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Government of India
Central Public Works Department

Name of Work: - Repairing and Overhauling of Iron Removal Filtration Plant at SB, Hatikanda during 2025-26

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Certified that this NIT document consists of Page No. 1 to 101 and this Index page and Schedule of Quantities at Page No. C-1 to C-2

Sr.D/Man
BCD-II, CPWD, Barasat

Assistant Engineer (P)
BCD-II, CPWD, Barasat

Approved

Executive Engineer
BCD-II, CPWD, Barasat

Addition .. NIL
Deletion .. NIL
Correction.. NIL
Overwriting.. NIL



CENTRAL PUBLIC WORKS DEPARTMENT
NOTICE INVITING e-TENDERS

The Executive Engineer, Barasat Central Division-II, CPWD, Barasat (contact No. No.9955041158, e-mail Id: bcdiicpwd@gmail.com) on behalf of the president of India, invites online percentage rate bids from approved and eligible registered contractors of CPWD in appropriate category of building and road for the following work(s):-

NIT No: 16/EE/BCD-II/2026-27 Recal1

Name of Work: Repairing and Overhauling of Iron Removal Filtration Plant at SB, Hatikanda during 2025-26

Estimated Cost put to tender: **Rs. 2,44,256.00**

Time of completion: **12(Twelve) months**

Earnest Money: **Rs 4,885.00**

Last Time & date of submission of Bid: - **upto 3.00 PM on 14/07/2026**

Time & date of opening of Bid: - **3.30 PM on 14/07/2026**

The tender forms and other details can be obtained from website <http://etender.cpwd.gov.in>.

Note: - Applicants are advised to keep visiting the above mentioned web-sites from time to time (till the deadline for bid submission) for any updates in respect of the tender documents, if any. Failure to do so shall not absolve the applicant of his liabilities to submit the applications complete in all respect including updated thereof, if any. An incomplete application may liable for rejection.

Executive Engineer
BCD-II, CPWD, Barasat

Addition .. NIL
 Deletion .. NIL
 Correction.. NIL
 Overwriting.. NIL

**INFORMATION AND INSTRUCTIONS FOR CONTRACTORS FOR e-TENDERING FORMING
PART OF NIT AND TO BE POSTED ON WEBSITE
(Applicable for inviting open tenders)**

The Executive Engineer, Barasat Central Division-II, CPWD, Barasat on behalf of President of India invites online percentage rate bids from approved and eligible contractors of CPWD provided they produce definite proof from the appropriate authority, not below the rank of Executive Engineer which shall be to the satisfaction of the competent authority, of having satisfactorily completed (1) Three similar completed works each value of 40% or not less than Rs.97,702/- (2) Two similar completed works each value of 60% or not less than Rs.1,46,554/- (3) One similar completed work each value of 80% or not less than Rs.1,95,405/- during the last 7 (seven) years ending last day of the month previous to the one which the tenders are invited. The works completed upto previous day of last date of submission of tenders shall also be considered for the following work(s):

Similar work means "Overhauling of Iron Removal Filtration Plant"

Sl. No.	N.I.T No.	Name of work & Location	Estimated Cost put to tender	Earnest Money	Period of Completion	Last date & time of submission of tender	Time & date of opening of bid
1	2	3	4	5	6	7	8
1	16/EE/BCD-II/2026-27 Recal1	Repairing and Overhauling of Iron Removal Filtration Plant at SB, Hatikanda during 2025-26	Rs. 2,44,256.00	Rs.4,885.00	12(Twelve) months	Upto 14/07/2026 at 15:00 Hrs	At 14/07/2026 at 15:30 Hrs

- The intending bidder must read the terms and conditions of CPWD-6 carefully. He should only submit his bid if he considers himself eligible and he is in possession of all the documents required.
- Information and Instructions for bidders posted on website shall form part of bid document.
- The bid document consisting of plans, specifications, the schedule of quantities of various types of work to be executed and the set of terms and conditions of the contract to be complied with and other necessary documents can be seen and downloaded from website <https://etender.cpwd.gov.in> or www.cpwd.gov.in free of cost.
- But the bid can only be submitted after deposition of original EMD either in the office of the Executive Engineer inviting bids or division office of any Executive

Addition .. NIL
Deletion .. NIL
Correction.. NIL
Overwriting.. NIL

Engineer, CPWD within the period of bid submission and uploading the mandatory scanned documents such as Demand Draft or Pay Order or Bankers Cheque or deposit at Call Receipt or Fixed deposit Receipt and Bank guarantee of any schedule Bank towards EMD in favour of Executive Engineer as mentioned in NIT, receipt for deposition of original EMD to Division office of any Executive Engineer (including NIT issuing EE / AE), CPWD and other documents as specified.

The Contractors registered prior to 01/04/2015 on e-tendering portal of CPWD shall have to be deposit tender processing fee at exiting rates, or they have option to switch over to the new registration system without tender processing fee any time.

5. The enlistment of the contractors should be valid on the last date of submission of tenders. In case, only the last date of submission of tender is extended, the enlistment of contractors should be valid on the original date of submission of tenders.
6. Those contractors not registered on the website mentioned above, are required to get registered beforehand. If needed they can be imparted training on online bidding process as per details available on the website.
7. The intending bidder must have valid digital signature to submit the bid.
8. On opening date, the contractor can login and see the bid opening process. After opening of bids he will receive the competitor bid sheets.
9. Contractor can upload documents in the form of JPG format and PDF format.
10. Contractor must ensure to quote rate of each item. The column meant for quoting rate in figures appears in pink color and the moment rate is entered, it turns sky blue.
In addition to this, while selecting any of the cells a warning appears that if any cell is left blank the same shall be treated as "0".
Therefore, if any cell is left blank and no rate is quoted by the bidder, rate of such item shall be treated as "0" (ZERO).
However, 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.
11. ~~SC/ST contractors enlisted under class V category are exempted from processing fee payable to ITH.~~
12. All the receipts to be received as Earnest Money, Performance Guarantee Money, Late Fee, Deposits of works etc. should made only through E-Payment/NEFT/RTGS using Non-Tax Receipt Portal (NTRP) of the Government of India for which they have to register themselves in Bharatkosh.gov.in before making payments. The following references should be taken care of while making payments with regards to following division:-

Addition .. NIL
Deletion .. NIL
Correction.. NIL
Overwriting.. NIL

1	Purpose	Deposit Works, Earnest Money, Performance Guarantee, Late Fee
2	Payment Type	a. Part-2, for Earnest Money b. Part-3, for Deposit of Works c. Part-5, for Performance Guarantee d. Others for Late Fee
3	Ministry	(030) Urban Development & Urban Poverty Alleviation
4	Pay & Accounts Office (PAO)	043460 – PAO (East Zone), CPWD, Kolkata
5	Drawing & Disbursing Officer (DDO)	110020 – Executive Engineer, Barasat Central Division-II, CPWD, Barasat

