will not be discharged due to the change in the constitution of the Bank or the Contractor.
- 8. We, (indicate the name of the bank), undertaken not to revoke this guarantee except with the consent of the Government in writing.
- 9. This Bank Guarantee shall be valid up to.....unless extended on demand by the Government. Notwithstanding anything mentioned above, or liability against this guarantee is restricted to Rs. (Rupees..... only) and unless a claim in writing is lodged with us within the date of expiry or extended date of expiry of this guarantee, all our liabilities under his guarantee shall stand discharged.

Date

Witness :

1. Signature
 Name and address

Authorized signatory
 Name :
 Designation :
 Staff code no.
 Bank seal :

2. Signature
 Name and address

***Date to be worked out on the basis of validity period of 90 days where only financial bids are invited and 180 days for two/three bid system from the date of submission of tender.**

****In paragraph 1, strike out the portion not applicable. Bank Guarantee will be made either for earnest money or for performance guarantee/security deposit/mobilization advance, as the case may be.**

PART "B"

SCHEDULES A to F FOR CIVIL WORK**SCHEDULE 'A'**Schedule of quantities **Page No. 90-92****SCHEDULE 'B'**

Schedule of materials to be issued to the contractor.

S. 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

S. No.	Description	Hire charges per day	Place of Issue
1	2	3	4
-----NIL-----			

SCHEDULE 'D'Extra schedule for specific requirements/document **As attached in tender form**
for the work, if any.

SCHEDULE 'E'

Reference to General Conditions of contract – GCC 2023 for Maintenance Works (as modified & corrected up to previous day of the last date of submission of tender).

Name of Work:	C/o A-Type School Building and staff Qtrs. (T-II 04 Nos (G+1), Type-III-04 Nos. (G+1), & type-IV-01 No. (G+1) including development works at Kendriya Vidyalaya, Gokulnagar, Bishalgarh, Sipahijala, Tripura(SH:- Providing Services by deploying Manpower on contractual basis in the office of the Chief Engineer, CPWD Agartala) 3rd call.
Estimated cost of the work:	₹16,91.415.00 for Civil Works.
Earnest money	₹ 33,828.00
Performance Guarantee	As per mentioned the tendered value
Security Deposit	2.5% of the tendered amount of work

SCHEDULE 'F'**GENERAL RULES & DIRECTIONS:**

Officer inviting tender	Executive Engineer, Tripura Central Division-I, CPWD, Usha Bazar, Agartala-799009 or his successor-in-charge of work
Maximum percentage of quantity of items of work to be executed beyond which rates are to be determined in accordance with Clause 12.2. & 12.3 below.	Page No 38

Definitions:

2(v) Engineer-in-Charge	Executive Engineer, Tripura Central Division-I, CPWD, Usha Bazar, Agartala-799009 or his successor-in-charge of work.
2(vii) Accepting Authority	Executive Engineer, Tripura Central Division-I, CPWD, Usha Bazar, Agartala-799009 or his successor-in-charge of work.
2(x) Percentage on cost of materials and labour to cover all overheads and profits.	7.50% No Extra overheads and profits shall be payable on the part(s) of work assigned to other agency(s) by the contractor as per terms of contract.
2(xi) Standard Schedule of Rates:	

Civil Items of Work:

D.S.R. 2023 with up to date correction slips..

xii) Department:

Central Public Works Department

9(ii) Standard CPWD contract Form:

C.P.W.D. FORM 7/8 GCC 2023 for Maintenance Works (as modified & corrected up to previous day of the last date of submission of tender).

Clause 1	i) Time allowed for submission of Performance Guarantee, Programme 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 ii) Maximum allowable extension with late fee @ 0.1% per day of Performance Guarantee amount beyond the period as provided in (i) above	07 Days 03 Days
Clause 2	Authority for fixing Compensation under Clause 2	Chief Engineer, Agartala, CPWD or his successor-in-charge of work
Clause 5	Number of days from the date of issue of letter of acceptance for reckoning date of start Mile stone(s) as per table given below :-	10 Days
Time allowed for execution of work		06 (Six) Monthss.
Authority to decide		
(i) Extension of time		Executive Engineer, Tripura Central Division-I, CPWD, Usha Bazar, Agartala-799009 or his successor-in-charge of work.
(ii) Rescheduling of mile stone		Not Applicable.
(iii) Shifting of date of start in case of delay in handing over of site		Chief Engineer, Agartala, CPWD or his successor-in-charge of work
Clause 6	Electronic Measurement Book (EMB) through CPWD ERP Portal / computerized Measurement Book (CMB)	
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	₹5.00 Lakh
Clause 7A	Whether Clause 7A shall be applicable.	Yes
Clause 10A	List of testing equipment to be provided by the contractor at site lab.	a) Balances: i) 7 kg to 10 kg capacity, semi-self-indicating type – Accuracy 10 gm.

		<p>ii) 500 gm capacity, semi-self-indicating type Accuracy 1 gm.</p> <p>iii) Pan Balance- 5 kg Capacity- Accuracy 10 gm.</p> <hr/> <p>b) Ovens- Electrically operated, thermostatically controlled up to 1100C- Sensitivity 10C.</p>
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		<p>c) Sieves: as per IS: 460</p> <p>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.</p> <p>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.</p> <p>Sieve shaker capable of 200 mm and 300 mm dia. sieves, manually operated with timing switch assembly.</p> <p>e) Equipment for slump test- slump cone, steel plate, taping rod, steel scale, scoop.</p>
		<p>d) Equipment for concrete testing</p> <p>i) Concrete cube moulds 15 x 15 x 15cm. - 18Nos.</p> <p>ii) Pruning Rods 2Kg weight length 40cm and ramming face 25mm - 1No.</p> <p>iii) Extra Bottom plates for 15cm cube mould-6Nos.</p> <p>iv) Standard Vibration table for cubes - 1No.</p> <p>v) Dial gauges 25 mm travel- 0.01mm/division Least count - 1 No.</p> <p>vi) Compression testing machine of 100 tonne capacity. - 1 No.</p>
Clause 10 B (ii)	Whether clause 10-B (ii) shall be applicable.	Not Applicable.
Clause 10 C	Component of labour expressed as percentage of value of civil work	Not Applicable.

Clause 10 CA	Payment due to variation in prices of materials after receipt of tender.	Deleted	
Materials Covered under this clause	Nearest material (other than cement, reinforcement bars and structural steel) for which All India Wholesale Price Index is to be followed	Base Price	Base Period
1. Cement (OPC grade43)	Not Applicable	-	
2. Cement (PPC)	Not Applicable	-	
3. Reinforcement bars (Fe500D or more) Primary producers	Not Applicable	-	
4. Reinforcement bars 5. (grade Fe 500D or more) Secondary producers	Not Applicable	--	
Reduction in the base price of TMT reinforcement in case to use TMT reinforcement bars procured from secondary producers		--	
*Base price excluding GST			

Clause 10 CC	Not Applicable
Schedule of component of other Materials, Labour etc. for price escalation.	
Component of civil (except materials covered under clause 10CA/Electrical construction value of work.)	--
Component of Labour – expressed as percent of total value of work.	--
Note : Xm% should be equal to (100) – (materials covered under clause 10CA i.e. Cement, Steel, POL and other material specified in clause 10CA + Component of Labour)	

Clause 11	Specification to be followed for execution of work: CPWD Specification for works-2019 Vol I & II with up to date correction slips till last date of submission of tender (Hereinafter called CPWD specifications also) and as detailed in nomenclature of items.	
Clause 12	The completion cost shall, in no case, exceed 1.5 times the contract amount.	(i) Chief Engineer, Agartala, CPWD
12.2 & 12.3	Deviation limit beyond which clause 12.2 & 12.3 shall apply for building works.	No limit. (As per DG order No DG/CON/Maintenance 2023/03 dated: 18.12.2023)
12.4 (i)	Deviation Limit beyond which clauses 12.2 & 12.3 shall apply for foundation work (except items mentioned in earth work subhead in DSR and related items)	
(ii)	Deviation Limit for items mentioned in earth work Subhead of DSR or related items	

Clause 16	Competent Authority for Deciding reduced rates:	
	For Civil items of work	Chief Engineer, Agartala, CPWD Or his successor-in-charge of work for deciding reduced rate upto 5% of Tender Amount.
	For Civil items of work	Chief Engineer, Agartala, CPWD Or his successor-in-charge of work for deciding reduced rate more than 5% of Tender Amount.
Clause 18	List of mandatory machinery, tools & plants to be deployed by the contractor at site.	As per Page No. 86 of this document
Clause 19 C	Chief Engineer, Agartala, CPWD or his successor-in-charge of work	
Clause 19D	Chief Engineer, Agartala, CPWD or his successor-in-charge of work	
Clause 19G	Chief Engineer, Agartala, CPWD or his successor-in-charge of work	
Clause 19K	Chief Engineer, Agartala, CPWD or his successor-in-charge of work	

Clause 25 –Dispute Redressal Committee (DRC) shall contain the following officers :-		
1.	Conciliator	ADG, Guwahati
2.	Arbitrator Appointing Authority	Chief Engineer, Agartala
3.	Palce of Arbitration	Agartala

Clause 32: Requirement of Technical Representative(s) & recovery Rate:

Sl. No-	Requirement of Technical		Minimum Experience (Years)	Designation Technical staff	Rate at which recovery shall be made from the contractor in the event of not fulfilling
	Qualification	Number (of Major + Minor component)			
1.	Graduate Engineer or Diploma Engineer	1 of major component	2 or 5 respectively	Project Manager cum planning/ quality/Site/ billing Engineer	₹-15,000/- per month per person

Assistant Engineers retired from Government services that are holding Diploma will be treated at par with Graduate Engineers.

Diploma holder with minimum 10 years relevant experience with a reputed construction co. can be treated at par with Graduate Engineers for the purpose of such deployment subject to the condition that such diploma holders should not exceed 50% of requirement of degree engineers.

Clause 38

- i) a) Schedule/ statement for determining theoretical quantity of cement & bitumen on the basis of **Delhi Schedule of Rates 2023 printed by CPWD** **D.S.R. 2023 & D.A.R 2023 with up to date correction slips.**
- ii) **Variations permissible on theoretical quantities**
- a) Cement for works with estimated cost put to tender not more than ₹ 25 lakhs. **3% plus/minus**
For works with estimated cost put to Tender is more than ₹ 25 lakhs. **2% plus/minus**
- b) Bitumen all works **2.5% plus only & nil on minus side.**
- c) Steel reinforcement and structural steel Sections for diameter, section and category. **2% plus/minus.**
- d) 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 beyond permissible variation	Less use beyond permissible variation
1	Cement (OPC)	-	Not allowed
2	Steel Reinforcement (TMT Bar Fe 500D)	-	Not allowed

GENERAL CONDITIONS

1. In the event of the tender being submitted by a firm, it must be signed separately by each partner thereof or in the event of the absence of any partner, it must be signed on his behalf by a person holding a power holding a power-of attorney authorizing him to do so, such power of attorney to be produced with the tender, and it must disclose that the firm is duly registered under the Indian Partnership Act, 1932.
2. The receipt of an accountant or clerk for any money paid by the contractor will not be considered as any acknowledgment or payment to the officer inviting tender and the contractor shall be responsible for seeing that he procures a receipt signed by the officer inviting tender or a duly authorized Cashier.
3. The contractor shall comply with the provisions of the Apprentices Act 1961, and the rules and orders issued there under from time to time. If he fails to do so, his failure will be a breach of the contract and the Superintending Engineer/Executive Engineer may in his discretion, without prejudice to any other right or remedy available in law, cancel the contract. The contractor shall also be liable for any pecuniary liability arising on account of any violation by him of the provisions of the said Act.
4. The work in general shall be carried out in accordance with the **CPWD Specifications for works-2019 Vol. I & II** with upto date correction slips, hereinafter referred as CPWD Specifications.
5. The structural and architectural drawings shall at all times be properly correlated before executing any work. However, in case of any discrepancy in the item given in the schedule of quantities appended with the tender and architectural drawings relating to the relevant item, the former shall prevail unless and otherwise given in writing by the Engineer-in-Charge.
6. The tenderer shall study carefully, the drawings, specifications, schedule of quantities and conditions of the tender documents to fully appreciate the scope of work before quoting his rates.
7. The contractors are advised to get acquainted with the proposed work and its site and also study the Architectural Drawings, specifications and special conditions carefully before tendering. No claim of any sort shall be entertained on account of any site conditions and ignorance of specifications and special conditions.
8. The civil work shall be carried out as per **CPWD specifications for works-2019 Vol. I & II** with up to date correction slips unless otherwise specified in the nomenclature of individual item or in the specifications and special conditions, where specifications are silent, the decision of Engineer-in-Charge shall be final and binding on contractors. Road work shall be executed as per latest MORTH specifications.
9. The rates quoted by the contractor shall be taken as net and nothing extra shall be paid on any account i.e. royalty, cartage, GST and stacking at required places & working in restricted area etc.
10. The rates for different items of work shall apply for all heights and depths, leads and lifts unless otherwise specified in the agreement or specifications applicable to the agreement.
11. Any damage done by the contractor to any existing work during the course of execution of the work shall be made good by him at his own cost.
12. Articles manufactured by the reputed firms and approved by Engineer-in-Charge shall only be used. Only articles classified, as 'first quality' by the manufacturer shall be used unless otherwise specified. In case articles bearing ISI certification are not available in the market, quality of samples brought by the contractor shall be judged by standards laid down in the relevant CPWD specifications. For the items not covered by CPWD specifications relevant BIS

standards shall apply. The sample of materials to be brought to site for use in work shall be got approved from the Engineer-in-Charge before actual execution of work.

13. Samples of materials required for testing shall be provided free of cost by the contractor. **All expenditure for testing to be incurred for testing of samples e.g. packaging, sealing, transportation, loading, unloading etc. including testing charges shall be borne by the contractor.**
14. The quantities of each item shall not be exceeded beyond the agreement quantities without prior permission of Engineer-in-Charge.
15. Income tax as per Income tax rules, GST as per rules, 1% Labour cess and 1% water charges (if departmental water used) will be recovered from the gross amount of the bill.
16. Contractor is to make own arrangement of electricity as department is obliged to provide electricity, However if departmental electricity is used then 1% electricity charges will be recovered from the gross amount of work done but the contractor shall arrange the necessary electrical fittings and cables etc. for taking the electrical power from nearest electrical point to the work site at his own cost.
17. All types of mortars to be used in the work shall be mixed in the mechanical mixer and hand mixing shall not be permitted.
18. The contractor shall make his own arrangement for getting the permission to ply the trucks from the traffic police or any other authority in this regard. .
19. No payment shall be made to the contractor for any damage caused by rain, snow fall, floods or any other natural causes whatsoever during the execution of work. The damage caused to work shall have to be made good by the contractor at his own cost and no claim on this account shall be entertained.
20. Other agencies may also simultaneously be executing the work of electrification, Horticulture or external services and other building works for the same building along with this work. The contractor shall afford necessary facilities for the same and no claim in the matter shall be entertained. The contractor shall especially co-ordinate with the other agency carrying out his work.
21. Some restrictions may be imposed by the security staff etc. on the working and or movement of labour and materials, etc, the contractor shall be bound to follow all such restrictions / instructions and nothing shall be payable on this account.
22. The contractor shall take all precautions to avoid accidents by exhibiting necessary caution boards. He shall be responsible for all damages and accidents caused due to negligence on his part. No hindrance shall be caused to traffic during the execution of the work by storing materials on the road, VIP's corridor extra.
23. The contractor shall be fully responsible for the safe custody of the material issued or brought by him to site for doing the work.
24. **Testing of materials: -**
Samples of various materials required for testing shall be provided free of cost by the contractor unless otherwise specified in the item. Testing charges, if any, shall be borne by the contractor. All other expenditures required to be incurred for taking the samples, conveyance, packing etc. shall be borne by the contractor himself.
25. The rate for all items of work, shall unless otherwise clearly specified include cost of all labour, material and other inputs involved in the execution of the items.
26. The order of preference in case of any discrepancy as indicated in condition no. 8.1 under "Conditions of Contract" given in the **General Conditions of contract for Central P.W.D**

Maintenance Work 2023 (as modified & corrected up to previous day of the last date of submission of tender) form may be read as the following.

- a) Nomenclature of item as per Schedule of Quantities.
- b) Particular specifications.
- c) Special conditions.
- d) Additional conditions.
- e) General Conditions.
- f) Tender Drawings attached.
- g) CPWD Specifications as applicable.
- h) Contract Clauses of **General Conditions of contract for Central P.W.D Maintenance Work (as modified & corrected up to previous day of the last date of submission of tender) form.**
- i) Architectural/structural drawings and specifications mentioned in drawings.
- j) Indian Standard Specifications of BIS.
- k) Manufacturers specifications.
- l) Sound engineering practice as per directions of the Engineer-in-Charge.