13. List of mandatory documents to be scanned and uploaded within the period of bid submission:

- (i) Treasury Challan or Demand Draft or Pay order or Banker`s Cheque or Deposit at Call Receipt or Bank Guarantee of any scheduled bank against EMD (To be drawn in favour of Executive Engineer, BCD-II, CPWD, Barasat).
- (ii) Certificate of work experience of execution of similar works in the form of definite proof of completed work from the appropriate authority (Not below the rank of Executive Engineer or Equivalent)
- (iii) Enlistment Order of Contractor. Also, all the existing eligible contractor of CPWD are allowed to participate in this tender who have given the consent to enlisting authority for change into composite category. However, they will require uploading a copy of consent letter duly acknowledged by the office o enlisting authority as well as copy of existing enlistment order.
- (iv) GST Registration Certificate, if already obtained by the bidder.
If the bidder has not obtained GST registration “as applicable” then he shall scan and upload following undertaking along with bid documents. “If work is awarded to me, I/we shall obtain GST registration Certificate, “as applicable”, within one month from the date of receipt of award letter or before release of any payment by CPWD, whichever is earlier, failing which I/We shall be responsible for any delay in payments which will be due towards me/us on account of the work executed and/or for any action taken by CPWD or GST department in this regard.
- (v) Certificate of Registration with EPFO & ESIC.
- (vi) Contact details of the agency i.e. Complete Postal Address, Email ID No., Contact No. or Mobile No. etc.
- (vii) Copy of receipt for deposition of original EMD to Division office of any Executive Engineer (including NIT issuing EE/AE) of CPWD.
- (viii) **An affidavit on Rs.100 stamp paper duly attested by notary after publishing of tender with Name of Work & NIT number is to be uploaded as regard to that “I/we have not been debarred suspended for tendering in CPWD till the last date of submission of bid”.**

Physical submission of documents by lowest bidder.

Self-attested copy of all the scanned and uploaded documents as specified in press notice/ CPWD-6, anywhere in the NIT shall have to be submitted by the lowest bidder only along with Original receipt of deposition of EMD within a week of opening of the bid, in the office of tender opening authority. (The week includes the day of opening of bid).

Addition .. NIL
Deletion .. NIL
Correction.. NIL
Overwriting.. NIL

CPWD – 6 for e-tendering
GOVERNMENT OF INDIA
CENTRAL PUBLIC WORKS DEPARTMENT
NOTICE INVITING BID
(Refer SOP No. 4/8 & 4/9)

Item rate/percentage rate composite bids are invited by Executive Engineer, Barasat Central Division-II, CPWD, Barasat on behalf of President of India from approved and eligible contractors of CPWD who executed similar specialized job provided they produce definite proof from the appropriate authority, not below the rank of Executive Engineer which shall be to the satisfaction of the competent authority, of having satisfactorily completed (1) Three similar completed works each value of 40% or not less than Rs.97,702/- (2) Two similar completed works each value of 60% or not less than Rs.1,46,554/- (3) One similar completed work each value of 80% or not less than Rs.1,95,405/- during the last 7 (seven) years ending last day of the month previous to the one which the tenders are invited. The works completed upto previous day of last date of submission of tenders shall also be considered for the work of **“Repairing and Overhauling of Iron Removal Filtration Plant at SB, Hatikanda during 2025-26”**
Similar work means “Overhauling of Iron Removal Filtration Plant”

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

1.1 The work is estimated to cost **Rs. 2,44,256.00** 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 bidders will correspond to the combined estimated cost of different components put to bid.

1.2.1 Criteria of eligibility for CPWD as well as non-CPWD contractors

Similar works mention below during last 7 (seven) years ending last day of the month previous to the one which the tenders are invited. The works completed up to previous day of last date of submission of tenders shall also be considered.

(i)	Three similar completed works each value 40% or not less than	Rs. 97,902.00
(ii)	Two similar completed works each value 60% or not less than	Rs. 1,46,554.00
(iii)	One similar completed work each value 80% not less than	Rs. 1,95,405.00

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

2. Agreement shall be drawn with the successful bidders on prescribed Form No. CPWD 7 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.

Addition .. NIL
 Deletion .. NIL
 Correction.. NIL
 Overwriting.. NIL

3. The time allowed for carrying out the work will be **12(Twelve) months** 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. (i) The site will be handed over in phased manner.

OR

The site for the work shall be made available in parts as specified below:-

(ii) The details 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.

OR

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 for the 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/revise the 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 it 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 in the form Treasury Challan or Demand Draft or Pay order or Banker's Cheque or Deposit at Call Receipt or Fixed Deposit Receipt (drawn in favour of **Executive Engineer, BCD-II, CPWD, Barasat**) 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 uploaded by tender inviting EE in the NIT.

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

A part of earnest money is acceptable in the form of bank guarantee also. In such case, minimum 50% of earnest money or Rs. 20 lakh, whichever is less, shall have to be deposited in shape prescribed above, and balance may be deposited in shape of Bank Guarantee of any scheduled bank having validity for six months or more from the last

Addition .. NIL
Deletion .. NIL
Correction.. NIL
Overwriting.. NIL

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 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 notice shall have to be submitted by the lowest bidder only within a week physically in the office of tender opening authority. Online bid documents submitted by intending bidders shall be opened only of those bidders, whose EMD deposited In Prescribed manner with any division office of CPWD and other documents scanned and uploaded are found in order. The bid submitted shall be opened **at 03.30 PM on 14/07/2026**

9(A) 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.

10. 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.
- (iii) The bidder does not upload all the documents (including GST registration/Undertaking) as stipulated in the bid document including the copy of receipt for deposition of original EMD.
- (iv) If any discrepancy is noticed between the documents as uploaded at the time of submission of bid and hard copies as submitted physically by the lowest tenderer in the office of tender opening authority.
- (v) If a tenderer quotes nil rates against each time 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.

11. The Contractor whose tender is accepted, will be required to furnish performance guarantee at specified percentage of the tendered amount as mentioned in Schedule 'E' and within the period specified in Schedule F. This guarantee shall be in the form of cash (in case guarantee amount is less than Rs. 10000/-) 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 Rs. 1,00,000/-) or Government Securities or Fixed Deposit Receipts or Guarantee Bonds of any Scheduled Bank or the State Bank of India in accordance with as prescribed in Sl No. 12 /Page-3. 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.

Addition .. NIL
Deletion .. NIL
Correction.. NIL
Overwriting.. NIL

12. The description of the work is as follows:

Repairing and Overhauling of Iron Removal Filtration Plant at SB, Hatikanda during 2025-26

Intending Bidders are advised to inspect and examine the site and its surroundings and satisfy themselves before submitting their bids as to the nature of the ground and sub-soil (so far as is practicable), the form and nature of the site, the means of access to the site, the accommodation they may require and in general shall themselves obtain all necessary information as to risks, contingencies and other circumstances which may influence or affect their bid. A bidder shall be deemed to have full knowledge of the site whether he inspects it or not and no extra charge consequent on any misunderstanding or otherwise shall be allowed. The bidders shall be responsible for arranging and maintaining at his own cost all materials, tools & plants, water, electricity access, facilities for workers and all other services required for executing the work unless otherwise specifically provided for in the contract documents. Submission of a bid by a bidders implies that he has read this notice and all other contract documents and has made himself aware of the scope and specifications of the work to be done and of conditions and rates at which stores, tools and plant, etc. will be issued to him by the Government and local conditions and other factors having a bearing on the execution of the work.

13. The competent authority on behalf of the President of India does not bind itself to accept the lowest or any other bid and reserves to itself the authority to reject any or all the bids received without the assignment of any reason. All bids in which any of the prescribed condition is not fulfilled or any condition including that of conditional rebate is put forth by the bidders shall be summarily rejected.
14. Canvassing whether directly or indirectly, in connection with bidders is strictly prohibited and the bids submitted by the contractors who resort to canvassing will be liable for rejection.
15. The competent authority on behalf of President of India reserves to himself the right of accepting the whole or any part of the bid and the bidders shall be bound to perform the same at the rate quoted.
16. The contractor shall not be permitted to bid for works in the 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.
17. No Engineer of Gazetted Rank or other Gazetted Officer employed in Engineering or Administrative duties in an Engineering Department of the Government of India is allowed to work as a contractor for a period of one year after his retirement from Government service, without the prior permission of the Government of India in

Addition .. NIL
 Deletion .. NIL
 Correction.. NIL
 Overwriting.. NIL

writing. This contract is liable to be cancelled if either the contractor or any of his employees is found any time to be such a person who had not obtained the permission of the Government of India as aforesaid before submission of the bid or engagement in the contractor's service.

18. The bid for the works shall remain open for acceptance for a period of 30(Thirty) days from the date of opening of bid. If any bidder withdraws his bid before the said period or issue of letter of acceptance, whichever is earlier, or makes any modifications in the terms and conditions of the bid which are not acceptable to the department, then the Government shall, without prejudice to any other right or remedy, be at liberty to forfeit 50% of the said earnest money as aforesaid. Further the bidders shall not be allowed to participate in the rebidding process of the work.
19. GST and all other tax as applicable, Education Cess, etc. shall be payable by the contractor and Government will not entertain any claim whatsoever in respect of the same.
20. 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 7 or other Standard C.P.W.D. Form as applicable and as amended upto previous day to the last date of bid submission.
21. **The intending bidders are required to update their profile in CPWD e-tender portal and upload their bids well in advance of last date of submission of tender. Any issue related to updating profile /uploading tender can be resolved through the concerned Executive Engineer/ Assistant Engineer (Phone No.9955041158 e-mails Id: bcddicpwd@gmail.com) or ERP help line no 18001803286 or e-mail Id cpwd.support@techmahindra.com. The e-tendering bidders are also advised not to wait raise any issues till the last date of submission of bid in their own interest. (As Per DG OM No- DG/SOP/36 dated 25.03.2022).**
22. In case any discrepancy is noticed between the documents as uploaded at the time of submission of the bid online and hard copies as submitted physically in the office of Executive Engineer, then the bid submitted shall become invalid and the Government shall, without prejudice to any other right or remedy, be at liberty to forfeit 50% of the said earnest money as aforesaid. Further the tenderer shall not be allowed to participate in the re-tendering process of the work.

**Executive Engineer
For & on behalf of President of India**

Addition .. NIL
Deletion .. NIL
Correction.. NIL
Overwriting.. NIL

PERCENTAGE RATE TENDER & CONTRACT FOR WORKS

Tender for the work of: - **Repairing and Overhauling of Iron Removal Filtration Plant at SB, Hatikanda during 2025-26**

To be submitted/ uploaded by 14/07/2026 hours on 15:00 Hrs. to the Executive Engineer, Barasat Central Division-II, CPWD, Barasat uploaded at <https://etender.cpwd.gov.in> or www.cpwd.gov.in

- (i) To be opened in presence of tenderers who may be present at 15:30 hrs. on 14/07/2026 in the office of the Executive Engineer, Barasat Central Division-II, CPWD, Barasat.

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 respect with the specifications, designs, drawing 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 respect of accordance with, such conditions so far as applicable.

We agree to keep the tender open for 30(Thirty) days from the date of opening of bids and not to make any modification in its terms and conditions.

A sum of **Rs. 4,885.00** is hereby forwarded in cash/receipt treasury challan/deposit at call receipt of a scheduled bank/fixed deposit receipt of scheduled bank/demand draft of a scheduled bank/bank guarantee issued by a scheduled bank as earnest money. A copy of earnest money in issued by a scheduled 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 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 or Performance Guarantee as aforesaid, I/We shall be debarred for participation in the re-tendering process of the work.

I/We undertake and confirm that eligible similar work(s) has/have not been got

Addition .. NIL
Deletion .. NIL
Correction.. NIL
Overwriting.. NIL

executed through another contractor on back to back basis. Further that, if such a violation comes to the notice of Department, then I/We shall be debarred for tendering in 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.

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 Contractor

Witness:

Postal Address

Address:

Occupation:

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..... * Rs.)

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

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

For & on behalf of the President of India.

Dated: *

Signatures..... *
 Designation..... *

Addition .. NIL
 Deletion .. NIL
 Correction.. NIL
 Overwriting.. NIL

PROFORMA OF SCHEDULES

(Separate Performa for Civil Works in case of Tenders)
(Operative Schedules to be supplied separately to each intending tenderer)

SCHEDULE 'A'

Schedule of quantities (as per PWD-3) :	Page No. C-1 to C-2
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SCHEDULE 'B'

Schedule of materials to be issued to the contractor:

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

SCHEDULE 'C'

Tools and plants to be hired to the contractor as required for the purpose of execution and completion of work

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

SCHEDULE 'D'

Extra schedule for specific requirements/document for the work, if any: As attached in tender documents.

SCHEDULE 'E'

Reference to General Conditions of contract.	GCC for CPWD works - 2023(Maintenance) as amended/ modified upto last date of submission of tender.
Name of work	Repairing and Overhauling of Iron Removal Filtration Plant at SB, Hatikanda during 2025-26
Estimated cost of work	Rs. 2,44,256.00
(i) Earnest money	Rs. 4,885.00
(ii) 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 Estimated Cost Put to Tender (ECPT), the Performance Guarantee, in addition to the requirement under (a) above, shall be increased by an amount equal to the difference between eighty percent (80%) of the ECPT and the tendered amount.
(iii) Security Deposit	2.5 % of tender value

SCHEDULE 'F'

GENERAL RULES & DIRECTIONS:	
Officer inviting tender :	Executive Engineer, Barasat Central Division-II, CPWD, Barasat
Maximum percentage for quantity of items of work to be executed beyond which rates are to be determined in accordance with Clauses 12.2 & 12.3:	See appropriate Clause under definition below
Definitions:	Addition .. NIL Deletion .. NIL Correction.. NIL Overwriting.. NIL

2(vi)	Engineer-in-Charge (For Civil Work) :	Executive Engineer, Barasat Central Division-II, CPWD, Barasat or successor thereof.
	Engineer-in-Charge (For E&M Work) :	Executive Engineer(El), Barasat Central Electrical Division, CPWD, Salt Lake, Kolkata or successor thereof.
2(vii)	Director General/CPWD Directorate	It includes Director General/ Special Director General (Kolkata)/ SE-Barasat
	Successor	Any authority as notified by the CPWD Directorate before, during or after execution of work/ Agreement
2(viii)	Accepting Authority:	Executive Engineer, Barasat Central Division-II, CPWD, Barasat or successor thereof.
2(x)(a)	Percentage on cost of materials and labour to cover all overheads and profits :	15%
2(x)(b)	Standard Schedule of Rates	Market Rate
2(xi)	Department	Central Public Works Department
2(xvi)	Extra item	Those Item which are not available in the contract a. Non-schedule Extra items are those items which are not available in the standard scheduled of Rates specified in schedule F b. Scheduled Extra items are those items which are available in the standard schedule of Rates specified in Schedule F
2(xvii)	Completion cost	The completion cost includes gross amount of work done, amount of extra items and deviations and escalation admissible as per agreement etc.
9(ii)	Standard CPWD contract Form GCC 2023 (Maintenance)	GCC 2023(Maintenance), CPWD Form 7 as modified & corrected upto last date of submission of tender (whether correction vide latest circulars are incorporated or not in this document)