Any reference made to any Indian Standard Specifications and other specifications mentioned in the respective items in these documents, shall imply to the latest version of that standard, including such revisions / amendments as issued by the Bureau of Indian Standards up to last date of receipt of tenders. The contractor shall keep at his own cost all such publications of relevant Indian Standards applicable to the work at site.

27. The contractor will not have any claim in case of any delay by the Engineer-in-Charge 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.
 28. The malba /garbage generated at site due to construction activities shall be removed from the site immediately & shall be disposed off by the contractor to the approved dumping site identified by the Engineer-in-charge. The surplus soil/earth shall be disposed of as per the directions of Engineer-in-charge separately.
 29. The contractor shall clean the site thoroughly of scaffolding materials, rubbish, equipments left out of his work and dress the site around the building to the complete satisfaction of the Engineer-in-charge before the work is treated as completed.
 30. **Maintenance of Register of Tests-** All the registers of tests carried out at Construction Site or in outside laboratories shall be maintained by the contractor which shall be issued to the contractor by Engineer-in-Charge.
 31. **Maintenance of Material at Site (MAS) Register-** All the MAS Registers including Cement and Steel Registers shall be maintained by Contractor which shall be issued to the contractor by Engineer-in-Charge.
 32. Contractor shall be responsible for safe custody of all the test registers.
 33. Contractor shall provide permanent bench marks and other reference points for the proper execution of work and these shall be preserved till the end of work. All such reference points shall be in relation to the levels and locations, given in the Architectural and plumbing drawings
 34. The contractor shall fully comply with all legal orders and directions of the Public or local authorities or municipality and adhere by their rules and regulations and pay all fees and charges for which he may be liable in this regard. Nothing extra shall be paid/reimbursed for the same.
- Correction = NIL, Insertion= NIL, Overwriting= NIL, Deletion= NIL, Sr D Man AE(P), EE (Civil),

35. The building work shall be carried out in the manner complying in all respects with the requirements of the relevant bylaws and regulations of the local body under the jurisdiction of which the work is to be executed or as directed by the Engineer-in-charge and nothing extra shall be paid on this account.
36. The contractor shall give a performance test of the entire installation(s) as per standing specifications before the work is finally accepted by making his own arrangements for water supply, electricity etc. and nothing extra whatsoever shall be payable for the same.
37. It shall be ensured by the contractor that no electric live wire is left exposed or unattended to avoid any accidents in this regard.
38. The structural and architectural drawings shall at all times be properly co-related before executing any work. However, in case of any discrepancy in the item given in the schedule of quantities appended with the tender and Architectural drawings relating to the relevant item, the former shall prevail unless otherwise given in writing by the Engineer-in-charge.
39. The contractor shall maintain in perfect condition, all portions executed till completion of the entire work allotted to him. Where however phased delivery of work is contemplated these provisions shall apply separately to each phase.
40. The entire royalty at the prevalent rates shall have to be paid by the contractor on all the boulders, metals, shingle sand etc. collected by him for execution of the work, directly to the Revenue authority or authorized agents of the State Government concerned or the Central Government, as the case may be.
41. Existing drains, pipes, cables, over-head wires, sewer lines, water lines and similar services encountered in the course of the execution of work shall be protected against the damage by the contractor at his own expense. 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.
42. The contractor shall be responsible for the watch and ward/guard of the buildings, safety of all fittings and fixtures including sanitary and water supply fittings and fixtures provided by him against pilferage and breakage during the period of installations and thereafter till the building is physically handed over to the department. No extra payment shall be made on this account.
43. The contractor shall bear all incidental charges for cartage, storage and safe custody of materials issued by department.
44. Any cement slurry added over base surface for continuation of concreting for better bond is deemed to have been built in the items and nothing extra shall be payable for extra cement considered in consumption on this account.
45. The contractor shall take instructions from the Engineer-in-charge for stacking of materials. No excavated earth or building materials etc. shall be stacked/collected in areas where other buildings, roads, services, compound walls etc. are to be constructed.
46. Any trenching and digging for laying sewer lines/water lines/cables etc. shall be commenced by the contractor only when all men, machinery's and materials have been arranged and closing of the trench(s) thereafter shall be ensured within the least possible time.
47. The works shall be carried out in accordance with the Architectural drawings and structural drawings, to be issued from time to time by the Engineer-in-Charge. Before commencement of any item of work, the contractor shall correlate all the relevant architectural and structural drawings issued for the work and satisfy himself that the information available thereof is complete and unambiguous. The discrepancy, if any, shall be brought to the notice of the Engineer-in-Charge before execution of the work. The contractor alone shall be responsible for any loss or damage executing by the commencement of work on the basis of any erroneous and or incomplete information.

48. All Architectural drawings given in the tender other than those indicated in nomenclature of items are only indicative of the nature of the work and materials/fixings involved unless and otherwise specifically mentioned. However, the work shall be executed in accordance with the drawings duly approved by the Engineer-in-Charge.
49. On completion of work, the contractor shall submit at his own cost soft and hard four prints in A2 size of “as built” drawings to the Engineer-in-Charge within 30 days of completion of work. These drawings shall have the following information:
 1. Route of all piping and their diameters including soil waste pipes & vertical stacks.
 2. Ground and invert levels of all drainage pipes together with locations of all manholes and connections upto outfall.
 3. Route of all water supply lines with diameters, location of control valves, access panels etc.

ADDITIONAL CONDITIONS

1. The contractor shall prepare one sample of all items which should be got approved from the Engineer-in-Charge. Only on acceptance of sample work, contractor will be allowed to commence the work and sample is to be preserved by contractor till the whole work is completed. The quality of work should be as per approved samples.
2. The contractor and/ or his authorized representative should inspect the site order book every day and got the compliance noted by the JE/ AE/ Engineer-in-Charge.
3. If the work is carried out in more than one shift or during night, no claim on this account shall be entertained.
4. The dismantling wherever required shall be done in a manner so that no other portions of the building or its fixtures are damaged. If any damage is done to the building it shall be made good by the contractor at his own cost and no claim whatsoever shall be entertained on this account.
5. The rates for all items of work shall (Unless clearly specified) include the cost of all labour material and other aspects involved in the execution of work.
6. Due to Security reason the contractor shall have to arrange time table of labour according to the requirement of security staff and the instructions of the Engineer-in-Charge. The contractor should see the site before tendering.
7. In the event of any restrictions being imposed by the Security agency, CPWD, Traffic or any other authority having jurisdiction in the area on the working or movement of labour /material, the contractor shall strictly follow such restrictions and nothing extra shall be payable to the contractor on this account. The loss of time on this account, if any, shall have to be made up by generating additional resources etc. General Security restrictions are given as under:
 - (i) Due to the site restrictions, there is no possibility for labour huts to be erected at site.
 - (ii) The laborers / staff should not be changed too frequently once the verification of the character and antecedents is done.
 - (iii) As and when there will be security requirements, certain additional restriction (s) can be imposed as per the requirement of the situation.
 - (iv) No claim whatsoever will be entertained by the department on account of any restriction (s) imposed by the security agencies in execution of work.
8. The contractor shall make his own arrangement for getting the permission to ply the trucks from the traffic police or any other authority.
9. The contractor shall be responsible for behavior and conduct of his worker. No worker with doubtful integrity or having a bad record shall be engaged by the contractor.
10. Contractor has to associated specialized agencies for specialized items of works i.e. water proofing, aluminum works, structural glazing, SS railing. Only those specialized agencies/firms who have satisfactorily executed works as per following criteria during last seven years are eligible for the specialized works:
 - (i) One work of 80% of Item.
 - (ii) Two work of 60% of Item.
 - (iii) Three work of 40% of Item.

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 submission of bid.

11. Contractor has to deploy required plant and machinery on the project. Minimum number of plant and machinery to be deployed by him is indicated at **Page No. 86**. In case the contractor fails to deploy the plant and machinery whenever required and as per the direction of the Engineer-in-charge, he (Engineer-in-charge) shall be at a liberty to get the same deployed at the risk and cost of the contractor.
12. Contractor has to provide reinforcement cover blocks made of approved proprietary pre packed free flowing mortars (Conbextra as manufactured by M/s Fosroc Chemical India Ltd. or equivalent as approved) of high early strength.
13. Every precaution must be taken to see that the furniture/ furnishing is properly covered with tarpaulin etc. If necessary, furniture / furnishing shall be removed from the site while carrying out the repair washing work in that case furniture/ furnishing will be placed back.
14. Defective work, sub-standard work or work not done according to the specifications of the contract shall be liable for summarily rejection and shall not be measured and paid for. This shall be without prejudice to taking any other action against the contractor in accordance with the other terms and conditions of the contract.
15. The agency can be asked to submit documentary proof of procurement from the mentioned agencies i.e. Bill/ Invoice etc.

16. Quality Assurance

- 16.1 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 programme within two weeks of the award of work. The quality assurance programme should include method statement for various items of work to be executed along with check lists to enforce quality control.
- 16.2 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.
- 16.3 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.

16.4 Test Laboratories:

A) Laboratory at site:

The contractor shall establish a testing lab at site and provide testing equipment and materials for the field tests mentioned in the list of mandatory tests given in **CPWD specifications 2019** Vol. 1 & 2. Nothing extra shall be payable to him on this account.

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.

Not less than 90% tests for material be performed at site lab with above stated equipment's, however 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.

B) Other Laboratories:

- B1** The contractor shall arrange carrying out all tests required under the agreement through the laboratory as approved by the Engineer-in-Charge and **all expenditure for testing to be incurred for testing of samples e.g. packaging, sealing, transportation, loading, unloading etc. including testing charges shall be borne by the contractor.**
- B2** If the tests, which were to be conducted in the site laboratory are conducted in other laboratories for any the reasons, the cost of such tests shall be borne by the contractor.

16.5 Sampling of Materials:

- 16.5.1 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.
- 16.5.2 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.
- 16.5.3 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 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.
- 16.5.4 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.
- 16.5.5 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.
- 16.5.6 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.
- 17 The rate of items of flooring is inclusive of providing sunk flooring at bath rooms kitchen etc. and nothing extra on this account is admissible.
- 18 Separate cement registers showing the receipt of the OPC and PPC shall be maintained at site. The contractor shall construct separate godowns for storage of OPC & PPC at site and nothing extra on this account shall be payable.
- 19 In case there is any discrepancy in frequency of testing as given in the list of mandatory tests and that in the individual sub-head of work as per **CPWD specification 2019** Vol. 1 & 2 the higher of the two frequencies of testing shall be adopted.
- 20 The contractor shall have the responsibility for Preparation and submission (in required format) all Drawings and documentations to Local Body Authorities and obtaining approval/No-objection Certificate for the Project if required from :
- (i) Respective local Municipal Corporation/Block Office/Panchayat.
 - (ii) Respective local Fire & Emergency Services.

- (iii) Civil Aviation/Airports Authority of India (if required).
and/or any other Authorities deemed necessary.

Preliminary Architectural Drawings will be given by the department.

- 21 In case of boundary wall, retaining wall etc. wherever there is level difference in Ground Level, the higher level will be considered as Ground Level for distinguishing the foundation work & super structure work.
- 22 It is mandatory for contractor to construct, a well furnished masonry site office of size 15 feet x 12 feet and a rest room of size 12 feet x 10 feet with attached toilet, furnished (as mentioned below) with 24 x 7 electricity supply with provision of generator & inverter-cum-battery, within one month from date of issue of letter for commencement of work, non-compliance of which will invite a penalty of ₹ 2000.00 per day against contractor. No payment on this account shall be made to the Agency.
- Furniture :** 1 (One) No. Almirah of size 6 feet x 3 feet, 12 (Twelve) Table of size 4 feet x 2.5 feet, 10 (Ten) Nos. Chairs, 01 No. Double Bed with Mattress & Bed sheet.
- 23 It is mandatory for contractor to provide shuttering & go for concreting in following manner :-
- (a) Contractor must have shuttering for atleast one-third of total footings & pedestal for each block to ensure RCC casting of these footings and pedestal in one go.
 - (b) Contractor must have shuttering for atleast one-third of total columns for one floor of each block to ensure RCC casting of these columns in one go.
 - (c) Contractor must have 100% shuttering for beams & slab for one floor of each block to ensure RCC casting of one floor slab & beam in one go.
- 25 In footing lapping of reinforcement is not allowed.

**Special Conditions to comply directives of Hon'ble National Green Tribunal and
EIA Guidance Manual**

1. The contractor shall not store/dump construction material or debris on metalled road.
2. The contractor shall get prior approval from Engineer-in-Charge for the area where the construction material or debris can be stored beyond the metalled road. This area shall not cause any obstruction to the free flow of traffic/inconvenience to the pedestrians. It should be ensured by the contractor that no accidents occur on account of such permissible storage.
3. The contractor shall take appropriate protection measures like raising wind breakers of appropriate height on all sides of the plot/area using CGI sheets or plastic and /or other similar material to ensure that no construction material dust fly outside the plot area.
4. The contractor shall ensure that all the trucks or vehicles of any kind which are used for construction purposes/or are carrying construction material like cement, sand and other allied material are fully covered. The contractor shall take every necessary precaution that the vehicles are properly cleaned and dust free to ensure that enroute their destination, the dust, sand or any other particles are not released in air/contaminate air.
5. The contractor shall provide mask to every worker working on the construction site and involved in loading, unloading and carriage of construction material and construction debris to prevent inhalation of dust particles.
6. The contractor shall provide all medical help, investigation and treatment to the workers involved in the construction of building and carry of construction material and debris relatable to dust emission.
7. The contractor shall ensure that C&D waste is transported to the C & D Waste site only and due record shall be maintained by the contractor.
8. The contractor shall compulsory use of wet jet in grinding and stone cutting.
9. The contractor shall comply all the preventive and protective environmental steps as stated in the MoEF guidelines, 2010.
10. The contractor shall carry out on-Road- Inspection for black smoke generating machinery. The contractor shall use cleaner fuel.
11. The contractor shall ensure that all DG sets comply emission norms notified by MoEF.
12. The contractor shall use vehicles having pollution under control certificate. The emissions can be reduced by a large extent by reducing the speed of a vehicle to 20 kmph. Speed bumps shall be used to ensure speed reduction. In cases where speed reduction cannot effectively reduce fugitive dust, the contractor shall divert traffic to nearby paved areas.
13. The contractor shall ensure that the construction material is covered by tarpaulin. The contractor shall take all other precaution to ensure that no dust particles are permitted to pollute air quality as a result of such storage.
14. The paving of the path for plying of vehicles carrying construction material is more permanent solution to dust control and suitable for longer duration projects. The NIT approving authority shall carry out cost benefit ratio analysis of the same.

SPECIAL CONDITIONS**GENERAL**

- 1.0 The Contractors are advised to inspect and examine the site and its surroundings and satisfy themselves with the nature of site, the means of access to the site, the constraints of space for stacking material / machinery, labour etc. constraints put by local regulations, if any, weather conditions at site, general ground / subsoil conditions etc. or any other circumstances which may affect or influence their tenders. The Contractor shall carry out survey of the work area, at his own cost, setting out the layout and fixing of alignment of the building as per architectural and Structural drawings in consultation with the Engineer-in-Charge. Any discrepancy between the architectural drawings and actual layout at site shall be brought to the notice of the Engineer-in-charge. It shall be responsibility of the Contractor to ensure correct setting out of alignment. Nothing extra shall be payable on this account. No claims, whatsoever, shall be entertained at a later date for any errors found, on plea that the information supplied by the Department in the tender is insufficient or is at variance with the actual site conditions.
- 1.1 The Contractor shall, if required by him, before submission of the tender, inspect the drawings in the Office of the Executive Engineer concerned. Department shall not bear any responsibility for the lack of knowledge and also the consequences, thereof to the Contractor. The information and data shown in the drawings and mentioned in the tender documents have been furnished, in good faith, for general information and guidance only. The Engineer-in-Charge, in no case, shall be held responsible for the accuracy thereof and/or interpretations or conclusions drawn there from by the Contractor and all consequences shall be borne by the Contractor. No claim, whatsoever, shall be entertained from the Contractor, if the data or information furnished in tender document is different or in-correct otherwise or actual working drawings are at variance with the drawings available for inspection or attached to the tender documents. It is presumed that the Contractor shall satisfy himself for all possible contingencies, incidental charges, wastages, bottlenecks etc. likely during execution of work and acts of coordination, which may be required between different agencies. Nothing extra shall be payable on this account.
- 1.2 The nomenclature of the item given in the schedule of quantities gives in general of the work content but is not exhaustive i.e. does not mention all the incidental works required to be carried out for complete execution of the item of work. The work shall be carried out, all in accordance with true intent and meaning of the specifications and the drawings taken together, regardless of whether the same may or may not be particularly shown on the drawings and/or described in the specifications, provided that the same can be reasonably inferred there from may be several incidental works, which are not mentioned in the nomenclature of each item but will be necessary to complete the item in all respect. All these incidental works / costs which are not mentioned in item nomenclature but are necessary to complete the item shall be deemed to have been included in the rates quoted by the contractor for various items in the schedule of quantities. No adjustment of rates shall be made for any variation in quantum of incidental works due to variation / change in actual working drawings. Also, no adjustment of rates shall be made due to any change in incidental works or any other deviation in such element of work (which is incidental to the items of work and are necessary to complete such items in all respects) on account of the directions of Engineer-in-Charge. Nothing extra shall be payable on this account.
- 1.3 The contractor(s) shall give to the local body, police and other authorities all necessary notices etc. that may be required by law and obtain all requisite licenses for temporary obstructions, enclosures etc. and pay all fee, taxes and charges which may be leviable on account of these operations in executing the contract. He shall make good any damage to the adjoining property whether public or private and shall supply and maintain lights either for illumination or for cautioning the public at night.