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 :	07 days
(ii)	Maximum allowable extension with late fee @ 0.1% per day of Performance Guarantee amount beyond the period provided in (i) above :	03 days

Addition .. NIL
Deletion .. NIL
Correction.. NIL
Overwriting.. NIL

Clause 2

Authority for fixing compensation under clause 2 :	Superintending Engineer, Barasat Central Circle, CPWD, Barasat or successor thereof.
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Clause 2A

Whether Clause 2A shall be applicable	N.A.
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Clause-3: Applicable as modified/as per amendment upto date till the date of acceptance of tender

Clause 5

Number of days from the date of issue of letter of acceptance for reckoning date of start	10 days
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Clause 5.2 Delay due to reasons beyond the control of both parties

Nature of Hindrance Register	As per OM No. DG/MAN/394 Dated : 28/01/2020
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Mile stone(s) as per table given below:-

SL No.	Financial Progress	Time Allowed (From date of start)	Amount to be with-held in case of non-achievement of milestone
1	Full work	12 months	In the event of not achieving the necessary progress as assessed from the running payments, 5% of the tendered value of work will be withheld for failure of milestone.

Time allowed for execution of work	12 Months
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Authority to decide :

(i)	Extension of time and authority to convey the decision of shifting of milestone	:	Executive Engineer, Barasat Central Division-II, CPWD, Barasat or Successor thereof
(ii)	Authority to decide rescheduling of mile stone	:	Superintending Engineer, Barasat Central Circle, CPWD, Barasat or successor thereof.
(iii)	Shifting of date of start in case of delay in handing over of site	:	Superintending Engineer, Barasat Central Circle, CPWD, Barasat or successor thereof.

Proforma of Schedule Clause 5 schedule of handing over the site

Part A	Portion of Site	Description	Time period for handling over reckoned from date of issue of letter of intent
Part-A	Portion without any hindrance	Full site	10 (Ten) days
Part-B	Portion with encumbrances	NA	NA
Part-C	Portion dependent on work of other agencies	NA	NA

Addition .. NIL
 Deletion .. NIL
 Correction.. NIL
 Overwriting.. NIL

Clause 6

Computerized Measure Book (CMB)/ Electronic Measurement Book (EMB)

(i) Mode of measurement: CMB/~~EMB~~

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	Rs.01.00 lacs for civil component or as decided by Engineer-in-Charge
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Clause 7A

Whether Clause 7A shall be applicable -	Yes No Running Account Bill shall be paid for the work till the applicable labour licenses, registration with EPFO, ESIC and BOCW Welfare Board, whatever applicable are submitted by the contractor to the Engineer-in-Charge.
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Clause 10A: List of testing equipment to be provided by the contractor at site lab.

Sl. No.	Name of Equipment	Numbers
1	Excavators (various sizes)	1 No.
	Equipment for hoisting & lifting	
1	Tower Crane	NIL
	Equipment for Concrete work	
1	As per agreement item	One or more as per site requirement
2	Concrete pump (Desirable)	1 No.
3	Concrete Transit Mixer	As per site requirement
4	Concrete mixer (diesel)	1 No.
5	Concrete mixer (electrical)	1 No.
6	Needle vibrator (electrical)	2 Nos.
7	Needle vibrator (petrol)	2 Nos.
8	Surface vibrator	2 Nos.
	Equipment for Building work	
1	Bar bending Machine	1 No.
2	Bar cutting machine	1 No.
3	Drilling machine	Nil
4	Wall grooving machine for chase cutting	2 Nos.
5	Welding machine i/c transformer	2 Nos.
6	Rig machine	NIL
7	Cube testing machines	1 No.
8	M.S. pipes	As per requirement but not less than 2.5 times plinth area of a typical floor or as directed by Engineer-in- Charge
9	Steel shuttering	
10	Steel scaffolding	
11	Grinding/polishing machines	1 No.
	Equipment for transportation	

Addition .. NIL
Deletion .. NIL
Correction.. NIL
Overwriting.. NIL

1	Tippers	As per site requirement
2	Trucks	
	Pneumatic equipment	
1	Air compressors (diesel)	1 No.
	Dewatering equipment	
1	Pump (diesel)	1 No.
2	Pump (electric) (Desirable)	1 No.
	Power equipment	
1	Diesel Generator	1 No.

Clause 10B(ii)

Whether Clause 10 B (ii) shall be applicable	No.
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Clause 10C

Component of labour expressed
as percent of total value of component of work

Not Applicable
25%

Clause 10CA

Not Applicable

Sl. No.	Materials Covered under this clause:	Nearest Materials (other than cement, reinforcement and the structural steel) for which All India Wholesale Price Index to be followed:	Base Price of all the Materials covered under clause 10 CA (w.e.f. December 2021) (Rate without GST)
1	Cement a) PPC/PSG	Not applicable	PPC : Rs. 4,600/- Per MT
2	Reinforcement TMT Bars (Fe-500D) a) (Primary Manufacturers)	Not applicable	Primary Producer: Rs. 60,635/- Per MT
3	a) Structural Steel	Not applicable	Rs. 60,862/- Per MT

Clause 10CC

-

Not Applicable

Clause 10 CC to be applicable in contracts with stipulated period of completion exceeding the period shown in next column	12 (Twelve) months
Schedule of component of other Materials, Labour, POL etc. for price escalation.	
Component of civil (except materials covered under clause 10CA) /	Xm — 35 % (civil component)
Component of Labour — expressed as percent of total value of work.	Y — 25%

Addition .. NIL
Deletion .. NIL
Correction.. NIL
Overwriting.. NIL

Component of P.O.L. — expressed as percent of total value of work. Note : Xm % should be equal to (100) – (materials covered under clause 10CA i.e. Cement, Steel and other material specified in clause 10CA + Component of P.O.L.)	Z—— Nil
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Clause 11

Specifications to be followed for execution of work	CPWD Specifications 2019 volume -I & II with correction slips upto last date of submission of bid.
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Clause 12

Type of work:	Maintenance works including works of up-gradation, aesthetic improvement, special repair, addition/alteration, annual repair, comprehensive maintenance work etc.
The completion cost includes the gross of extra item(s) and deviation(s) and escalation amount admissible as per agreement etc. The completion cost shall, in no case, exceed 1.5 times of contract amount. The Engineer-in-Charge shall record reasons for such deviation beyond the contract amount. Prior approval from SE/CE is required when Completion cost of work is likely to go beyond 1.25 times of contract amount with recorded reasons.	
Clause 12.2 & 12.3 Deviation limit beyond which clauses 12.2 & 12.3 shall apply for building work.	No Limit

Maintenance works including works of up-gradation, aesthetic, special repair, addition/alteration, annual repair, comprehensive maintenance work etc.

- (i) In the case percentage rate tender of Scheduled items Extra Item(s) shall be paid as Per the Standard Schedule of Rates, mentioned in Schedule F, enhanced or reduced by the applicable cost index and further enhanced or reduced by percentage above/below quoted by the contractor on estimated cost put to tender.
- (ii) In case of non-schedule items (non-DSR items) shall be made as per Office order No DG/CON/ Maintenance/ 2023/03 dated 18.12.2023.

Clause 16

Competent Authority for deciding reduced rates	Superintending Engineer, Barasat Circle, CPWD, Barasat or successor thereof.
	Sub-standard work must be got rectified and if necessary may be redone. Acceptance of sub-standard work at reduced rate should be done only under exceptional circumstances. Total value of quantities of items at agreement rate for which the Superintending Engineer accepts sub-standard work in a contract shall not exceed 5% of the Contract value. In case, total value of such items exceeds 5%, prior approval of SDG (Kolkata) will be necessary. The decision of Superintending Engineer regarding quantum of reduction as well as justification thereof in respect of rates for substandard work that may be decided will be final and would not be open to arbitration under clause 25 of the agreement.

Addition .. NIL
Deletion .. NIL
Correction.. NIL
Overwriting.. NIL

Clause 18

List of mandatory machinery, tools & plants to be deployed by the contractor at site:-

1	Cube testing machine.	As per requirement and directed by the Engineer-in-Charge
2	Weight balance of required capacity with required brass and iron weight	
3	Mixture Machine for cement concrete or cement mortar.	
4	Slide calipers and screw gauge for measuring thickness	
a	Plumb bob, Steel tape, Vernier Calipers, Spirit level, wire gauge disc, screw driver, Moisture meter.	
b	All T & P required for wood work at site for doors & windows.	

Clause 19	Labour laws to be complied by the contractor as per OM No. DG/CON/Maintenance 2023/07 dated 05-03-2024.	
Clause 19A	No person below the age of fourteen years shall be employed on the work.	No person below the age of fourteen years shall be employed on the work. However Adolescent Persons can be employed on non-hazardous works/process as per OM DG/CON /Maintenance 2023/04 dated 08-02-2024.

Addition .. NIL
Deletion .. NIL
Correction.. NIL
Overwriting.. NIL

Clause 19B	Payment of Wages	(i)The contractor shall pay to labour employed by him either directly or through subcontractors, wages not less than fair wages as defined in the C.P.W.D. Contractor's Labour Regulations or as per the provisions of the Contract Labour (Regulation and Abolition) Act, 1970 and the contract Labour (Regulation and Abolition) Central Rules, 1971 and Gazette Notification 19.01.2017, S.O 188 (E) extra ordinary part 2 - sec. 3 (ii) amended time to time. Thus higher of the wages either notified by Govt. of India, Ministry of Labour and/or that notified by the local administration of the State Govt. both relevant to the place of work and the period of reckoning shall be paid by the contractor to the labourer .(V) The contractor shall comply with the provisions of the Payment of Wages Act, 1936, Minimum Wages Act, 1948, Employees Liability Act, 1938, Workmen's Compensation Act, '1923, Industrial Disputes Act, '1947, Maternity Benefits Act, 1961, and the Contractor's Labour (Regulation and Abolition) Act '1970, Gazette Notification 19.01.2017, S.O 188 (E) extra ordinary part 2 - sec. 3 (ii) and er the modifications thereof or any other laws relating thereto and the rules made there under from time to time as per OM DG/CON /Maintenance 2023/06 dated 01-03-2024
Clause 19C	Authority to decide penalty for each default	Executive Engineer, BCD-II, CPWD, Nizam Palace, Kolkata or successor thereof.
Clause 19D	Authority to decide penalty for each default	Executive Engineer, BCD-II, CPWD, Nizam Palace, Kolkata or successor thereof.
Clause 19G	Authority to decide penalty for each default	Executive Engineer, BCD-II, CPWD, Nizam Palace, Kolkata or successor thereof.
Clause 19K	Employment of skilled / semi-skilled workers.	Applicable as per DG/CON/304 dated 15.10.2018

Addition .. NIL
Deletion .. NIL
Correction.. NIL
Overwriting.. NIL

Clause 25

(a)	Conciliator	-	Special Director General (Kolkata) CPWD, Kolkata or his Successor thereof.
(b)	Arbitrator Appointing Authority	-	SE-Barasat, CPWD, Kolkata or his Successor thereof.
(c)	Place of Arbitration	-	Kolkata

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

Cost of work	Minimum Qualification of Technical Representative	Discipline	Designation (Principal Technical/ Technical) Representative	Minimum Experience (year)	Rate at which recovery shall be made from the contractor in the event of not fulfilling provision of clause 36(i)	
					Figure	Words
1.	Graduate Engineer	1 of major component	Principal Technical Representative	5 Years	Rs. 25000/- per month	Rupees Twenty Five thousand only per person per month
More than 15 Lacs to 1.5 Crore	Graduate Engineer Or Diploma Engineer	1 of major component	Project Manager cum Planning/Quality/ Site / Billing Engineer	2 Years Or 5 Years respectively	Rs. 15,000/- per month Per person	Rupees Fifteen thousand only per person per month

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

Diploma holder with minimum 10 year 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 2021 with up to date Correction slips.	DSR 2023 with correction slips up to the last date of submission of tender	
(ii)	Variations permissible on theoretical quantities:		Recoveries proposed	
			Plus side	Minus Side
a	Cement for works with estimated cost put to tender not more than Rs. 25 lakh.	± (plus / minus) 3 % (Three percent)	Nil	Not Permitted
b	For works with estimated cost put to tender more than Rs 25 lakh.	± (plus / minus) 2 % (Two percent)	Nil	Not Permitted

Addition .. NIL
 Deletion .. NIL
 Correction.. NIL
 Overwriting.. NIL

c	Bitumen all works	+ (plus) 2.5% (Two point five percent) only and nil on - (minus) side.	Nil	Not Permitted
d	Steel reinforcement and structural steel sections for each diameter, section and category	± (plus / minus)2% (Two percent) only	Nil	Not Permitted
e	All other materials	NIL	Nil	Not permitted
f	Schedule / statement for determining theoretical consumption of Red Brick work on the basis of Calcutta Schedule of Rate 1994 may be followed.			

RECOVERY RATES FOR QUANTITIES BEYOND PERMISSIBLE VARIATION

Sl. 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	
			Rate without GST	In words
1.	Cement PPC Conforming to IS 1489 (Part I)	Nil	PPC : Rs. 5,060/- Per MT	Rupees Five thousand sixty only per MT.
2.	Steel reinforcement TMT Bar of all dia.	Nil	Primary Producer: Rs. 66,699/- Per MT	Rupees Sixty six thousand Six hundred ninety nine only per MT.
3.	Structural Sections	Nil	Rs. 66,948/- Per MT	Rupees Sixty six thousand nine hundred forty eight only per MT.

Addition .. NIL
Deletion .. NIL
Correction.. NIL
Overwriting.. NIL

On non-judicial stamp paper of minimum Rs.100

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

Form of Bank Guarantee for Earnest Money Deposit / Performance Guarantee / Security Deposit / Mobilization Advance

Whereas the **Executive Engineer, Barasat Central Division-II, Central Public Works Department, Nizam Palace, Kolkata-20** on behalf of the President of India (hereinafter called "The Government") has invited bids under **NIT No. 16/EE/BCD-II/2026-27 Recal1** for **"Repairing and Overhauling of Iron Removal Filtration Plant at SB, Hatikanda during 2025-26"**

1. ." The Government has further agreed to accept irrevocable Bank Guarantee for Rs..... (Rupees..... Only) valid up to..... (date)* as Earnest Money Deposit from..... (name and address of contractor) (herein after called "the contractor") for compliance of his obligations in accordance with the terms and conditions of the said NIT.