- 1.4 The contractor(s) shall execute the work simultaneously at all sites. He has to establish site office along with all necessary arrangements at all sites simultaneously.
- 1.5 The contractor(s) shall cordon off the area suitably so that the other buildings/ offices remains functional during execution of the work.
- 1.6 Staff/labour shall be deployed for each site of work independently by the contractor.

BY-LAWS AND REGULATIONS

All work shall conform to the statutory Bye-laws and Regulations of the concerned authority/Municipality, Fire Services as applicable to the Project. If the tender specifications and drawings are more stringent than required as per the Local Authorities then the tender specifications and drawings shall be followed. In the other case, if the local authorities more stringent specifications than those specified in the tender specifications, then the set by-laws and regulations shall be followed at no extra cost.

Proper temporary barricading by fencing with G.I. sheets, shall be carried out by the Contractor at the start of work to physically define the boundaries of the plot for restricted entry to only those involved in the work and also to prevent any accidents, at the same time without causing any inconvenience to the traffic and the users of the buildings in the adjacent plots. It shall be done by providing, erecting, maintaining temporary protective barricading of minimum 2.0 metres in height, made in panels, with each panel having MS frames / MS scaffolding pipes of suitable size and stiffness, with 24 gauge thick GI corrugated sheet or suitably stiffened plain GI sheet fixed on frames. Such panels shall be suitably connected to each other for stability with nuts and bolts, hooks, clamps etc. and fixed firmly to the ground at about 2 metres spacing, for the entire duration till completion of the work. He shall also provide and erect temporary protective barricades within the plot, if required, to prevent any accident. Temporary protective roofing near the Entrance to the building, under construction, shall be made to protect the visiting officials from getting hurt by falling debris etc. Also, one or more coat of enamel paint of shade as approved and directed by the Engineer-in-Charge shall be applied on the panels and "CPWD" shall be painted over that in suitable sizes, shapes and numbers as directed by the Engineer-in-Charge. It shall be dismantled and taken away by the Contractor after the completion of work at his own cost with the approval of the Engineer-in- Charge. Nothing extra shall be payable on this account, unless otherwise specified.

- 1.7 The Contractor(s) shall take all precautions to avoid accidents by exhibiting necessary caution boards day and night. In case of any accident of labours/ contractual staffs the entire responsibility will rest on the part of the contractor and any compensation under such circumstances, if becomes payable, shall be entirely borne by the contractor.
- 1.8 The work shall generally be carried out in accordance with the “CPWD Specifications 2019 Vol. I & II” with correction slips issued upto the last date of submission of tender, additional/Particular Specifications, architectural/Structural drawings, mechanical, electrical, plumbing and as per instructions of Engineer-in-Charge. Any additional item of the work, if taken up subsequently, shall also confirm to the relevant CPWD specifications as mentioned above.
- 1.9 The several documents forming the tender are to be taken as mutually complementary to one another. Detailed drawings shall be followed in preference to small scale drawings and figured dimensions in preference to scale dimensions.
- 1.10 The works to be governed by this contract shall cover delivery and transportation up to destination, safe custody at site, insurance, erection, testing and commissioning of the entire works.

The works to be undertaken by the contractor shall inter-alia include the following:

- (i) Preparation of detailed SHOP drawings and AS BUILT drawings wherever applicable.
 - (ii) Obtaining of Statutory permissions where-ever applicable and required.
 - (iii) Pre-commissioning tests as per relevant standard specifications, code of practice, Acts and Rules wherever required.
 - (iv) Warranty obligation for the equipments and / or fittings/fixtures supplied by the contractor. Contractor shall provide all the shop drawings or layout drawings for all the co-ordinated services before starting any work or placing any order of any of the services etc. These shop drawings/layout drawings shall be got approved from Engineer-in-charge before implementation and this shall be binding on the contractor. The contractor shall submit material submittals along with material sample for approval of Engineer-in-Charge prior to delivery of material at site.
- 1.11 The work shall be carried out in accordance with the approved architectural drawings, structural drawings, MEP services drawings to be issued from time to time, by the Engineer-in-Charge, and approved shop drawings prepared by the Contractor. Before commencement of any item of work the contractor shall correlate all the relevant architectural and structural drawings, nomenclature of items and specifications etc. issued for the work and satisfy himself that the information available from there is complete and unambiguous. The figure and written dimension of the drawings shall be superseding the measurement by scale. The discrepancy, if any, shall be brought to the notice of the Engineer-in-charge before execution of the work. The contractor alone shall be responsible for any loss or damage occurring by the commencement of work on the basis of any erroneous and or incomplete information and no claim whatsoever shall be entertained by the department on this account.
- 1.12 Unless otherwise provided in the Schedule of quantities the rates tendered by the contractor shall be all inclusive and shall apply to all heights, lifts, leads and depths of the building and nothing extra shall be payable to him on this account.
- 1.13 The Contractor(s) shall take instructions from the Engineer-in-Charge regarding collection and stacking of materials at any place. No excavated earth or building rubbish shall be stacked on areas where other buildings, roads, services and compound walls are to be constructed. The stacking shall take place as per stacking plan however, if any change is required, the same shall be done with the approval of Engineer-in-Charge.
- 1.14 The contractor shall engage specialized agency for carrying out specialized items as listed in **para 1.47 below**, covered in of the schedule of Quantity Immediately after award of work, the contractor shall submit for the approval of NIT approving authority, the name of the agency along with their working experience and credentials, presentation on method statement and materials being used for execution of such items etc. Delay on the part of contractor in submitting the proposal for approval of competent authority shall be his responsibility and no extension of time shall the granted on this account.
- 1.15 The Contractor shall bear all incidental charges for cartage, storage and safe custody of materials, if any, issued by department as well as to those materials also arranged by the contractor.
- 1.16 Any cement slurry added over base surface (or) for continuation of concreting for better bond is deemed to have been built in the items and nothing extra shall be payable or extra cement considered in consumption on this account.

- 1.17 The contractor shall give performance test of the entire installation(s) as per the specifications in the presence of the Engineer-in-charge or his authorized representative before the work is finally accepted and nothing extra what-so-ever shall be payable to the contractor for such test.
- 1.18 Water tanks, taps, sanitary, water supply & drainage pipes, fittings & accessories should conform to bye-laws of local body/corporation, where CPWD specifications are not available. The Contractor should engage approved, licensed plumbers for the work and get the materials (fixtures/fittings) tested, by the municipal Body/ Corporation authorities wherever required at his own cost. The Contractor shall submit for the approval of the NIT approving authority, the name of the plumbing agency (along with their working experience in recent past) proposed to be engaged by him.
- 1.19 The contractor shall make his own arrangements for water and for obtaining electric connections if required and make necessary payments directly to the State Govt. departments concerned. Contractor shall get the water tested from laboratory approved by the Engineer-in-charge at regular interval as per the **CPWD Specifications 2019**. All expenses towards collection of samples, packing, transportation etc. shall be borne by the contractor. Agency shall neither be allowed to use existing bore well, if any. They may have to arrange water through tankers from any outside source after taking due permission from concerned authority.

1.20 PREVENTION OF NUISANCE AND POLLUTION CONTROL

The contractor shall take all necessary precautions to prevent any nuisance or inconvenience to the owners, tenants or occupiers of adjacent properties and to the public in general and to prevent any damage to such properties from pollutants like smoke, dust, noise. The contractor shall use such methodology and equipment so as to cause minimum environmental pollution of any kind during and minimum hindrance to road users and to occupants of the adjacent properties or other services running adjacent/near vicinity. The contractor shall make good at his cost and to the satisfaction of the Engineer-in-Charge, any damage to roads, paths, cross drainage works or public or private property whatsoever caused due to the execution of the work or by traffic brought thereon by the contractor. All waste or superfluous materials shall be carried away by the contractor, without any reservation, entirely to the satisfaction of the Engineer-in-Charge.

- 1.21 Utmost care shall be taken to keep the noise level to the barest minimum so that no disturbance as far as possible is caused to the nearby occupants/users of building(s), if any.

1.22 SECURITY AND TRAFFIC ARRANGEMENTS

In the event of any restrictions being imposed by the Security agency, CPWD, Traffic or any other authority having jurisdiction in the area on the working or movement of labour /material, the contractor shall strictly follow such restrictions and nothing extra shall be payable to the contractor on such accounts. The loss of time on these accounts, if any, shall have to be made up by augmenting additional resources whatever required.

- 1.23 If as per the rules of the local authority, the huts for labour are not to be erected at the site of work by the contractors, the contractors are required to provide such accommodation as is acceptable to local bodies and nothing extra shall be paid on this account. No accommodation is available at the site of work. The labour huts shall not be erected on the plot and the Contractor shall make his own arrangements to provide such accommodation as per the rules of the local bodies. He shall make his own arrangements for stores, field office etc. Before tendering, he shall visit the site and assess the manner in which he is able to arrange the above facilities. The Engineer-in-Charge shall in no way be responsible for any delay on this account and no claim, whatsoever, on this account shall be entertained.

- 1.24 No payment shall be made for any damage caused by rain, snowfall, flood or any other natural calamity, whatsoever during the execution of the work. The contractor shall be fully responsible for any damage to the govt. property and the work for which payment has been advanced to him under the contract and he shall make good the same at his risk and cost. The contractor shall be fully responsible for safety and security of his material, T&P/Machinery brought to the site by him.
- 1.25 The contractor shall construct suitable godowns, yard at the site of work for storing all other materials so as to be safe against damage by sun, rain, damages, fire, theft etc. at his own cost and also employ necessary watch and ward establishment for the purpose at his cost.
- 1.26 All materials obtained from contractor shall be got checked by the representative of Engineer-in-Charge on receipt of the same at site before use.
- 1.27 Royalty at the prevalent rates shall have to be paid by the contractor on all the boulders, metals, shingle sand and bajri etc. collected by him for the execution of the work, direct to the Revenue authority or authorized agent of the State Government concerned or Central Government.
- 1.28 The contractor shall be responsible for the watch and ward/guard of the buildings, safety of all fittings and fixtures including all equipments, services provided by him against pilferage and breakage during the period of Installations and thereafter till the building is physically handed over to the Central Public Works Department, the User/Client Department. No extra payment shall be made on this account and no claim shall be admissible on this account.
- 1.29 The Contractor shall keep himself fully informed of all acts and laws of the Central & State Governments, all orders, decrees of statutory bodies, tribunals having any jurisdiction or authority, which in any manner may affect those engaged or employed and anything related to carrying out the work. All the rules & regulations and bye-laws laid down by Collector / Local Authority / Municipal Corporation and any other statutory bodies shall be adhered to, by the contractor, during the execution of work. The Contractor shall also adhere to all traffic restrictions notified by the local authorities. The extra sewerage charges (one time charges for commencement of work) required to be paid to the Municipal Corporation/ other statutory bodies shall be paid by the department and need not be considered by the contractor. All statutory taxes, levies, charges (including water and sewerage charges, charges for temporary service connections and / or any other charges) payable to such authorities for carrying out the work, shall be borne by the Contractor. The water charges (for municipal water connection as well as tanker water) shall be borne by the contractor. Also, if the contractor obtains water connection for the drinking purposes from the municipal authorities or any other statutory body, the consequent sewerage charges shall be borne by the contractor.
- The Contractor shall arrange to give all notices as required by any statutory / regulatory authority and shall pay to such authority all the fees that is required to be paid for the execution of work. He shall protect and indemnify the Department and its officials & employees against any claim and /or liability arising out of violations of any such laws, ordinances, orders, decrees, by himself or by his employees or his authorized representatives. Nothing extra shall be payable on these accounts. The fee payable to statutory authorities for obtaining the various permanent service connections and Occupancy Certificate for the building shall be borne by the Department.
- 1.30 For works below ground level the contractor shall keep that area free from water. If dewatering or bailing out of water is required the contractor shall do the same at his own cost and nothing extra shall be paid except otherwise provided in the items of Schedule of Quantities.
- 1.31 The Contractor shall make all necessary arrangements for protecting from rains, fog or likewise extreme weather conditions, the work already executed and for carrying out further work,
- Correction = NIL, Insertion = NIL, Overwriting = NIL, Deletion = NIL, Sr D Man AE(P), EE (Civil),

during monsoon including providing and fixing temporary shelters, protections etc. Nothing extra shall be payable on this account and also no claims for hindrance shall be entertained on this account.

- 1.32 In case of flooding of site on account of rain or any other cause and any consequent damage, whatsoever, no claim financially or otherwise shall be entertained notwithstanding any other provisions elsewhere in the contract agreement. Also, the Contractor shall make good, at his own cost, the damages caused, if any. Further, no claims for hindrance shall be entertained on this account.
- 1.33 The contractor will take reasonable precautions to prevent his workman and employees from removing and damaging any flora (plant/vegetation) from the project area.

1.34 SETTING OUT

- (i) The Contractor shall carry out survey of the work area, at his own cost, setting out the layout of building in consultation with the Engineer -in-Charge & proceed further. Any discrepancy between the Engineer-in-charge, architectural drawings and actual layout at site shall be brought to the notice of the Engineer -in-charge. It shall be responsibility of the Contractor to ensure correct setting out of alignment. Total station survey instruments only shall be used for layout, fixing boundaries, and centre lines, etc., Nothing extra shall be payable on this account.
- (ii). The Contractor shall establish, maintain and assume responsibility for grades, lines, levels and benchmarks. He shall report any errors or inconsistencies regarding grades, lines, levels, dimensions etc. to the Engineer -in-Charge before commencing work. Commencement of work shall be regarded as the Contractor's acceptance of such grades, lines, levels, and dimensions and no claim shall be entertained at a later date for any errors found.
- (iii). If at any time, any error appears due to grades, lines, levels and benchmarks during the progress of the work, the Contractor shall, at his own expense rectify such error, if so required, to the satisfaction of the Engineer -in-Charge. Nothing extra shall be payable on this account.
- (iv). Though the site levels are indicated in the drawings the Contractor shall ascertain and confirm the site levels with respect to benchmark from the concerned authorities. The Contractor shall protect and maintain temporary/ permanent benchmarks at the site of work throughout the execution of work. These benchmarks shall be got checked by the Engineer-in-Charge or his authorized representatives. The work at different stages shall be checked with reference to bench marks maintained for the said purpose. Nothing extra shall be payable on this account.
- (v). The approval by the Engineer-in-Charge, of the setting out by the Contractor, shall not relieve the Contractor of any of his responsibilities and obligation to rectify the errors/defects, if any, which may be found at any stage during the progress of the work or after the completion of the work.
- (vi). The Contractor shall be entirely and exclusively responsible for the horizontal, vertical and other alignments, the level and correctness of every part of the work and shall rectify effectively any errors or imperfections therein. Such rectifications shall be carried out by the Contractor at his own cost to the entire satisfaction of the Engineer - in-Charge.

(vii). The rates quoted by the Contractor are deemed to be inclusive of site clearance, setting out work (including marking of reference points, center lines of buildings), construction and maintenance of reference bench mark(s), taking spot levels, construction of all safety and protection devices, barriers, barricading, signage, labour safety, labour welfare and labour training measures, preparatory works, working during monsoon, working at all depths, height and location etc. and any other incidental works required to complete this work. Nothing extra shall be payable on this account.

(viii) The contractor(s) shall study the soil investigation report for the site, available in the office of the Engineer-in-Charge and satisfy himself about complete characteristics of soil and other parameters at site. However, no claim on the alleged inadequacy or incorrectness of the soil data supplied by the department shall be entertained.