OR**

~~Whereas the Executive Engineer, Barasat Central Electrical Division, CPWD, Salt Lake, Kolkata on behalf of the President of India (herein after called "The Government") has invited bids under NIT No. ***** for "*****" The Government has further agreed to accept irrevocable Bank Guarantee for Rs..... (Rupees..... Only) valid up to.... (date)* as Performance Guarantee/security Deposit/Mobilization Advance 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.~~

2. We, (Hereinafter referred to as "the Bank") hereby undertake to pay to the Government an amount not exceeding Rs..... (Rupees..... only) on demand by the Government within 10 days of the demand.
3. We,(Indicate the name of the Bank) do hereby undertake to pay the amounts due and payable under this guarantee without any demure, merely on a demand from the Government stating that the amount claimed as required to meet the recoveries due or likely to be due from the said contractor(s). Any such demand made on the bank shall be conclusive as regards the amount due and payable by the bank under this Guarantee. However, our liability under this guarantee shall be restricted to an amount not exceeding Rs. (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(s) in any suit or proceeding pending before any court or Tribunal relating thereto, our liability under this present being absolute and unequivocal. The payment so made by us under this bond shall be a valid discharge of our liability for payment there under and the Contractor(s) shall have no claim against us for making such payment.
5. We, (indicate the name of the Bank) further agree that the guarantee herein contained shall remain in full force and effect during the period that would be taken for the performance of the said agreement and that it shall continue to be enforceable till all the dues of the Government under or by virtue of the said agreement have been fully paid and its claims satisfied or discharged or till Engineer-in-Charge on behalf of the Government certified that the terms and conditions of the said

Addition .. NIL
 Deletion .. NIL
 Correction.. NIL
 Overwriting.. NIL

agreement have been fully and properly carried out by the said Contractor(s) and accordingly discharges this guarantee.

- 6. We, (indicate the name of the Bank)....., further agree with the Government that the Government shall have the fullest liberty without our consent and without affecting in any manner our obligation hereunder to vary any of the terms and conditions of the said agreement or to extend time of performance by the said Contractor(s) from time to time or to postpone for any time or from time to time any of the powers exercisable by the Government against the said contractor(s) and to forbear or enforce any of the terms and conditions relating to the said agreement and we shall not be relieved from our liability by reason of any such variation, or extension being granted to the said Contractor(s) or for any forbearance, act of omission on the part of the Government or any indulgence by the Government to the said Contractor(s) or by any such matter or thing whatsoever which under the law relating to sureties would, but for this provision, have effect of so relieving us.
- 7. This guarantee will not be discharged due to the change in the constitution of the Bank or the Contractor(s).
- 8. We, (Indicate the name of the Bank) undertake not to revoke this guarantee except with the consent of the Government in writing.
- 9. This guarantee shall be valid up tounless extended on demand by the Government. Notwithstanding anything mentioned above, our liability against this guarantee is restricted to Rs. (Rupees) and unless a claim in writing is lodged with us within the date of expiry or the extended date of expiry of this guarantee all our liabilities under this guarantee shall stand discharged.
Date

Authorized Signatory
 Name
 Designation
 Staff code No.

Witnesses:

- 1. Signature
 Name and address
- 2. Signature.....
 Name and address

* The Performance Guarantee shall be submitted by the contractor on format as per GCC and shall be initially valid up to the stipulated date of completion plus minimum 6 months beyond that.

**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.

Addition .. NIL
 Deletion .. NIL
 Correction.. NIL
 Overwriting.. NIL

GENERAL TERMS & CONDITIONS

1. The work shall be carried out as per description of item given in the "Schedule of Quantities", General conditions, Special conditions, BIS/IRC Specifications and CPWD Specifications 2019 Vol. I & II (with up to date correction slips) unless and otherwise specified in individual item or items in the schedule of quantity of the work.
2. The order of preference regarding applicability of various specifications and special condition shall be as given below:
 - a) Nomenclature of items given in the schedule of quantities in the tender.
 - b) Particular Specifications
 - c) Special conditions.
 - d) General Conditions
 - e) Contract & Clauses as per Standard CPWD form 2023 with up to date.
 - f) C.P.W.D. Specifications 2019 volume I to II with up-to-date correction slips.
 - g) IRC specifications. Wherever these specifications are referred for this work, the latest one at the time of issue of the tenders shall be taken into consideration
 - h) I.S. Codes or specifications. Wherever I.S. code is to be referred for this work, the latest one at the time of issue of the tenders shall be taken into consideration.
 - i) Directions of Engineer-in-charge shall be applicable where none of the above are to be applied.
3. The contractor(s) shall inspect the site of work before tendering and acquaint himself with the site conditions and no claim on this account shall be entertained by the department.

The contractor(s) shall also see the approaches to the site in case any approach from main road is required at, site or existing approach is to be improved and maintained for cartage of materials by the contractor, the same shall be provided, improved and maintained by the contractor at his own cost. No extra payment whatsoever shall be made on this account.
4. The contractor(s) shall get himself acquainted with nature and extent of the work and satisfy himself about the availability of materials from kiln or approved quarries for collection and conveyance of materials, suitable location for construction of godown, store, camp, transport facilities the extent of leads and lifts.
5. The contractor shall quote the percentage above or below the estimated cost in figures and words accurately so that there is no discrepancy in figures and words and total amount. If only percentage is written and above or below not quoted, then it will be assumed that rates / percentage quoted is below the estimated rates. The percentage rate quoted by the contractor shall include cost of materials, labour i/c all leads, lifts and depths etc. unless & otherwise specified in the nomenclature of item or items.

Addition .. NIL
 Deletion .. NIL
 Correction.. NIL
 Overwriting.. NIL

6. The contractor & his work people shall observe all relevant rules regarding security promulgated in which work is to be carried out by the controlling authority of the area.
7. All the materials such as stone aggregate, screening materials , sand, bricks, cement and pipes etc. to be used in the work, shall have to be got approved from the Engineer-in-charge or his authorized representative prior to use in the work failing which work shall not be measured & paid for.
8. The contractor shall construct suitable Godown / stockyard at the site of work for safe storing of materials, like cement, bitumen and other materials, against damage by sun, rain, dampness, fire, theft etc at his own cost. He shall also employ watch & ward personnel(s), for plants and machinery and other materials issued and arranged by him at his own cost and no extra payment shall be made on this account.
9. No tools & plants or machinery shall be supplied by the department.
10. The contractor shall make his own arrangements for electricity and water required for the execution of the work and nothing extra shall be paid for the same. However, for electrical connection, Engineer-in-charge shall recommend the application to concerned authority for Electrical connection if required. Necessary payment shall be made by the contractor directly to the department concerned. In case the concerned authority fails to sanction the electric connection or delays the sanction of electric connection, the contractor shall make his own arrangements by providing diesel generators of adequate capacity at his own cost.
11. For water supply, contractor shall make his own arrangement including boring of tube well, if necessary, and nothing extra shall be paid by the Department for arrangement of water or on its treatment as per requirements laid down in IS: 456 / 2000 Para 5.4 or CPWD Specification 2019 Volume-I to II with upto date correction slips.
12. Roadside proper accommodation for labour / workmen, as per contract labour regulation Act, shall be provided by the contractor at his own cost & nothing extra shall be paid by the department.
13. Unserviceable materials shall have to be removed and disposed off to places as decided by the Engineer-in-charge.
14. The contractor shall at all time carry out the works on the road in a very systematic manner without interference to the flow of traffic and consistent with the satisfactory & timely execution of the work. For all works, the contractor shall maintain a passage for traffic either along a part of the existing carriage-way under improvement or along temporary diversion constructed close to the road for this purpose as directed by Engineer-in-Charge for which nothing extra shall be paid.
15. The contractor shall also provide necessary barricade, informatory boards, lights and flagmen at either end of the execution area and at such intermediate points as required & as directed by the Engineer-in-charge at no extra cost.
16. The work shall have to be executed in Kolkata areas. Contractor(s) should inspect the site, so as to apprise himself / themselves of the site condition, before tendering. Being a Kolkata area their could be some restriction by Security agencies and the contractor has to follow and no extra claim on this account shall be entertained by the department.