1.35 A site laboratory with the minimum equipments as specified in CPWD specifications/in this agreement shall be established, made functional and maintained within a week from the award of work as per without any extra cost to the department. In case of non compliance / delay in compliance in this, a recovery @ **Rs. 2000.00 per day** will be imposed which will be recovered from the immediate next R/A Bill of the Contractor.

1.36 COORDINATED DRAWINGS

I. Before taking up the work, the contractor shall prepare shop drawings for the works listed below for various civil and electrical services showing details of lay out in plan including sections & elevations & large scale details and contractor shall plan and mobilize his resources as per these drawings and as per actual site conditions to facilitate convenient execution, installation as well as maintenance of these items.. Nothing extra shall be payable on this account.

II. SHOPDRAWINGS

The bill of quantities, technical specifications and drawings together shall be considered as a tender requirement and the work shall be carried out as per good for construction (GFC) drawings, issued by Engineer-in-charge. The contractor shall study the GFC drawings and taking into account actual site conditions and selected material and requirements shall prepare shop drawings for the following works, as fully coordinated drawings, as given above.

- a. Aluminium work, Stainless steel work and railings etc.
- b. Expansion joint work
- c. Suspended ceiling work, coordinated with all ceiling related services.
- d. Marble, granite, vitreous, ceramic, tile work details.
- e. All Electrical work
- f. All Sanitary and sewerage work
- g. All plumbing works.
- h. Rain Water Pipe details/ position, roof slopes etc.
- i. Drainage details.
- j. Door Window details.
- k. All steel fabrication work.
- l. PUF panel ceiling/roofing work.
- m. Any other works detail if required.

The shop drawings shall be prepared timely by contractor and submitted to CPWD for approval to achieve the milestones provided.

(i) Within the time frame agreed with the Engineer-in-charge, the contractor shall prepare shop drawings using latest version of AutoCAD. Shop drawings shall show all layouts, details in plans & sections showing all connections, junctions, bends, supports,

clearances. fixing arrangements with dimensions room, etc shall be prepared by the contractor on AutoCAD based on the architectural drawings and site measurements. All measurable items quantities shall be mentioned on each shop drawing being submitted for approval by the contractor. 3 sets of shop drawings (soft copy also) shall be submitted for approval and Seven sets of final shop drawings after approval by Engineer-in-charge shall be submitted by the contractor along with the soft copy. The shop drawings, shall be prepared as per schedule given in PERT Chart.

Technical submittals of manufacturer's catalogues and technical data shall be submitted for approval. The contractor shall designate an Engineer responsible for issue and preparation of shop drawings and control of GFC drawings.

1.37 TOOLS AND PLANTS

The bidder should have own constructions equipment required for the proper and timely execution of the work. Nothing extra shall be paid on this account.

No tools and plants including any special T&P etc. shall be supplied by the Department and the Contractor shall have to make his own arrangements at his own cost. No claim of hindrance (or any other claim) shall be entertained on this account.

1.38 SCAFFOLDING

For the execution of work, all the scaffolding shall be provided and suitably fixed, by the Contractor. It shall be provided strictly with steel double scaffolding system, suitably braced for stability, with all the accessories, gangways, etc. with adjustable suitable working platforms to access the areas with ease for working and inspection. It shall be designed to take all incidental loads. It should cater to the safety features for workmen. Nothing extra shall be payable on this account. It shall be ensured that no damage is caused to any structure due to the scaffolding except for the work of vertical extension where vertical & horizontal scaffolding along with screen to prevent pollution and debris from following along with proper access to be provided for which payment shall be made.

1.39 The Contractor shall do proper sequencing of the various activities by suitably staggering the activities within various pockets in the plot so as to achieve early completion. The agency to deploy adequate equipment, machinery and labour as required for the completion of the entire work within the stipulated period specified. Also ancillary facilities shall be provided by contractor commensurate with requirement to complete the entire work within the stipulated period. Nothing extra shall be payable on this account. Adequate number/sets of equipment in working condition, along with adequate stand-by arrangements, shall be deployed during entire construction period. It shall be ensured by the Contractor that all the equipment, Tools & Plants , machineries etc. provided by him are maintained in proper working conditions at all times during the progress of the work and till the completion of the work. Further, all the constructional tools, plants, equipment and machineries provided by the Contractor, on site of work or his workshop for this work, shall be exclusively intended for use in the construction of this work and they shall not be shifted/ removed from site without the permission of the Engineer-in-Charge.

1.40 The Contractor shall maintain all the work in good condition till the completion of entire work. The Contractor shall be responsible for and shall make good, all damages and repairs, rendered necessary due to fire, rain, traffic, floods or any other causes. The Engineer-in-Charge shall not be responsible for any claims for injuries to person/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 of any other of his 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.

1.41 ROYALTY

Royalty at the prevalent rates shall be paid by the Contractor as per the terms of supply between them, on all materials such as boulders, metals, all sizes stone aggregates, brick aggregates, coarse and fine sand, moorum, river sand, gravels and bajri etc. collected by him for the execution of the work, directly to the revenue authority of the state government concerned. Further, contractor needs to submit proof of submission of full royalty to the state government or local authority. Nothing extra shall be payable on this account.

1.42 PRESERVATION AND CONSERVATION MEASURES

- (i) Existing drains, pipes, cables, over-head wires, sewer lines, water lines and similar services, if any, encountered in the course of the execution of work shall be protected against the damage by the contractor at his own expense. In case the same are to be removed and diverted, expenditure incurred in doing so shall be payable to the contractor. The contractor shall work out the cost, get the same approved by Engineer-in-Charge before taking up actual execution. 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.
- (ii) All fossils, coins, articles of value of antiquity, structures and other remains or things of geological or archaeological interest discovered on project location during excavation/construction shall be the property of the Government, and shall be dealt with as per provisions of the relevant legislation. The contractor will take reasonable precaution to prevent his work men or any other persons from removing and damaging any such article or thing. He will, immediately upon discovery thereof and before removal acquaint the Engineer-in-charge of such discovery and carry out the official instructions of Engineer-in-charge for dealing with the same, till then all work shall be carried out in a way so as not to disturb/damage such article or thing.

1.43 RESPONSIBILITY

- (i) He shall protect and indemnify the Department / CPWD and its officials & employees against any claim and /or liability arising out of violations of any such laws, ordinances, orders, decrees, by himself or by his employees or his authorized representatives. Nothing extra shall be payable on these accounts.
- (ii) The fee payable to statutory authorities for obtaining the various permanent service connections and Building Use Certificate for the building shall be borne by the CPWD.
- (iii) The Contractor shall assume all liability, financial or otherwise in connection with this contract and shall protect and indemnify the Department from any and all damages and claims that may arise on any account. The Contractor shall indemnify the Department against all claims in respect of patent rights, royalties, design, trademarks- of name or other protected rights, damages to adjacent buildings, roads or members of public, in course of execution of work or any other reasons whatsoever, and shall himself defend all actions arising from such claims and shall indemnify the Department in all respect from such actions, costs and expenses. Nothing extra shall be payable on this account.

1.44 CO-OPERATION WITH OTHER CONTRACTORS/SPECIALIZED AGENCIES/ SUB-CONTRACTORS

- (i) The Contractor shall take all precautions to abide by the environmental related restrictions imposed by any statutory body having jurisdiction under which site of construction falls

as well as prevent any pollution of streams, ravines, river bed and waterways. All waste or superfluous materials shall be transported by the Contractor, entirely to the satisfaction of the Engineer- in-Charge and disposed at designated places only. Utmost care shall be taken to keep the noise level to the barest minimum so that no disturbance as far as possible is caused to the occupants / users of adjoining buildings. No claim what so ever on account of site constraints mentioned above or any other site constraints, lack of public transport, , inadequate availability of skilled, semi-skilled or unskilled workers in the near vicinity, non-availability of construction machinery spare parts and any other constraints not specifically stated here, shall be entertained from the Contractor. Therefore, the Tenderers are advised to visit site and get first-hand information of site constraints. Accordingly, they should quote their tenders. Nothing extra shall be payable on this account.

- (ii) The Contractor shall cooperate with and provide the facilities to the sub-Contractors and other agencies working at site for smooth execution of the work. The contractor shall indemnify the Department (CPWD) against any claim(s) arising out of such disputes. The Contractor shall:
 - (a) Allow use of scaffolding, toilets, sheds etc.
 - (b) Properly co-ordinate their work with the work of other Contractors.
 - (c) Provide control lines and benchmarks to his Sub-Contractors and the other Contractors.
 - (d) Provide electricity and water at mutually agreed rates.
 - (e) Provide hoist and crane facilities for lifting material at mutually agreed rates.
 - (f) Co-ordinate with other Contractors for leaving inserts, making chases, alignment of services etc. at site.
 - (g) Adjust work schedule and site activities in consultation with the Engineer-in-Charge and other Contractors to suit the overall schedule completion.
 - (h) Resolve the disputes with other Contractors/ sub-contractors amicably and the Engineer-in-Charge shall not be made intermediary or arbitrator.
- (iii) The work should be planned in a systematic manner so as to ensure proper co-ordination of various disciplines viz. sanitary & water supply, drainage, rain water harvesting, electrical, firefighting, information technology, communication & electronics and any other services.
- (iv) Other agencies as employed by the contractor, will also simultaneously execute and install the works of sub-station / generating sets, air-conditioning, lifts, etc. for the work and the contractor shall afford necessary facilities for the same. The contractor shall leave such recesses, holes, openings trenches etc. as may be required for such related works and includes provision of inserts and the contractor shall fix the same at time of casting of concrete, stone work and brick work, if required, and nothing extra shall be payable on this account.
- (v) The contractor shall conduct his work, so as not to interfere with or hinder the progress or completion of the work being performed by other contractor(s) or by the Engineer-In-Charge and shall as far as possible arrange his work and shall place and dispose off the materials being used or removed so as not to interfere with the operations of other contractor or he shall arrange his work with that of the others in an acceptable and in a proper co-ordination manner and shall perform it in proper sequence to the complete satisfaction of others.

1.45 SUPERVISION OF WORK

The Contractor shall depute Site Engineer & skilled workers as required for the work. He shall submit organization chart along with details of Engineers and supervisory staff. It shall be ensured that all decision making powers shall be available to the representatives of the Contractor available at site itself to avoid any likely delays on this account. The Contractor shall also furnish list of persons for specialized works to be executed for various items of work. The Contractor shall identify and deploy key persons having qualifications and experience in the similar and other major works, as per the field of their expertise. If during the course of execution of work, the Engineer-in-Charge is of the opinion that the deployed staff is not sufficient or not well experienced; the Contractor shall deploy more staff or better-experienced staff at site to complete the work with quality and in stipulated time limit.

1.46 Specialized Agencies

- (i) The composite tender comprises of two main components: viz. civil work and E & M works. The list of specialized agencies for civil works is as below:
- a. Water proofing treatment.
 - b. Interior works - false ceiling works.
 - c. Fabrication & erection of all steel work.
 - d. Laying of granite stone.
 - e. Aluminum doors and windows, aluminum partition.
 - f. Fabrication and erection of PUF sheet roofing.
 - g. Stainless steel work and stainless steel railing.
 - h. PVC Doors
 - i. All plumbing work
 - j. Signages works

The contractor shall submit the credential of specialized agency well in advance for the approval of NIT Approving Authority as per the direction of Engineer-in-charge. After verification of the same, written approval will be conveyed to main contractor in this regard. The quantum of credentials will be broadly in line with CPWD guidelines. The main contractor shall not change the specialized agency. However, if the change is warranted, he may do so, with permission of NIT approving authority. However before making any such change he has to enter into similar agreement as with previous agency & submit the same to Engineer-in-Charge for approval. This shall however be without any change in the accepted rates of the contract agreement and without any cost implications to the Department.

- (ii) It shall be the responsibility of main contractor to sort out any dispute / litigation with the Specialized Agencies without any time & cost overrun to the Department. The main contractor shall be solely responsible for settling any dispute / litigation arising out of his agreement with the Specialized Agencies. The contractor shall ensure that the work shall not suffer on account of litigation/ dispute between him and the specialized agencies / sub- contractor(s). No claim of hindrance in the work shall be entertained from the Contractor on this account. No extension of time shall be granted and no claim what so ever, of any kind, shall be entertained from the Contractor on account of delay attributable to the selection/rejection of the Specialized Agencies or any dispute amongst them.

1.47 RATES

- (i) The rates quoted by the Contractor are deemed to be inclusive of site clearance, setting out work, profile, setting lay out on ground, establishment of reference bench mark(s),

Correction = NIL, Insertion = NIL, Overwriting = NIL, Deletion = NIL, Sr D Man AE(P), EE (Civil),

installing various signage, taking spot levels, survey with total station, construction of all safety and protection devices, compulsory use of helmet and safety shoes, and other appropriate safety gadgets by workers, imparting continuous training for all the workers, barriers, preparatory works, construction of clean, hygienic and well ventilated workers housings in sufficient numbers as per drawing supplied by Engineer in charge, working during monsoon or odd season, working beyond normal hours, working at all depths, height, lead, lift, levels and location, implementation of green building norms to achieve desired GRIHA Rating etc. and any other unforeseen but essential incidental works required to complete this work. Nothing extra shall be payable on this account and no extension of time for completion of work shall be granted on these accounts.

- (ii) The rates quoted by the tenderer, shall be firm and inclusive of all taxes and levies (including works contract).
- (iii) No foreign exchange shall be made available by the Department for importing (purchase) of equipment, plants, machinery, materials of any kind or any other items required to be carried out during execution of the work. No delay and no claim of any kind shall be entertained from the Contractor, on account of variation in the foreign exchange rate.
- (iv) Ancillary and incidental facilities required for execution of work like labour camp, stores, fabrication yard, offices for Contractor, watch and ward, temporary ramp required to be made for working at the basement level, temporary structure for plants and machineries, water storage tanks, installation and consumption charges of temporary electricity, telephone, water etc. required for execution of the work, liaison and pursuing for obtaining various No Objection Certificates, completion certificates from local bodies etc., protection works, testing facilities / laboratory at site of work, facilities for all field tests and for taking samples etc. during execution or any other activity which is necessary (for execution of work and as directed by Engineer-in-Charge), shall be deemed to be included in rates quoted by the Contractor, for various items in the schedule of quantities. Nothing extra shall be payable on these accounts. Before start of the work, the Contractor shall submit to the Engineer-in-Charge, a site / construction yard layout, specifying areas for construction, site office, positioning of machinery, material yard, cement and other storage, steel fabrication yard, site laboratory, water tank, etc.
- (v) For completing the work in time, the Contractor might be required to work in two or more shifts (including night shifts). No claim whatsoever shall be entertained on this account, not with-standing the fact that the Contractor may have to pay extra amounts for any reason, to the labourers and other staff engaged directly or indirectly on the work according to the provisions of the labour and other statutory bodies regulations and the agreement entered upon by the Contractor with them.
- (vi) All material shall only be brought at site as per program finalized with the Engineer-in-Charge. Any pre-delivery of the material not required for immediate consumption shall not be accepted and thus not paid for.

1.48 SAFETY PRACTICES

- i) **WARNING/ CAUTION BOARDS:** All temporary warning / caution boards / glow signage display such as "Construction Work in Progress", "Keep Away", "No Parking", Diversions & protective Barricades etc. shall be provided and displayed during day time by the Contractor, wherever required and as directed by the Engineer-in-Charge. These glow signage and red lights shall be suitably illuminated during night also. The Contractor shall be solely responsible for damage and accident caused, if any, due to negligence on his part. Also he shall ensure that no hindrance, as far as possible, is caused

to general traffic during execution of the work. This signage shall be dismantled & taken away by the Contractor after the completion of work, only after approval of the Engineer – in – Charge. Nothing extra shall be payable on this account.

- ii) **SIGN BOARDS:** The Contractor shall provide and erect a display board of size and shape as required and paint over it, in a legible and workman like manner, the details about the salient features of the project, as required by the Engineer-in-Charge. The Contractor shall fabricate and put up a sign board in an approved location and to an approved design indicating name of the project, Client/Owner, Engineer-in-charges, Structural Consultants, Department etc. besides providing space for names of other Contractors, Sub-Contractors and specialized agencies within 15 days from issue of award letter. Nothing extra shall be payable on this account. In case of non compliance/delay in compliance in this, a penalty @ Rs. 500/- per day will be imposed which will be recovered from the immediate next R/A Bill of the Contractor.
- iii) Necessary protective and safety equipments shall be provided to the Site Engineer, Supervisory staff, labour and technical staff of the contractor by the Contractor at his own cost and to be used at site.
- iv) No inflammable materials including P.O.L shall be allowed to be stored in huge quantity at site. Only limited quantity of P.O.L may be allowed to be stored at site subject to the compliance of all rules / instructions issued by the relevant authorities and as per the direction of Engineer -in- Charge in this regard. Also all precautions and safety measures shall be taken by the Contractor for safe handling of the P.O.L products stored at site. All consequences on account of unsafe handling of P.O.L shall be borne by the Contractor.

1.49 **QUALITY ASSURANCE**

- (i) The proposed building is a prestigious project and quality of work is of paramount importance. Contractor shall have to engage well-experienced skilled labour and deploy modern T&P and other equipment to execute the work. Many items like specialized flooring work, Polysulphide sealant and backer rod fixing in expansion joints, factory made door- window shutters, proper slope maintaining in toilet units, sanitary-water supply installation, textured finishing, grit plastering with aluminium channel insertions, water proofing treatment with APP Extruded Polystyrene insulation boards, will specially require engagement of skilled workers having experience particularly in execution of such items.
- (ii) 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 & contractor shall be bound to replace / remove such sub-standard /defective work immediately. If any material, even though approved by Engineer-In-Charge is found defective or not conforming to specifications shall be replaced / removed by the contractor at his own risk & cost.
- (iii) In addition to the supervision of work by CPWD engineers, the Consultants deployed by the CPWD shall also be carrying out regular and periodic inspection of the ongoing activities in the work and deficiencies, shortcomings, inferior workmanship pointed out by them shall be communicated by CPWD engineers to the contractor. Upon receipt of instructions from Engineer in Charge these are also to be made good by necessary improvement, rectification, replacement up to his complete satisfaction. Special attention shall be paid towards line and level of internal and external plastering, exposed smooth surface of RCC members by providing fresh shuttering plates, rubberized linings to all the shuttering joints, accurate joinery work in wooden doors and windows, thinnest joints in stone/ tiling / cladding work, non-hollowness in floor and dado tiles work, protection of scratches over flooring by impounding layer of plaster of Paris, water tight pipe

linings, absence of hollow vertical joints in brick masonry, proper compaction of filled up earth etc. to achieve an Institution of International standards and up keeping of quality assurance shall be of paramount importance, as such.

- (iv) The Contractor shall submit, within 07 (Seven) days after the date of award of work, a detailed and complete method statement for the execution, testing and Quality Assurance, of such items of works, as directed by the Engineer-in-Charge. All the materials to be used in the work, to give the finished work complete in all respects, shall comply with the requirements of the specifications and shall pass all the tests required as per specifications as applicable or such specifications / standards as directed by the Engineer-in-Charge. However, keeping the Quality Assurance in mind, the Contractor shall submit, on request from the Engineer-in-Charge, his own Quality Assurance procedures for basic materials and such items, to be followed during the execution of the work, for approval of the Engineer-in-Charge.
- (v) All materials and fittings 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. If a particular brand of material is specified in the item of work in Schedule of Quantity, the same shall be used after getting the same approved from Engineer-In-Charge. Wherever brand / quality of material is not specified in the item of work, the contractor shall submit the samples as per suggested list of brand names given in the tender document / particular specifications for approval of Engineer-In-Charge. For all other items, materials and fittings of ISI Marked shall be used with the prior approval of Engineer-In-Charge. Wherever ISI Marked material / fittings are not available, the contractor shall submit samples of materials / fittings manufactured by firms of repute conforming to relevant specifications or IS codes and use the same only after getting the approval of Engineer-In-Charge.
- (vi) The Contractor shall procure and provide all the materials from the manufacturers /suppliers as per the list attached with the tender documents, as per the item description and particular specifications for the work. The equivalent brand for any item shall be permitted to be used in the work, only when the specified makes are not available. This is, however, subject to documentary evidence produced by the contractor for non-availability of the brand specified and also subject to independent verification by the Engineer-in-Charge. In exceptional cases, where such approval is required, the decision of Engineer-in-Charge as regards equivalent make of the material shall be final and binding on the Contractor. No claim, whatsoever, of any kind shall be entertained from the Contractor on this account. Nothing extra shall be payable on this account. Also, the material shall be procured only after written approval of the Engineer-in-Charge.
- (vii) All materials whether obtained from Govt. stores or otherwise shall be got checked by the Engineer-in-Charge or his authorized supervisory staff on receipt of the same at site before use.
- (viii) The tests, as necessary, shall be conducted in the following laboratory. The samples shall be taken for carrying out all or any of the tests stipulated in the particular specifications and as directed by the Engineer-in-Charge or his authorized representative.
 - a) IIT Delhi.
 - b) IIT Guwahati.
 - c) NIT Silchar.
 - d) NIT Agartala.
 - e) NIT Agartala.
 - f) NIT Mizoram.
 - g) CRRI, Delhi.
 - h) National Council for Cement and Building Materials, Ballabh Garh.

- i) Shree Ram Testing Laboratories Delhi
 - j) Any other NABL approved lab as approved by the NIT approving authority.
- (ix) All the registers of tests carried out at Construction Site or in outside laboratories and all material at site (MAS) registers including cement register shall be maintained by the contractor which shall be issued to the contractor by Engineer-in-charge. All the entries in the registers will be made by the designated Engineering Staff of the contractor and same should be regularly reviewed by JE/AE/AEE/EE. Contractor shall be responsible for safe custody of all the registers.
- (x) The Contractor shall at his own risk and cost make all arrangements and shall provide all such facilities including material and labour, the Engineer-in-Charge may require for collecting, preparing, forwarding the required number of samples for testing as per the frequency of test stipulated in the contract specifications or as considered necessary by the Engineer-in-Charge, at such time and to such places, as directed by the Engineer-in-Charge. Nothing extra shall be payable for the above.
- (xi) 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 him, the result of such tests and consequences thereon shall be binding on the Contractor. The Contractor or his authorized representative shall remain in contact with the Engineer-in-Charge or his authorized representative associated for all such operations. No claim of payment or claim of any other kind, whatsoever, shall be entertained from the Contractor.
- (xii) All the testing charges shall be borne by the contractor in the manner indicated below:
- (a) All expenditure for testing to be incurred for testing of samples e.g. packaging, sealing, transportation, loading, unloading etc. including testing charges shall be borne by the contractor.**
 - (b) The contractor shall get the water tested with regard to its suitability and conforming to the relevant I.S. Code. The contractor shall obtain written approval from the Engineer-in-Charge before proceeds by using the same for execution of work. The testing charges shall be borne by the contractor.**
- (xiii) All the hidden items such as water supply lines, drainage pipes, conduits, sewers etc. are to be properly tested as per the design conditions before covering and their measurements in computerized measurement book duly test checked shall be deposited with Engineer in charge or his authorized representative, prior to hiding these items.
- (xiv) Water tanks, taps, sanitary, water supply and drainage pipes, fittings and accessories should conform to bylaws and municipal body / corporation where CPWD Specifications are not available. The contractor should engage licensed plumbers for the work and get the materials (fixtures/fittings) tested by the Municipal Body/Corporation authorities wherever required at his own cost.
- (xv) The contractor shall give performance test of the entire installation(s) as per the standing specifications before the work is finally accepted and nothing extra whatsoever shall be payable to the contractor for the test.
- (xvi) The contractor shall have to execute guarantee bonds in respect of water proofing works and other specialized works as per Performa enclosed.
- (xvii) The Contractor shall arrange electricity at his own cost for testing of the various electrical installations as directed by Engineer-in-Charge and for the consumption by the

contractor for executing the work. Also all the water required for testing various electrical installations, fire pumps, firefighting/ firefighting equipments, fire sprinklers etc. and also testing water supply, sanitary and drainage lines, water proofing of underground sump, overhead tanks, water proofing treatment etc. shall be arranged by the contractor at his own cost. Nothing extra shall be payable on this account.

- (xviii) The quality of water in the nearby areas is not fit for construction work, therefore, water treatment plant of suitable capacity shall be installed by the contractor at each site of work. He would also be required to create capacity for storage for a period not less than 3 days for construction and curing purpose, for which nothing extra shall be paid to the contractor.

1.50 SUBMISSION AND DOCUMENTATION

- (i) The Contractor shall display all permissions, licenses, registration certificates, bar charts, other statements etc. under various labour laws and other regulations applicable to the works, at his site office. He should also keep at site at least one set of BIS Codes and other relevant codes at site and produce the same if asked for by Engineer-In-Charge. In case of non compliance, these codes will be purchased from the Market and actual cost of purchase will be recovered from the next RA Bill of the Contractor.
- (ii) The Contractor shall make available four (04) sets of completed Building Drawings, “As Built Drawings” along with literatures, manuals, warranty certificates etc. of various installed fittings, fixtures and equipment for the completed projects. This shall be the prerequisite for payment of final bill.
- (iii) The Contractor shall make available three (03) sets of all services drawings including Electrical & HVAC work internal and external services i.e. Water Supply, Sanitary line and Drainage lines. This shall be the prerequisite for payment of final bill. These drawings shall have the following information:
- (iv) Run off for all piping and their diameters including soil, waste pipes and vertical stacks.
- (v) Ground and invert level of all drainage pipes together with locations of all manholes and connections, up to outfall.
- (vi) Run off for all water supply lines with diameters location of control valves, access panels etc.
- (vii) The contractor shall make available four (04) sets of computerized Standard Measurement Books (SMBs) having measurement of all the permanent standing in a building.
- (viii) The Performance Guarantee shall not be released to the contractor until the aforesaid drawings are submitted to the Engineer-in-Charge.
- (ix) To avoid delay, contractor should submit all samples well in advance so as to give timely orders for procurement.

1.51 Program Chart:

The Contractor shall prepare an integrated program chart within seven days of issue of award letter including civil as well as E & M activities for the execution of work, showing clearly all activities from the start of work to completion, with details of manpower, equipment and machinery required for the fulfillment of the program within the stipulated period and submit the same for approval of the Engineer-In-Charge within seven days of the award of

the work. These shall be submitted by the contractor through electronic media besides forwarding hard copies of the same. The integrated program chart so submitted should not have any discrepancy with the physical milestones attached in the contract agreement. The program chart should include the following: -

- (i) Descriptive note explaining sequence of various activities.
- (ii) Construction Program prepared on **PRIMAVERA** Software or any other equivalent so few are decided by the Engineer-in-Charge, which will indicate resources in financial terms, manpower and specialized equipment for every important stage.
- (iii) Program for procurement of materials by the contractor.
- (iv) Program for arranging and deployment of manpower both skilled and unskilled so as to achieve targeted progress.
- (v) Program of procurement of machinery/equipment having adequate capacity, commensurate with the quantum of work to be done within the stipulated period, by the contractor.
- (vi) Program for achieving fortnightly micro milestones and periodic milestones.
- (ix) If at any time, it appears to the Engineer-In-Charge that the actual progress of work does not conform to the approved program referred above, the contractor shall produce a revised program showing the modifications to the approved program by additional inputs to ensure completion of the work within the stipulated time.
- (x) The submission for approval by the Engineer-In-Charge of such program or the furnishing of such particulars shall not relieve the contractor of any of his duties or responsibilities under the contract. This is without prejudice to the right of Engineer-In-Charge to take action against the contractor as per terms and conditions of the agreement.
- (xi) Apart from the above integrated program chart, the contractor shall be required to submit fortnightly progress report of the work in a computerized form on 1st and 16th of every month. The progress report shall contain the following, apart from whatever else may be required as specified above:
 - (a) Construction schedule of the various components of the work through a bar chart for the next fortnight (or as may be specified), showing the micro- milestone/milestones, targeted tasks (including material and labour requirement) and up to date progress. Atleast 10 digital photographs showing all the parts of construction site along with atleast 5 minutes video of executions of different items in soft copy has to be submitted in every fortnightly progress report.
 - (b) Progress chart of the various components of the work that are planned and achieved, for the fortnight as well as cumulative up to the fortnight under reckoning, with reason for deviations, if any in a tabular format.
 - (c) Plant and machinery statement, indicating those deployed in the work.
 - (d) Man-power statement indicating:
 - Individually the names of all the staff deployed on the work, along with their designations.

No. of skilled workers (trade wise) and total no. of unskilled workers deployed on the work and their location of deployment i.e. blocks.

- (e) Financial statement, indicating the broad details of all the running account payment received up to date, such as gross value of work done, advances taken, recoveries effected, amount withheld, net payments details of cheque payment received, extra/substituted/deviation items if any, etc.

1.52 TEMPORARY WATER/ ELECTRICITY/ TELEPHONE CONNECTION

- (i) Arrangement of temporary telephone connection, water and electricity required by Contractor, shall be made by him at his own cost and also necessary permissions shall be obtained by him directly from concerned authorities, under intimation to the Department. Also, all initial cost and running charges, and security deposit, if any, in this regard shall be borne by him. The Contractor shall abide by all the rules/ bye laws applicable in this regard and he shall be solely responsible for any penalty on account of violation of any of the rules/byelaws in this regard. Nothing extra shall be payable on this account.
- (ii) The Contractor shall be responsible for maintenance and watch and ward of the complete installation and water / electricity meter and shall also be responsible for any pilferage, theft, damage, penalty etc. in this regard. The Contractor shall indemnify the Department against any claim arising out of pilferage, theft, damage, penalty etc. whatsoever on this account. Security deposit for the work shall be released only after No Dues Certificates are obtained from the local Authorities from whom temporary electric/ water / telephone connection have been obtained by the Contractor. Nothing extra shall be payable on this account.
- (iii) The Department shall in no way be responsible for either any delay in getting electric and/or water and/or telephone connections for carrying out the work or not getting connections at all. No claim of delay or any other kind, whatsoever, on this account shall be entertained from the Contractor. Also contingency arrangement of stand-by water & electric supply shall be made by the Contractor for commencement and smooth progress of the work so that work does not suffer on account of power failure or disconnection or not getting connection at all. No claim of any kind whatsoever shall be entertained on this account from the Contractor. Nothing extra shall be payable on this account.

1.53 CLEANLINESS OF SITE

- i) The Contractor shall not stack building material/malba/muck on the land or road of the local municipal authority or on the land owned by the others, as the case may be. So the muck, rubbish etc. shall be removed periodically as directed by the Engineer-in-Charge, from the site of work to the approved dumping grounds as per the local byelaws and regulations of the concerned authorities and all necessary permissions in this regard from the local bodies shall be obtained by the Contractor. Nothing extra shall be payable on this account. In case, the Contractor is found stacking the building material/malba as stated above, the Contractor shall be liable to pay the stacking charges/penalty as may be levied by the local body or any other authority and also to face penal action as per the rules, regulations and bye-laws of such body or authority. The Engineer –in-Charge shall be at liberty to recover, such sums due but not paid to the concerned authorities on the above counts, from any sums due to the Contractor including amount of the Security Deposit and performance guarantee in respect of this contract agreement.
- ii) The contractor shall take instructions from the Engineer-In-Charge regarding collection and stacking of materials at any place. No excavated earth or building rubbish shall be stacked on areas where other buildings, roads, services and compound walls are to be constructed.

- iii) The site of work shall be always kept clean due to constraints of space and to avoid any nuisance to the users of buildings in the adjacent plots. The Contractor shall take all care to prevent any water- logging at site. The waste water, slush etc. shall not be allowed to be collected at site. It may be directly pumped into the creek with prior approval of the concerned authorities. For discharge into public drainage system, necessary permission shall be obtained from relevant authorities after paying the necessary charges, if any, directly to the authorities. The work shall be carried out in such a way that the area is kept clean and tidy. All the fees/charges in this regard shall be borne by the Contractor. Nothing extra shall be payable on this account.

1.54 INSPECTION OF WORK

- i) In addition to the provisions of relevant clauses of the contract, the work shall also be open to inspection by Senior Officers of CPWD & the representative of the Consultants. The contractor shall at times during the usual working hours and at all times at which reasonable notices of the intention of the Engineer-in-charge or other officers as stated above to visit the works shall have been given to the contractor, either himself be present to receive the orders and instructions or have a responsible representative duly accredited in writing, to be present for that purpose.
- ii) Inspection of the work by Consultant appointed by the CPWD.
 - a) The consultant appointed by CPWD, shall be inspecting the works including workshops and fabrication factory to ensure that the works are in general being executed according to the design, drawings and specifications laid down in the contract. His observations shall be communicated by CPWD engineering staff and compliance is to be reported to CPWD.
 - b) The consultant appointed by CPWD shall certify on completion of particular building that it has been constructed according to the approved drawings design and specifications.
- iii) Senior Officers of CPWD, Dignitaries from Central Ministry / Department, Client Authorities shall be inspecting the on-going work at site at any time with or without prior intimation. The contractor shall, therefore, keep updated the following requirements and detailing.
 - a) Display Board showing detail of work, weekly progress achieved with respect to targets, reason of shortfall, status of manpower, wages being paid for different categories of workers.
 - b) Entrance and area surrounding to be kept cleaned.
 - c) Display layout plan key plan, Building drawings including plans, elevations and sections.
 - d) Upto date displays of Bar chart, CPM and PERT etc.
 - e) Keep details of quantities executed, balance quantities, deviations, possible Extra item, substituted Item etc.
 - f) Keep plastic / cloth mounted one sets of building drawings.
 - g) Set of Helmets and safety shoes for exclusive use for officers/dignitaries visiting at site.