Addition .. NIL
 Deletion .. NIL
 Correction.. NIL
 Overwriting.. NIL

17. The Executive Engineer by prior notice in writing to the contractor may reduce/increase the scope of work. In case of deviation in quantities, no extra claim except as otherwise provided in General Conditions of Contract 2023 shall be entertained by the department.
18. The contractor(s) shall submit “ Time & Progress chart ” for execution of work in different reaches showing activities distinctly along with Bar-Chart within fifteen days of the letter of acceptance of work in direct relation to the time stated in the contract document for completions of items of the works as per different milestone fixed indicating the forecast of date of commencement and date of completion of various items / activities kilometer wise from start point to end point of road as per agreement for adherence during execution.

If any time, it appears to the Engineer-in-charge that the actual progress of work does not confirm to the approved programme referred above, the contractor shall produce a revised programme showing the modifications to the approved programme by additional inputs to ensure completion of the work within the stipulated time.

In case the contractor fails to achieve individual milestone as specified in Schedule F, action shall be taken as per clause 5 & other relevant clauses of the General Conditions of Contract 2023.

19. The item of concreting/premixing shall be started / executed strictly under prior written approval of the Executive Engineer at appropriate time indicating the quantities and reaches / length and shall be liable for any consequences of wastage / damage / loss / non-payment etc.
20. The contractor has to deploy necessary Tools & Plants in required numbers to ensure smooth & timely execution of work, at his own cost & risk as per the requirement of work at different stages. The decision of Engineer-in-charge shall be final regarding use of particular T & P(s) at a particular time(s) & the contractor has to adhere the same strictly. The Contractor shall be responsible for further running and maintenance and safety of all T&P. No claim whatsoever , for any loss or damage or idle Plant & Machinery, due to insurgency , accidents , theft prevailing at site , availability of materials, availability of land , suitable location for construction of Godown, stores and camp , transport facility including local conditions or other reasons shall be entertained by the Department.
21. The rates of materials shall be inclusive of all taxes such as Sale Tax, Royalty, Octeroi etc. and contractor shall be liable to pay the same direct to the concerned department. No claim on this account shall be entertained by the department.
22. In case of any calamity or injury to any labour / workmen etc. or loss / wastage of materials due to nature or insurgency, contractor shall have to bear the cost of compensation and no claim to this effect shall be entertained by the department.
23. The contractor shall keep himself ready for execution of any item / items of work / part of the item of work on emergent notice given by the Engineer-in-charge on day to day basis during rainy season.
24. Unless otherwise specified in the schedule of quantities, the rates for all items of the work shall be considered as inclusive of pumping out or bailing out water if required for which no extra payment will be made. This will include water encountered from any source, such as rains, floods, sub-soil water table being high, due to any other cause whatsoever.

Addition .. NIL
 Deletion .. NIL
 Correction.. NIL
 Overwriting.. NIL

25. Royalty / Octeroi at the prevalent rates and all other incidental expenditure shall have to be paid by the contractor, on all the boulders, road metal, stone aggregate, river bed shingle, earth, sand, bajri etc., collected by him for the execution of the work direct to the concerned Revenue Authority of the State or Central Government. The rates mentioned in the documents relating to this contractor are deemed to include all such expenditure and nothing extra shall be paid on this account.
26. The contractor shall maintain in good condition all work executed till the completion of the entire work entrusted to the contractor under this contract & nothing extra shall be paid on this account.
27. The work shall be executed and measured as per metric dimensions given in the schedule of quantities, drawings etc. (FPS units wherever indicated are for guidelines only).
28. The tenderer shall abide by the rules and regulations of respective State Value Added Tax / Works Contract Tax Act etc. Necessary deductions on account of taxes shall be made on the gross value of the work done from the bills of the contractor as per the provisions of above stated Acts. Necessary certificates for tax deduction at source shall be issued to the contractor by the Engineer in Charge. The decision of the Engineer in Charge regarding quantum of tax deducted at source shall be final and binding on the contractor.
29. Necessary permit etc. for utilization of forest produce would be obtained by the contractor directly from the Forest Authority. Necessary Forest Royalty Clearance Certificate (FRCC) from the Forest Authority shall be submitted by the Contractor to the Engineer-in-Charge along with the Bills for the work. Engineer-in-Charge reserves the right to deduct any sum considered reasonable towards forest royalty from the Running Accounts Bills of the Contractor, in the event on non-submission of FRCC. In case the contractor does not submit FRCC a sum considered reasonable towards payment of forest royalty would be deducted by the Engineer-in-Charge from the final bill of the work and credited to the Government accounts. The Engineer-in-Charge would determine the quantum of materials consumed on which such royalty is payable and also the rate of royalty payable. The decision of the Engineer-in-Charge shall be final and binding on the matter.
30. All test registers and material at site register shall be maintained by the Contractor which will be reviewed by the Officers of CPWD at regular intervals. These registers shall be issued to the contractor by the Engineer-in-Charge. Contractor shall be responsible for safe custody of all the test registers.
31. The contractor shall provide at his own cost suitable weighing and measuring equipments /instruments as may be necessary at site for checking purposes. All such equipments /instruments shall be got tested for calibration in advance from laboratory approved by the Engineer-in- Charge. All the expenditure to be incurred for testing of samples, e.g., packaging, sealing, transportation, loading, unloading etc. including testing charges shall be borne by the contractor.
32. The work has to be carried out at different stretches and nothing extra will be payable on account of shifting of T&P, Machinery, Labour and materials etc.