1.55 FINAL TESTING OF THE INSTALLATION

The Contractor shall demonstrate trouble free functioning of all the Civil and E&M installations and services. The Engineer-in-Charge or his authorized representatives shall carry out final inspection of the various Civil and E & M services and installations. Any defect(s) noticed

during demonstration shall be rectified by the Contractor at his own cost to the entire satisfaction of the Engineer-in-Charge. Nothing extra shall be payable on this account.

1.56 SUBMISSION OF AS BUILT DRAWINGS AND OBTAINING OCCUPATION CERTIFICATE

The contractor shall obtain occupation certificate / completion certificate from local bodies including getting the required site visits conducted by such authorities with a view to obtain the same.

1.57 REFUND OF PERFORMANCE GAURENTEE

The performance guarantee shall be refunded to the contractor soon after the completion of work and recording of the completion certificate by the competent authority.

1.58 DEALING WITH INCONSISTENT RATES

- i) The Contractors shall quote same rates for the identical items which may inadvertently appear in more than one place if different rates are quoted by the tenderers for such identical items, the same shall be rationalized by considering the lowest quoted rate for such items, for evaluation and acceptance of tender.
- ii) Wherever any reference to any Indian Standards occurs in the documents relating to this contract, the same shall be inclusive of all amendments issued thereto or revisions thereof, if any, up to the date of receipt of tenders.
- iii) Unless otherwise specified in the schedule of quantities, the rates for all items of work shall be considered, as inclusive of pumping out or bailing out water, if required throughout the construction period for which no extra payment shall be made. This shall also include water encountered from any source such as rains, floods, sub soil water table being high and/or due to any other cause whatsoever.
- iv) All stone aggregate and stone ballast shall be of hard stone variety to be obtained from approved quarries.
- v) Coarse sand should be obtained from approved sources. The same shall be clean and sharp angular grit type. The coarse sand shall be screened before using, if required. If the sand brought to site is dirty, it must be washed in clean water to bring the sand to the required specifications. Nothing extra shall be payable on this account.
- vi) The rates for all items of work, shall unless clearly specified otherwise, include cost of all operations and all inputs of labour, material, T & P, scaffolding, wastages, watch and ward, other inputs, all incidental charges, all taxes, cess, GST, duties, levies etc. required for execution of the work.

1.59 PRODUCT DELIVERY, STORAGE AND HANDLING OF CHEMICALS

- (i) The contractor shall construct storage space for Chemicals materials to ensure that the storage conditions are as recommended by the manufactures.
- (ii) All the materials shall be procured and delivered in sealed containers with labels legible and intact.
- (iii) All the chemicals {polymers, epoxy, water proofing compound, plasticizer, Polysulphide, SBR based elastomeric, APP (Atactic Polypropylene Polymer), all exterior and interior paints, polish etc.) shall be procured in convenient packs say 20 litres/Kgs.} capacity packing only or as approved by the Engineer-in-Charge, and not in bigger capacity containers, say 200 litre (Kgs.) drums unless otherwise specifically permitted by the Engineer-in-Charge. One sample from each lot of the chemical procured by the contractor shall be tested in a laboratory as approved by the Engineer-in-charge

- (iv) All material required for the execution of the work shall be got approved, procured and deposited with the Departmental supervisory staff. The materials shall be kept in joint custody of the contractor and the Department. The watch and ward of such material shall, however, remain to be the responsibility of the contractor and no claim, whatsoever, on this account shall be entertained. Different containers of each chemical shall be serially numbered on packing and also consumed in that order. Day-to-Day account of receipt, issue and balance shall be regulated by the Department and proper account shall be maintained at site of work in the prescribed form as per the standard practice.
- (v) All the chemicals shall be procured by the contractor directly from the manufacturer. In exceptional circumstances, the contractor may be allowed to procure the materials from the authorized dealers of the manufacturers, if specifically permitted by the Engineer-in-Charge.
- (vi) The original copies of challan/cash memos and manufacturer's test reports towards the quantity of various chemicals procured shall be made available by the contractor to the Engineer-in-Charge before making payments for work consuming the said material and a copy of the same shall be kept in record.
- (vii) The Name of manufacturers, manufacturer's product identification, manufacturer's mixing instructions, warning for handling and toxicity and date of manufacturing and shelf life shall be clearly and legibly mentioned on the labels of the each container.
- (viii) The contractor shall submit for the chemicals procured, manufacturer's and / or authorized dealer's certificate regarding supplying and verifying conformance to the material specifications, as specified.
- (ix) All filled containers shall be handled in safe manner and in a way to avoid breaking container seals.
- (x) Empty containers of the chemicals should not be removed from site till the completion of work and shall be removed only with the written approval of the Engineer-in-Charge.
- (xi) All arrangements for measuring, dosing and mixing of material / chemicals at site have to be made by the contractor.
- (xii) Contractor shall suitably advise his site Engineer and all the workers as regards safe handling of chemicals. Necessary protective and safety equipments in form of hand gloves, goggles etc. shall be provided by the contractor and be also used at site.
- (xiii) All incidental charges of any kind including cartage, storage and wastage and safe custody of material etc. shall be borne by the contractor and no claim, whatsoever, shall be entertained on this account.
- (xiv) The chemicals shall be tested in an independent laboratory as approved by the Engineer-in-charge at the frequency as specified. If required, more samples may have to be tested as per the directions of the Engineer-in-Charge. Nothing extra shall be payable on this account. However all expenditure for testing to be incurred for testing of samples e.g. packaging, sealing, transportation, loading, unloading etc. including testing charges shall be borne by the contractor.**

1.60 De-watering

- (i) De-watering required, if any, shall be done conforming to BIS Code IS: 9759 (guide lines for de-watering during construction) and / or as per the specifications approved by the Engineer-in-Charge. Design of an appropriate and suitable dewatering system shall be the Contractor's responsibility. Such scheme shall be modified / augmented as the work proceeds based on fresh information discovered during the progress of work, at no extra cost. At all times during the construction work, efficient drainage of the site shall be carried out by the Contractor and especially during the laying of plain cement concrete, taking levels etc. The Contractor shall also ensure that there is no danger to the nearby properties and installations on account of such lowering of water table. If needed, suitable precautionary measures shall be taken by the Contractor. Also the scheme of dewatering adopted shall have adequate built in arrangement to serve as stand-bye to attend to repair

of pumps etc. and disruption of power / fuel supply. Nothing extra shall be payable on this account.

- (ii) In trenches where surface water is likely to get into cut / trench during monsoons, a ring bund of puddle clay or by any other means shall be formed outside, to the required height, and maintained by the Contractor. Also, suitable steps shall be taken by the Contractor to prevent back flow of pumped water into the trench. Nothing extra shall be payable on this account.

1.61 Training of the Personnel

The contractor shall arrange at no extra cost to the Department to train two persons from the department (PWD) and two person from the client PNB, one each for civil and electrical works, on how to operate and carryout preventive maintenance of the systems (both civil and electrical). The contractor shall arrange this training from well qualified and experience personnel for at least seven days.

- 1.62** The Architectural drawings given in the tender other than those indicated in nomenclature of items are only indicative of the nature of the work and materials/fixings involved unless and otherwise specifically mentioned. However, the work shall be executed in accordance with the drawings duly approved by the Engineer-in-Charge.

1.63 Recording of Hindrance & Maintenance of Hindrance Register –

- i) Whenever any hindrance whether on part of department or on part of contractor, comes to the notice of the Assistant Engineer, he shall at once make a note of such hindrance in the register kept at site, and immediately make a report to the Executive Engineer within a week.
- ii) The following points shall be kept in mind while entering the hindrances in the Hindrance Register:
 - a) The entry of date of start of hindrance and date of removal of hindrance shall be made on the same day as the hindrance takes place or the cause of the hindrance is removed, respectively.
 - b) The Executive Engineer shall work out the over lapping period, net if hindrance and of each hindrance within 15 days of removal of the cause of hindrance. For work outside headquarters, this shall be done as and when he visits the site.
 - c) The items of work affected due to any hindrance shall be clearly mentioned in the Hindrance Register by the Assistant Engineer, and the weightage shall be allowed on this basis.
 - d) Each hindrance shall be entered in the hindrance Register, which shall be authenticated by the Executive Engineer and Contractor.
 - e) The hindrance on part of contractor shall also to be entered in the Hindrance Register.
 - f) The hindrance shall be recorded carefully in the Hindrance Register after considering its effect on completion of work.
 - g) Review of hindrance register shall be compulsory in division office by EE and AAO at the time of payment of each Running Account Bill and final bill and certificate shall be recorded that all up to date hindrances on part of department and contractor have been recorded in the hindrance register.
 - h) The net delay on part of department or contractor shall be worked out after considering all the hindrances recorded in the hindrance register.
 - i) The **Chief Engineer** shall review the hindrance Register whenever he visits site of work.

1.64 Safety, Health and Environment

Over and above the provisions made in CPWD Safety Code (part of **General Conditions of contract for CPWD works 2023**) the following will also be applicable:

Correction = NIL, Insertion= NIL, Overwriting= NIL, Deletion= NIL, Sr D Man AE(P), EE (Civil),

In respect of all workmen directly or indirectly employed in the work for the performance of the contractor's part of this agreement, the contractor shall at his expense arrange for the safety provisions as per Indian Standard Safety codes shown below and shall at his own expense provide for all facilities in connection there with. In case the contractor fails to make arrangement and provide necessary facilities, he shall be liable to pay compensations prescribed under Workmen's Compensation Act 1923 as amended from time to time for each default and in addition the Engineer-in-charge shall be at liberty to make arrangement and provide facilities as aforesaid and recover the cost incurred on that behalf from the contractor, and no claims what so ever shall be entertained.

Details regarding some special provisions to be followed by contractor are as follows:

- a) **Usage of quality Personal Protection Equipments (PPEs)** through approved vendors. PPEs would include amongst others the following items:

Safety Helmets.

Hearing Protection.

Respiratory Protection.

Eye Protection.

Protective Gloves.

Safety Footwear.

High Visibility Clothing (Jacket) with approved Logo

All the items should be got approved before issued to the use in the work. Safety Jacket should have **CPWD** Logo as per the size approved.

The contractor shall provide all the PPE (Personnel Protective Equipment) and safety appliances required to carry out the job to all the workmen deployed by the contractor and also ensure that his workmen use those PPE and safety appliances while on the job. The contractor shall not pay any cash amount in lieu of PPE to the workers/sub-contractors and expect them to buy and use during work. If the contractor fails to ensure provision of safety appliances and its workmen do not use the PPE and safety appliances as needed for safe working, the owner may ask the contractor to stop the work and comply with safety requirements first. The contractor shall at all time maintain a minimum of 10% spare PPEs and safety appliances and properly record and show to the Employer during the inspections. Failing to do so shall invite appropriate compensations as per the provisions of under Workmen's Compensation Act 1923 as amended from time to time.

It is always the duty of the contractor to provide required PPEs for all visitors. Towards this required quantity of PPEs shall be kept always at the security post.

Colour coding for helmets

Safety Helmet Color Code (Every Helmet should have the LOGO* affixed /painted)	Person to use
White	CPWD staffs, All Designers, Architect, Consultants, etc.
Violet	Main Contractors (Engineers / Supervisors)
Blue	All Sub-contractors (Engineers / Supervisors)
Red	Electricians (Both Contractor and Sub-contractor)
Green	Safety Professionals (Both Contractor and Sub-contractor)
Orange	Security Guards / Traffic marshals
Yellow	All workmen

White (with "VISITOR" sticker)	Visitors
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Note: LOGO*

- i) Logo shall have its outer dimension 2"X2" and shall be conspicuous.
- ii) Logo shall be either painted or affixed.
- iii) No words shall come either on Top / Bottom of Logo.

b) Working at Heights

Contractor shall ensure that work at height is properly planned for any emergencies and rescue appropriately supervised, and carried out in a manner, which is reasonably practicable safe. Contractor shall ensure that work at height is carried out only when the weather conditions do not jeopardize the health or safety of persons involved in the work. Guardrail, Toe-board, Barrier or similar collective means of protection shall be of sufficient dimensions, of sufficient strength and rigidity for the purposes for which they are being used, and otherwise suitable.

Working Platform shall be of sufficient dimensions to permit the safe passage of persons and the safe use of any plant or materials required to be used and to provide a safe working area-having regard to the work being carried out there. Possess a suitable surface and, in particular, be so constructed that the surface of the working platform has no gap through which a person, material or object could fall and injure a person. A working platform and any supporting structure shall not be loaded so as to give rise to a risk of collapse or to any deformation, which could affect its safe use. Strength and stability calculations for scaffolding shall be carried out by the contractor. The dimensions form and layout of scaffolding decks shall be appropriate to the nature of the work to be performed and suitable for the loads to be carried and permit work and passage in safety.

A personal fall protection system designed for use with an anchor shall be securely attached to at least one anchor, and each anchor and the means of attachment thereto shall be suitable and of sufficient strength and stability for the purpose of supporting any foreseeable loading. Suitable and sufficient steps shall be taken to prevent any person falling or slipping from a personal fall protection system. Any other steps in the opinion of engineer-in-charge suggested will also be taken in Protection system

Only metal ladders shall be allowed. Any surface upon which a ladder rests shall be stable, firm, of sufficient strength and of suitable composition safely to support the ladder so that its rungs or steps remain horizontal, and any loading intended to be placed on it. A ladder shall be so positioned as to ensure its stability during use. A suspended ladder shall be attached in a secure manner and so that, with the exception of a flexible ladder, it cannot be displaced and swinging is prevented. No interlocking or extension ladder shall be used unless its sections are prevented from moving relative to each other while in use.

c) Lifting appliances and gears.

The contractor shall maintain a register for record of examinations and test details of all lifting appliances. This register should also contain a system of identification of all tools and tackles, its date of purchase, safe working load etc. Contractors can utilize the services of any competent person as defined in Factories Act, 1948 and approved by Chief Inspector of Factories with the permission of the Employer.

d) Automatic safe load indicators

Every lifting appliances and gears like cranes, hydras etc, if so constructed that the safe working

load may be varied by raising or lowering of the jib or otherwise shall be attached with an automatic indicator of safe working loads approved by Bureau of Indian standards/ International certifying bodies which gives a warning to the operator and arrests further movements of the lifting parts.

e) **Qualification of operator of lifting appliances and of signaller etc.**

The contractor shall not employ any person to drive or operate a lifting machine like crane, hydra etc whether driven by mechanical power or otherwise or to give signals to work as a operator of a rigger or derricks unless he is above twenty-one years of age and possesses a valid heavy transport vehicle driving license as per Motor Vehicle Act and Rules, is absolutely competent and reliable, possesses the knowledge of the inherent risks involved in the operation of lifting appliances by undergoing a formal training at any institution of national importance, is medically examined periodically.

1.65 Existing Services:

Existing drains, pipes, electricity cables, overhead wires and telephone cables, sewer lines, water lines and similar services encountered in the course of the execution of the work shall be protected/ maintained 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. In case **temporary** shifting/supporting of such services is required to facilitate the work, the contractor at no extra cost shall do the same. The decision of the Engineer-in-Charge in this regard shall be final and binding.

- 1.66 All works pertaining to services including rerouting/diversion of services, routine testing, installation etc., completed in one or more than one process shall be subject to examination and approval to each stage thereof by the Engineer-in-charge or concerned department as would be notified by the Engineer-in-charge or his authorized representative when such stage is ready. In default of such notice the Engineer-in-Charge shall be entitled to appraise the quantity and extent thereof and the decision of Engineer-in-Charge or his authorized representative in this regard shall be final and binding.
- 1.67 For utilities which are required to be removed or **permanently shifted** to new position, in the opinion of the Engineer-in-charge, shall be removed / shifted by the contractor in consultation with the service provider agency. Payment for this shall be made as per terms and conditions of the contract. No claim for delay or otherwise due to above reasons shall be entertained on this account.
- 1.68 The contractor shall make his own arrangement for the disposal of the spoils, waste of bentonite, all dismantled material, slush and foul materials, surplus earth to such place where the same shall not cause nuisance or any environmental problems anywhere and should be acceptable to the authorities concerned. No extra claim whatsoever shall be entertained due to above. The road connected to site should be kept nuisance or environmental problem free.
- 1.69 The contractor shall make his own arrangement at his own cost for the provision of telephone facilities at the site of works or at any other place.
- 1.70 The contractor shall make his own arrangements for obtaining electric & water connection(s) if required and make necessary payment directly to department concerned. The department will however make all reasonable recommendations to the authority concerned in this regard.
- 1.71 The contractor shall bear all incidental charges for cartage, storage and safe custody of materials brought to site.
- 1.72 The work shall be carried out in accordance with the Architectural drawings, structural and services drawings, to be issued from time to time, by the Engineer-in-Charge. Before

commencement of any item of work, the contractor shall correlate all the relevant architectural, structural drawing and services issued for the work, nomenclature of items, specifications etc. and satisfy himself that the information available there from is complete and unambiguous. The figures & the written dimensions of the drawing shall super cede the measurement by scale. The discrepancy, if any, shall be brought to the notice of the Engineer-In-Charge for immediate decision before execution of the work. The contractor alone shall be responsible for any loss or damage occurring by the commencement of work on the basis of any erroneous and or incomplete information and no claim, whatsoever shall be entertained on this account.

- 1.73 GST on Works Contract as applicable shall be deducted from payment made to the contractor.
- 1.74 The contractor shall have registration with EPFO and ESIC. The ESI and EPF contributions on the part of employer in respect of this contract shall be paid by the contractor. These contributions on the part of the employer paid by the contractor shall be reimbursed by the Engineer-in-charge to the contractor on actual basis.

PARTICULAR SPECIFICATION

1. The concrete mix design/laboratory tests with or without admixture shall be got done by contractor at his own cost and will be carried out by the contractor through one of the laboratory/Test houses as mentioned in 1.50 (viii) of Special Condition.

(i) Approved Lab/Govt. Engineering Institutions as directed by the Engineer-in-charge.

The various ingredients for mix design / laboratory tests shall be sent to the test houses through the Engineer-in-Charge and the samples of such aggregate & cement shall be preserved at site by the department

2. The contractor shall submit the mix design report from any of above approved laboratory for approval of Engineer-in-Charge within 30 days from the date of issue of letter of acceptance of the tender. No concreting shall be done until the mix design is approved by the Engineer-in-charge. In case of white portland cement and the likely use of admixtures in concrete with OPC/white portland cement the contractor shall design and test the concrete mix by using trial mixes with white cement and/or admixtures also for which nothing extra shall be payable.
3. In case of change of source or characteristic properties of the ingredients used in the concrete mix during the work, a revised laboratory mix design report conducted at laboratory established at site shall be submitted by the contractor as per the direction of the Engineer-in-Charge.

4. **Water Proofing Treatment**

The contractor shall associate himself with the specialized firm, to be approved by the Engineer-in-charge in writing, for water proofing treatment for basement/lower ground floor, underground tank and on roofs. Guarantee in the prescribed proforma attached with tender document shall be given by the specialized firm, for a period of ten years from the date after the maintenance period prescribed in the contract, which shall be counter signed by the contractor as token of overall responsibility. In addition 10% (ten percent) of the cost of water proofing items shall be retained as guarantee to watch the performance of the work done. However half of this retained amount will be released after five years, if the performance of the work done is found satisfactory. If however any defect is noticed during the guarantee period, it shall be rectified by the contractor within seven days of intimation. In case it is not attended to, the same will be got done by another agency at the risk and cost of the contractor. This guarantee deposit can however be released in full if a bank guarantee of equivalent amount for 10 years is produced and deposited with the department.

SPECIAL CONDITION FOR CEMENT

1.0 CEMENT

- 1.1 The contractor shall procure 43 grade ordinary Portland cement conforming to IS:8112 / Portland Pozzolana Cement conforming IS: 1489 (Part-I) as required in the work from the reputed manufacturers of cement such as ACC, Ultratech, Vikram, Shree Cement, Ambuja, Jaypee Cement, Century Cement J. K. Cement, Dalmia Cement, Star Cement, TAJ Cement, TOPCEM Cement and Amrit Cement or from any other reputed cement Manufacturer having a production capacity not less than one million tones per annum as approved by ADG, NER. Supply of cement shall be taken in 50kg 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 test results indicate that the cement arranged by the contractor does not conform to the relevant BIS codes, the same shall stand rejected and 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. Every fresh cement batch should be brought to site at least 30 days before they are to be used / consumed in the work.
- 1.2 The cement shall be brought at site in bulk supply of approximately 50 tonnes or as decided by the Engineer-in-Charge.
- 1.3 The cement godown of the capacity to store a minimum of 2000 bags requirement or lesser by Engineer-in-Charge shall be constructed by the contractor at site of work for which no extra payment shall be made. Double lock provision shall be made to the door of cement godown. The keys of one lock shall remain with Engineer-in-Charge or his authorized representative and 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 or his authorized representatives.
- 1.4 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 frequency and details of the tests shall be decided by the Engineer-in-Charge depending on the quantum of supply in each batch. The cost of tests shall be borne by the contractor.
- 1.5 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 38 of the contract and shall be governed by the conditions laid therein. In case the cement consumption is less than theoretical consumption including permissible variation, recovery at rate so prescribed shall be made. In case of excess consumption, no adjustment shall be made. Cement brought to site and cement remaining unused after completion of work shall not be removed from site without written permission of the Engineer-in-charge.
- 1.6 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.
- 1.7 The cement bags shall be stacked on proper floors consisting of two layers of dry bricks laid on well consolidated earth at a level of at least one foot above ground. The stacks shall be in rows of 2 and 10 bags high with minimum of 0.6m clear. Bags should be placed horizontally continuous in each line. Actual size / shape of godown shall be as per site requirement and nothing extra shall be paid on this account. The decision of Engineer-in-charge regarding capacity shall be final.
- 1.8 Cement register for the cement shall be maintained at site by the contractor. The account of daily receipts and issues of cement shall be maintained in the register in the proforma prescribed and signed daily by contractor or his authorized agent.

SPECIAL CONDITION FOR STEEL

1. The contractor shall procure TMT bars of **Fe 500D** grade or more from primary producers such as **SAIL, Tata Steel Ltd, RINL, Jindal Steel & Power Ltd and JSW Steel Ltd.**
 - 1.1 The TMT bars procured from primary producers shall conform to manufacture's specifications.
 - 1.2 TMT bars procured from primary producers, the specifications shall meet the provisions of IS 1786: 2008 pertaining to **Fe 500 D** or more grade of steel having elongation more than 14.5 % and confirm to other requirements.
2. The contractor shall have to obtain vouchers and furnish test certificates to the Engineer-in-charge in respect of all supplies of steel brought by him to the site of work.
3. Samples shall also be taken and got tested by the Engineer-in-charge as per the provisions in this regard in the relevant BIS codes. In case the test results indicate that the steel arranged by the contractor does not conform to the specifications as defined under para 1.1 and 1.2 above, 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 on written orders from the Engineer-in-charge to do so.
4. The steel reinforcement bars shall be brought to the site in bulk supply of 10 tonnes or more or as directed by the Engineer-in-charge.
5. The steel reinforcement bars shall be stored by the contractor at site of work in such a way as to prevent their distortion & 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.
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 at frequency not less than that specified below:

Size of bar	For consignment below 100 tonnes	For consignment over 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 60 tonnes or part thereof

7. All expenditure for testing to be incurred for testing of samples e.g. packaging, sealing, transportation, loading, unloading etc. including testing charges shall be borne by the contractor.
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 38 of the contract and shall be governed by the 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 needs to be made.
9. The steel brought to the site and the steel remaining unused shall not be removed from site without the written permission of the Engineer-in-charge
10. Steel bars 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.

11. If the quantity of steel actually used in the work is found to be more than the theoretical quantity of steel including authorized variation, nothing extra shall be payable to the contractor on this account. In the event of it being discovered that after the completion of the work the quantity of steel used is less than the quantity ascertained as herein before provided (allowing variation on the minus side as stipulated in **clause 38**). The cost of quantity of steel so less used shall be recovered from the contractor at rate as specified in schedule 'F'. Decision of the Engineer-in-Charge in regard to theoretical quantity of steel which should have been actually used and recovery of the rate specified shall be final and binding on the contractor.
12. In case the contractor brings 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.
13. Reinforcement including authorized spacer bars and lappings shall be measured in length of different diameters, as actually (not more than as specified in the drawing) used in the work, nearest to a centimeter. Wastage and unauthorized overlaps shall not be measured.
14. The standard sectional weights referred to as **in CPWD specifications for works 2019** Vol. 1 will be considered for conversion of length of various sizes of MS bars, Tor steel bars and TMT bars into standard weight.
15. Records of actual sectional weight shall also be kept dia.-wise & 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.
16. If the derived weight as in para 14 above is lesser than the standard weight as in para 13 above, the derived actual weight shall be taken for payment.

If the derived actual weight is found more than the standard weight than the standard weight as worked out in para 13 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.

17. Mixing of different type of steel/different grades of steel shall not be allowed in the same structural members as main reinforcement to satisfy clause 26.1 of IS:456.
18. Tolerances on Nominal Mass (individual sample) shall be as under:

Sl. No.	Nominal size mm	Tolerances on the Nominal Mass, percentage
1	Upto and including 10	-8%
2	Over 10 upto & including 16	-6%
3	Over 16	-4%

SPECIAL CONDITIONS FOR MAINTENANCE WORKS LIKE AR & MO, SPECIAL REPAIR, UPGRADATION, ADDITION & ALTERATION ETC.

1. The contractor shall take all necessary precautions to prevent any nuisance or inconvenience to the owners, tenants of adjacent properties and to the public in general and to prevent any damage to such properties and any pollution of smoke, streams and waterways. He shall make good at his cost and to the satisfaction of the Engineer-in-Charge, any damage to roads, paths, cross drainage works or public or private property whatsoever caused by the execution of the work or by traffic brought thereon by the contractor. Utmost care shall be taken to keep the noise level to the barest minimum so that no disturbance as far as possible is caused to the occupants/users of adjoining buildings.
2. Due to restriction on entry of heavy vehicles/truck the contractor has to make his own arrangement of small vehicle for transportation & nothing extra shall be paid on this account.
3. Due to security reasons, no land/space will be provided to contractor for store/fabrications/labour huts or any other purpose. Contractor has to make his own arrangement. Nothing extra shall be paid on this account.
4. Contractor may be required to execute the work under foul condition and nothing extra for executing the work in foul position/conditions is payable.
5. **Contractor shall give the Engineer-in-Charge on the 4th day of each month, a progress report of the work done during the previous month along with 4-6 Nos. of coloured photograph (8" * 14") of the work done. The progress of work will be reviewed periodically by the Engineer-in-charge with the contractor and shortfalls, if any, sorted out. The contractor shall thereupon take such action as may be necessary to bring back his work to schedule without additional cost to the department.**
6. The contractor has to work in restricted area and in restricted time due to security reasons. He shall be bound by the instruction of security staff and Engineer-in-charge in this respect.
7. Contractor shall provide name, father's name, residential address and other details i/c photo as may be required by the security staff for issue of photo pass to the labour engaged on work.
8. The Department shall arrange entry passed for inside the building only, if required.
9. All the serviceable materials obtained from dismantling will be property of the department and will be deposited to enquiry office stores as directed by Engineer-in-charge for which no extra payment shall be made.
10. **The contractor shall be responsible for the watch & ward of the bungalows/block/quarters, safety of all fittings and fixtures where upgradation work is to be executed under this agreement till the bungalow/block/quarter is physically handed over to the department. No extra payment shall be made in this account.**

11. Time allowed to complete each job in one bungalow/quarter shall be as follows:

Sl. No.	Activity
(i)	One toilet: 15 days from start of dismantling in each bungalow/quarter
(ii)	One Kitchen: 15 days from start of dismantling in each bungalow/quarter
(iii)	Internal/external finishing: 10 days from start of work of each bungalow/quarter
(iv)	AC/Fiber sheet shed : 7 days from start of work.
(v)	Ceramic tiles in one room : 3 days from start of work.

12. Wherever desired by Engineer-in-charge, the contractor shall also construct a sample unit complete in all respect within time specified by the Engineer-in-charge & this sample unit shall be got approved from the Engineer-in-charge before mass construction/ maintenance is taken up. No extra claim, whatsoever beyond the payment due at agreement rates, will be entertained to the contractor on this account.
13. Other agencies doing works related with this project will also simultaneously execute the work and the contractor shall afford necessary facilities for the same. The contractor shall leave such necessary holes, opening etc. for laying/burying in the work pipes, cables, conduits, clamps, boxes and hooks for fan clamps etc. as may be required for other agencies. Conduits for electrical wiring/cables will be laid in such a way that they leave enough space for concreting and do not adversely affect the structural members. Nothing extra over the agreement rates shall be paid for the same. The contractor shall extend necessary co-operation to other such agencies without any claim on this account.
14. Dismantling of cement concrete floors inside the quarters shall be done with the help of mechanized vibratory hammer, drills etc. The work shall be carried out in such a way that there should be least disturbance to the adjoining allottees and work should be completed within least possible time. The contractor must ensure that there should be no damage to the supporting RCC members.
15. All doors, windows, floors, furniture, electrical fittings and other articles shall be protected from dust, splashes & damages. Sufficient covering for the day's work shall be shown to the representative of the Engineer-in-charge before the contractor is allowed to proceed with the work, splashes & droppings from white washing, colour washing, distempering painting etc. on walls, floors, doors and window, down take pipes, furniture shall be removed by the contractor at his own cost and surface cleaned simultaneously after the completion of the day's work is done, without waiting for the actual completion of the other items of work of the contract. In case the contractor fails to comply with this requirement the Engineer-in-charge or his authorized representative shall be the right to get this work done at the risk and cost of the contractor either departmentally or through another agency without issue of any notice to the contractor, on his account. The representative of the Engineer-in-charge will however, mention about it in the site order Book employing the labour on the job at the contractor's cost.
16. Full quantity of material such as paint plastic emulsion paint, oil bound distemper etc. shall be deposited in sealed container in advance and get it checked by Engineer-in-charge before use.

17. The work of addition and alterations covered under the contract shall be carried in the individual quarters. The quarters/bungalows may be made available to the contractor for execution of work in piecemeal/ in parts, and the contractor shall execute the work in these quarters made available to him. The contractor shall not claim anything extra over agreement rates, due to execution of works in piecemeal manner.
18. Residential quarters/bungalows under upgradation shall be handed over to contractor in phased manner as required. However, contractor shall make arrangement for upgradation work for at least 4(four) bungalows/quarters at a time depending upon the urgency of the work.
19. Malba received from site shall be removed to designated site (fixed by Engineer-in-charge) on same day, otherwise a penalty of Rs. 1000/ day shall be imposed on the contractor for each day of default.
20. For mixing of mortar, M.S. sheet must be used over the brick platform. Mortar should not be mixed on road or floor or on garden. In case mortar/concrete is mixed on floor or on road etc., a recovery of Rs. 1000/- shall be made for each default. Malba should not be dumped over green grass/ plants.
21. Splashes on the floors, walls, glasses & other places must be removed after completion of work. Glass panes must be cleaned after completion of works. In the event of failure to clean splashes the work of cleaning will be got done at the risk and cost of the agency.
22. The contractor should note that the items of work in any room shall be undertaken at one time, one after the other and completed at one stretch in reasonable time allotted for the same by Engineer-in-charge and got noted by the Junior Engineer in charge. Any item left over in any building will be got done at his risk and cost without any further notice (other than one entry in the site order book) to the contractor after one day from the date of entry in the site order book.

**CONTRACT FOR REMOVAL OF DEFECTS AFTER COMPLETION IN RESPECT OF
WATER PROOFING WORKS**

(BASEMENT/LOWER GROUND FLOOR/UNDER GROUND TANK/ROOF)

The Agreement made this _____ day of _____ Two thousand and _____ between _____ son of _____ (hereinafter called the Guarantor of the one part) and the PRESIDENT OF INDIA (hereinafter called the Government of the other part).

WHEREAS THIS agreement is supplementary to a contract (hereinafter called the contract) dated _____ and made between the GUARANTOR OF THE ONE part and the Government of the other part, whereby the contractor, inter alia, undertook to render the buildings and structures in the contract recited completely water and leak-proof.

AND WHEREAS THE GUARANTOR agreed to give a guarantee to the effect that the said structures will remain water and leak-proof for ten years from the date after the maintenance period prescribed in the contract.

NOW THE GUARANTOR hereby guarantees that water proofing treatment given 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 maintenance period prescribed in the contract.

Provided that the Guarantor will not be responsible for the leakage caused by earthquake or structural defects or misuse of roof or alteration and for such purpose:

- (a) Misuse of roof shall mean any operation which will damage proofing treatment, like chopping of firewood and things of the same nature which might cause damage to the roof.
- (b) Alteration shall mean construction of an additional storey or a part of the roof or construction adjoining to existing roof whereby proofing treatment is removed in parts.
- (c) The decision of the Engineer-in –charge with regard to cause of leakage/seepage 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 at his cost and shall commence the work for the rectification within seven days from the date of issue of the notice from the Engineer-in–charge calling upon him to rectify the defects failing which the work shall be done by the department by some other agency contractor at the GUARANTOR’s risk and cost. The decision of the Engineer-in–charge as to the cost payable by the Guarantor shall be final and binding.

That if guarantor fails to make good all defects or commits breach there under then the Guarantor will indemnify the principal and his successors against all loss, damage, cost expense 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 the parties.

IN WITNESS WHEREOF these presents have been executed by the Obliger _____ and by _____ and for and on behalf of the PRESIDENT OF INDIA on the day, month and year first above written SIGNED, SEALED AND delivered by OBLIGOR in the presence of :

- 1.
- 2.

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

- 1.
- 2.

TO BE EXECUTED BY THE CONTRACTOR FOR REMOVAL OF DEFECTS AFTER COMPLETION IN RESPECT OF ALUMINIUM DOORS, WINDOWS VENTILATORS, STRUCTURAL GLAZING & PVDF COATED ALUMINIUM COMPOSITE PANEL WORKS

The agreement made this _____ day of _____ Two Thousand and _____ between _____ son of _____ (hereinafter called the GURANTOR of the one part) and the PRESIDENT OF INDIA (hereinafter called the Government of the other part.)

WHEREAS THIS agreement is supplementary to a contract (Hereinafter called the Contract) dated _____ and made between the GUARANTOR OF THE ONE PART AND the Government of the other part, whereby the contractor inter alia, undertook to render the work in the said contract recited structurally stable, leak proof and sound material, workmanship, anodizing, colouring, sealing.

AND WHEREAS THE GURANTOR agreed to give a guarantee to the affect that the said work will remain structurally stable, leak proof and guaranteed against faulty material and workmanship, defective anodizing, colouring, sealing and finishing for two years to be reckoned from the date after the expiry of maintenance period prescribed in the contract.

NOW THE GUARANTOR hereby guarantee that work executed by him will remain structurally stable, leak proof and guaranteed against faulty material and workmanship, defective anodizing, colouring, sealing and finishing for two 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 defects shall be final.

During this period of guarantee, the guarantor shall make good all defects to the satisfaction of the Engineer-in-charge at his cost and shall commence the work for such rectification within seven days from the date of issue of the notice from 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 risk and cost. 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 make good all the defects or commits breach there under, 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 ON BEHALF OF THE PRESIDENT OF INDIA BY _____
_____ in the presence of :

1. _____
2. _____

**LIST OF MACHINERY, TOOLS & PLANTS TO BE DEPLOYED BY THE CONTRACTOR
AT SITE AS & WHEN REQUIRED**

Sl. No.	Name of Equipment	Numbers
	Equipment for Concrete work	
1	Batch Mix Plant (minimum capacity 30 cum per hour)	1 No.
2	Concrete pump along with sufficient length of pipes and required accessories.	1 No.
3	Transit mixer	2 Nos.
4	Concrete mixer (diesel)	1 No.
5	Concrete mixer (electrical)	1 No.
6	Needle vibrator (electrical)	3 Nos.
7	Needle vibrator (petrol)	3 Nos.
	Equipment for Building work	
1	Bar bending Machine	1 Nos.
2	Bar cutting machine	2 Nos.
3	Drilling machine	1 No.
4	Welding machine	1 No.
5	Cube testing machines	1 No.
6	Steel shuttering	As per Additional Conditions Srl. No. 23
7	Steel double scaffolding	Minimum quantity of steel double scaffolding should be such that it should cover all-round the building upto terrace level at a time.
8	Moisture meter	1 No.
9	Vernier Caliper	2 Nos (01 No. digital & 01 No. manual).
10	Screw gauge	2 Nos (01 No. digital & 01 No. manual).
11	Digital Weighing machine with 1 gm least count of capacity 10 kg.	1 No.
12	Digital Weighing machine with 1 gm least count of capacity 200 kg.	1 No.
13	List of equipment to be provided in the lab	As per mentioned in Clause-10A of Schedule -“F”
	Equipment for transportation	
1	Tippers	2 Nos.
2	Trucks	2 Nos.
	Pneumatic equipment	
1	Air compressors (diesel)	Nil
	Dewatering equipment	
1	Pump (diesel)	1 No.
2	Pump (electric) (Desirable)	Nil
	Power equipment	
1	Diesel generator minimum 25 KV or more as required.	1 No.

LIST OF PREFERRED MAKES 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 materials 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.

A. General Materials.

Sl. No.	Materials	Brand/Manufacturer Name
1	Cement (OPC/PPC)	ACC, Ultratech, Vikram, Shree Cement, Ambuja, Jaypee Cement, Century Cement, J. K. Cement, Dalmia Cement, Star Cement, TAJ Cement , TOPCEM Cement and Amrit Cement .
2	Reinforcement Steel	SAIL, Tata Steel Ltd, RINL, Jindal Panther and JSW Steel Ltd. (Neo)
3	Galvanized plain/ Corrugated Sheets	Tata, Sail, Jindal, JSW.
4	Synthetic Enamel Paint/ Emulsion / steel/ wood primer	1 st quality paints of Asian Paints, Nerolac, & ICI ICI- Dulux paints, Jonson & Nicholson.
5	Acrylic washable Distemper	1 st quality paints of Asian Paints, Nerolac, & ICI ICI- Dulux paints, Jenson & Nicholson.
6	Water proofing cement paint, Primer	1 st quality paints of Asian Paints, Nerolac, & ICI ICI- Dulux paints, Jenson & Nicholson.
7	Premium Acrylic Smooth Exterior Paint with silicon additive	Asian Paints, Nerolac, Jenson & Nicholson.
8	SS doors handles, locks/ Mortice Latch and fittings	Godrej, Harrison, Doorset, Plaza, Yale, Dorma, Ozone, Geze, JPM.
9	White Cement	ACC, J.K. white, Birla-white.
10	Aluminum sections	Bhagwati Sai, Halco, Hindalco, Jindal, Indal, Bharuka., Indian Alumimum Co.
11	PVC Door frame and Shutters	Rajshree, Polyline, Duraplast, JAYNA.
14	Water proofing compound	CICO, FOSROC, Pidilite (ROFF/Dr.fixit), BASF, Ardex Endura (Bal Endura).
15	Structural Steel Sections	SAIL, TATA, RINL, Jindal Steel & Power Ltd, APL APOLLO, JSW Steel Ltd.
16	Steel Window & Pressed Steel Frames	Multiwin, Ajanta, United Engg.Works (Ramnagar), M/s SKS Steel Industries (Peeragarhi) .
17	Flush Door Shutters (IS:2202)	Greenply, Century, JAYNA, DURO BRAND, Archid Ply.
18	Dash / Anchoring Fasteners	HILTI, Fischer, BOSCH, Wurth.
19	Marine Plywood	Archid Ply Industries, Century, Green Ply.
20	Fire Retardant Plywood	Archid Ply Industries, Century, Green Ply.
21	Plywood	Archid Ply Industries, Century, Green Ply.
22	Block Board	Archid Ply Industries, Century, Green Ply.
23	Nuts /Bolts & Screws	Atul Fasteners Ltd, ITW BUILDEX and BUSTED, Corroshield, Pandey's Fasteners.

Sl. No.	Materials	Brand/Manufacturer Name
24	Admixtures	Fosroc, SIKA, BASF, MC-Bauchemie Ltd., Ardex Endura (Bal Endura), Pidilite Industries (ROFF/Dr.fixit).
25	Vitrified/Ceramic/glazed Tiles	Kajaria, Johnson, AGL, NITCO, RAK, Varmora & Somany.
26	Grout, Tile adhesive, Monomer Grout	Latecrete, Kerokoal, BASF, Ardex Endura, Ferrous Crete, Krishna conchem, Sika, CICO, Frecrete, Pidilite (ROFF/Dr.fixit)
27	Hydraulic door / floor spring	Godrej, Dorma, Everite, Doorset, Ozone, Geze, Assa Abloy, Yale, Hafele.
28	EPDM silicon Gasket	Hanu, Annand, Ameer rubber, Osaka, Eltech, Avigiri.
29	Cement based Wall putty	Birla, JK, Sara, Asian paints.
30	Clear glass/clear float glass/toughened glass	Saint Gobain, AIS, Modiguard.
31	Gypsum plaster	Ferrow-crete (Ecro-500), Gyproc (Elite -90), Ultratech, J.K.
32	Clear float glass	Saint Gobain, Ashahi India, Modi Float
33	Aluminum fittings	Nulite, Ebco, Sargent, Everite, Godrej, Hardima, classic, Alka, Jindal, Pulse.
34	Steel Fire rated doors	Sukri, Shakti-Metdoor, Navair, Adhunik technology, Saint Gobain, signom fire protection, Promat international.
35	Fire rated door fittings	Dorma, Geze, Assaabloy, Shakti Hormann.
36	AAC Block	Val-Kon-Crete, Shreecement, Biltech, HIL, Ultratech.
37	AAC block Adhesive	Ferrous Crete, Ultra Tech, Saint Gobain Weabr.
38	Crystalline water proofing	Pentron, Kryton, Chryso, Asian Paints.
39	Polysulphide Sealent	Fosroc, Pidilite Industries (ROFF/Dr.fixit), Tuffseal, Sika BASF, Asian Paints.
40	Seismic Expansion Joints	Hercules Structures System, Sanfiled
41	Calcium Silicate false ceiling tiles	Aerolite, Armstrong, Hilux.
42	Metal false ceiling	Armstrong, Saint Gobain, Hunter Douglas, Diamond ceiling.
43	Gypsum Board false ceiling	Saint Gobain, Lafarge, Boral Board, Armstrong, Anutone.
44	Polycarbonate Sheet	Gallina India, Polygal India, Plastron India, Danpal, DPI, LEXAN, GE Plastic, Day lighting.
45	Ceramic steel Green chalkboard	Vision Ad Boards, Excel Boards, Writemark Boards.
Sanitary fixtures and Faucets.		
1	Vitreous China Sanitary Ware fittings & accessories	Parryware, Hindware, Cera, Nycer, Jaquar, Kohler, Roca.
2	CP Fittings (IS 8931)	Jaquar, Kohler, Marc (Premium quality), Hindware, PRIMA (Standard Quality) with water saving features.
3	Plastic seat cover of WC	Original WC brand, Hindware, Commander, Diplomat.
4	PVC Flushing Cistern (IS:7231)	Hindware (Slim line), Commander, Hindustan
5	Infrared Sensor operated Faucets	Roca, Kohler, AOS-Robo, Encon, Utech, Lopal
6	Stainless Steel Sink (IS:13983)	Nirali, JAYNA, ALLEX, Neelkanth
7	Mirror	Atul, Jolly, Modiguard, Saint Gobain

Sl. No.	Materials	Brand/Manufacturer Name
8	PVC tanks	Sintex, Polycone, Patton.
9	CI Manholes Frames & Covers	NECO, RIF, SKF, BIC
10	Ball valves/Water supply valves (IS:1703)	ZOLOTO, Leader, PRIMA

<u>Pipes and Fittings</u>		
1	Centrifugally Cast (Spun) Iron soil, waste and vent pipes and fittings	Jaiswal, NECO, HEPCO., BIC, RIF
2	PVC, UPVC Soil, Waste, rain water and Vent pipes and fittings	Supreme, Prince, Finolex, Ashirvad, Skipper.
3	G.I. Pipes	TATA, Jindal Hissar, APL-APOLLO , Prakash-Surya, Bhushan Power & Steel
4	G.I. Fittings	“R” Brand, Unik, Zoloto
5	C.I. Class LA Pipes	Electro Steel, Kesoram, Jindal, Kartar
6	Stone ware pipes	Bhaskar, Anand, Perfect, Parry
7	R.C.C. Pipes	ISI marked of approved Quality
8	CPVC Pipes and Fittings	Supreme, Astral, Ashirvad, Skipper.
9	CI Sluice valve	Kirloskar, IVC, Sondhi, Kejriwal
10	MS Pipe	TATA, Jindal Hissar, APL APOLLO.
11	SS sheet for pipes	Jindal, Rampart, POSCO, J-Press
12	PTMT Bath fittings	PARAYAG, PRIMA, PEARL,
13	Gun metal Gate Valve	LEADER, SANT, PRIMA
14	PPR Pipe	SFMC, Fusion
All other items shall be of ISI marked/as per approved sample kept at site of work.		

SCHEDULE OF WORK

Name Of Work: - C/o A-Type School Building and staff Qtrs. (T-II 04 Nos (G+1), Type-III-04 Nos. (G+1), & type-IV-01 No. (G+1) including development works at Kendriya Vidyalaya, Gokulnagar, Bishalgarh, Sipahijala, Tripura(SH:- Providing Services by deploying Manpower on contractual basis in the office of the Chief Engineer, CPWD Agartala) 3rd call.

<i>Item No.</i>	<i>Description of Item</i>	<i>Quantity</i>	<i>Unit</i>	<i>Rate</i>	<i>Amount</i>
1	Providing Services of Skilled Data entry Operator (Well Conversant with Computers and Well trained in MS Excel, MS power point, MS word etc. and knowledge in LAN functioning) for data entries on computer in Microsoft office programmed by taking direct dictation, uploading and downloading various data from internet, typing work in English/Hindi as assigned by the officials when required in full month daily basis from 9.30 AM to 6.00 PM with half an hour lunch break as per the direction of Engineer in Charge.	6.00	Per Month	26275.90	157655.40
2	Providing Semi-Skilled services to the Zonal office and Architect Office as per the requirement and when required in full month daily basis from 9.30 AM to 6.00 PM with half an hour lunch break as per the direction of Engineer.	36.00	Per Month	21868.55	787267.80
3	Providing unskilled- services to the Zonal / Divisional office and Architect Office for sweeping the office campus, Mopping floor at office room and corridors, cleaning and washing office toilet and periphery of office building etc. and other miscellaneous works as and when required in full month daily basis from 7.00 AM to 3.30 PM with half an hour lunch break as per direction of Engineer in Charge.	30.00	Per Month	18706.02	561180.60
4	Providing services of an architectural assistant on daily contractual basis as and when required during office hours and working days with half an hour lunch break as per the direction of Head of the office with valid educational qualification. (Note : The person employed as Architectural Assistant should have a graduation in architecture from a recognised institution) and should be able to understand all sorts of architectural issues/drawings and perform architectural works as assigned by the Architect.	6.00	Per Month	30885.12	185310.72
				Total Rs.	16,91,414.52
				Say Rs.	16,91,415.00

PART "C"

CENTRAL PUBLIC WORKS DEPARTMENT

N.I.T. NO: 14/NIT/EE/TCD-I/AGT/2026-27

C/o A-Type School Building and staff Qtrs. (T-II 04 Nos (G+1), Type-III-04 Nos. (G+1), & type-IV-01 No. (G+1) including development works at Kendriya Vidyalaya, Gokulnagar, Bishalgarh, Sipahijala, Tripura(SH:- Providing Services by deploying Manpower on contractual basis in the office of the Chief Engineer, CPWD Agartala) 3rd call..

SCHEDULE OF QUANTITY

Name of the Contractor					
Sl. No.	Name of component	Estimated cost (Civil Works) (in ₹)	Percentage above or below the estimated cost	% in Figures	Total Cost (in ₹)
1	2	3	4	5	6
1.	C/o A-Type School Building and staff Qtrs. (T-II 04 Nos (G+1), Type-III-04 Nos. (G+1), & type-IV-01 No. (G+1) including development works at Kendriya Vidyalaya, Gokulnagar, Bishalgarh, Sipahijala, Tripura(SH:- Providing Services by deploying Manpower on contractual basis in the office of the Chief Engineer, CPWD Agartala) 3rd call.				
	Civil =	₹ 16,91.415.00			
	Grand Total =	₹ 16,91.415.00			

1. The Column Nos 4 & 5 are mandatory to be filled by the bidders/tenderers. If all these columns are left blank, the tender become invalid.
2. The amount in figures in column No.6 shall appear automatically corresponding to the percentage quoted in column No.4 & 5.
3. The tenderer is required to quote the percentage only above or below or at par with the estimated cost to cover all the rates of item covered under the respective packages.
4. The percentage shall be written in 2 (two) place of decimal.
5. If the percentage selection in column No 4 is "At Par", by default the percentage will be considered as "Zero" only. In other words, if "At par" is selected in column No.4, then no need to fill column No.5.

Signature of Contractor

**Executive Engineer,
Tripura Central Division-I.**

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