Addition .. NIL
 Deletion .. NIL
 Correction.. NIL
 Overwriting.. NIL

GENERAL REQUIREMENT OF THE TENDERER

Name of Work: **Repairing and Overhauling of Iron Removal Filtration Plant at SB, Hatikanda during 2025-26**

- 1 The tenderer is advised to read and examine the tender documents for the work and the set of drawings available with Engineer-in-charge. He should inspect and examine the site and its surroundings by himself before submitting his tender.
- 2 Separate schedule of quantity is included in this tender for Civil items of work. If the tenderer wants to offer any unconditional rebate on their rates, the same should also be offered in the respective components of civil schedule separately. The contractor shall quote the percentage rates in figures and words accurately so that there is no discrepancy in rates written in figures and words.
- 3 Time allowed for the execution of work is **12 Months**
- 4 The contractor(s) shall submit a detailed program of execution in accordance with the master programme/milestone within ten days from the date of issue of award letter.
- 5 Contractor has to arrange and install required plant and machinery during the urgency of work and nothing extra will be paid on this account.
- 6 Quality of the project is of utmost importance. This shall be adhered to in accordance with the provisions of CPWD specifications and guidelines given in the relevant paras.
- 7 The contractor (s) shall make his own arrangements for electricity and water required for the execution of work.
- 8 All materials to be used in the work of this NIT shall be arranged by the contractor himself.
- 9 Contractor has to engage specialized agencies for specialized items of works such as structural glazing, ACP, water proofing, RCC overhead tank, sewage treatment plant, truss fabrication and other specialized items if mentioned in the tender documents. Approval of the specialized agencies for each specialized work shall be obtained from the Engineer-in-Charge within one month of award of work. Even if, such specialized items of work shall be executed by the specialized agencies, the work shall be deemed to be executed by the tenderer for all purposes and the responsibility of the quality of items of works executed etc. shall continue to be that of the tenderer only.
- 10 Contractor has to deploy required Plant and machinery on the project. Minimum number of plant and machinery to be deployed by him is indicated in NIT.. In case the contractor fails to deploy the plant and machinery whenever required and as per

Addition .. NIL
 Deletion .. NIL
 Correction.. NIL
 Overwriting.. NIL

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.

- 11 The contractor shall submit the running bills in the shape of the c-MB in pages of A-4 size as per the standard format of department and shall act as per modified clause 6 of CPWD-7
- 12 Contractor has to provide reinforcement cover blocks made of approved proprietary pre packed free flowing mortars.
- 13 The contractor shall comply with the provisions of the Apprentices Act 1961, and the rules and orders issued there under from time to time.
- 14 The contractor should either himself meet the eligibility conditions for the respective E&M & Horticulture packages or otherwise he will have to associate an agency meeting the eligibility requirements. The proposal for associate agency for all packages of E&M and Horticulture shall be submitted within one month from the date of award for verification and approval of the Department. Consent letter of such proposed agencies for association along with verifiable completion certificates of the work/ registration/approval documents as the case may be, duly attested by the applicant, valid Electrical Contractor's license, duly attested by the applicant and self-attested GST registration documents in respect of the associated agencies shall also be submitted along with the proposal.

Addition .. NIL
 Deletion .. NIL
 Correction.. NIL
 Overwriting.. NIL

Additional Conditions for Cement

- 1 The contractor shall procure PPC conforming to IS: 1489 (Part 1) as required in the work from reputed manufacturers of cement such as ACC, Ultratech, Vikram, Shree Cement, Ambuja, Jaypee Cement, Century Cement & J.K. Cement or from any other reputed cement manufacturer having a production capacity not less than 1 million tons per annum as **approved by SDG (Kolkata)/Superintending Engineer - Barasat, CPWD, Kolkata.**
- 2 The supply of cement shall be taken in 50 kg. bags bearing manufacturer's name and ISI marking. Samples of cement arranged by the contractor shall be taken by the Engineer-in-charge and got tested in accordance with provisions of relevant BIS codes. In case the test results indicate that the cement arranged by the contractor does not conform to the relevant BIS codes, the same shall stand rejected, and it shall be removed from the site by the contractor at his own cost within a week's time of written order from the Engineer- in-charge to do so.
- 3 The cement shall be brought at site in bulk supply of approximately 50 tonnes or as decided by the Engineer- in- charge. The cement godown of the capacity to store a minimum of 2000 bags of cement or decided by NIT approving authority in case less than 100 MT cement is required for work, shall be constructed by the contractor at site of work for which no extra payment shall be made.
- 4 Double lock provision shall be made to the door of the cement godown. The keys of one lock shall remain with the Engineer-in-Charge or his authorized representative and the keys of the other lock shall remain with the contractor. The contractor shall be responsible for the watch and ward and safety of the cement godown. The contractor shall facilitate the inspection of the cement godown by the Engineer-in-Charge at any time.
- 5 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. All expenditure to be incurred for testing of samples e.g., packaging, sealing, transportation, loading, unloading etc. including testing charges shall be borne by the contractor.
- 6 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 conditions laid therein. In case the cement consumption is less than theoretical consumption including permissible variation, recovery at the rate so prescribed shall be made after ensuring structural soundness and stability on the basis of testing. In case of excess consumption, no adjustment shall be made.
- 7 The cement brought to the site and the cement remaining unused after completion of the work shall not be removed from site without the written permission of the Engineer-in-charge.
- 8 The damaged cement shall be removed from the site immediately by the agency 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.

Addition .. NIL
 Deletion .. NIL
 Correction.. NIL
 Overwriting.. NIL

Special Conditions for Steel Reinforcement Bars.

The contractor shall procure only TMT bars of Fe 500 D or more grade from steel producers such as SAIL, Tata Steel Ltd, RINL, Jindal Steel & Power Ltd and JSW Steel Ltd or their authorized dealers.

1. TMT bars shall meet the provisions of IS 1786: 2008 (Indian Standard specifications for high strength deformed steel bars and wires for concrete reinforcement) pertaining to Fe 500 D or more grade of steel.
2. The contractor shall have to obtain manufactures certificate stating the process of manufacture, chemical composition and test sheet giving results of each mechanical test applicable to the materials and submit and furnish to the Engineer-in-charge in respect of all supplies of steel brought by him to the site of work. Each test certificate shall indicate the number of cast to which it applies, corresponding to the number or identification mark to be found on the material.
3. 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. Samples of each confinement shall be taken and got tested by the Engineer-in-charge for chemical composition and physical properties (including bend and re-bend test) as per the provisions in this regard in the relevant BIS codes from any Govt. or approved laboratory. In case the test results indicate that the steel arranged by the contractor does not conform to the specifications, the same shall stand rejected and it shall be removed from the site of work by the contractor at his cost within a week time of written orders from the Engineer-in-charge to do so.
4. The steel reinforcement shall be brought to the site in bulk supply of 30 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 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 50 tonnes or part thereof

7. All the expenditure to be incurred for testing of samples, e.g., packaging, sealing, transportation, loading, unloading etc. including testing charges shall be borne by the contractor.

Addition .. NIL
Deletion .. NIL
Correction.. NIL
Overwriting.. NIL

8. If the quantity of steel actually used in the work is found to be more than the theoretical quantity of steel including authorised variation, nothing extra shall be payable to the contractor on this account. In the event of it being discovered that at any stage or 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. 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.
9. The standard sectional weights referred to as in Table 5.4 under para 5.3.4 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.
10. 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.
11. If the derived weight as in para 10 above is lesser than the standard weight as in para 9 above, the derived actual weight shall be taken for payment. If the derived actual weight is found more than the standard weight then the standard weight as worked out in para 9 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.
12. 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.
13. 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%

Addition .. NIL
 Deletion .. NIL
 Correction.. NIL
 Overwriting.. NIL

ADDITIONAL CONDITIONS

1. 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. Payment for centring, shuttering, however if required to be done for floor to floor heights greater than 3.5 m. shall be admissible at rates arrived at in accordance with clause-12 of the agreement if not already specified.
2. The contractor shall make his own arrangements for obtaining electrical service connection if required and make necessary payments directly to the department concerned.
3. Other agencies doing works related with this project will also simultaneously execute the works and the contractor shall afford necessary facilities for the same. The contractor shall leave such necessary holes, openings 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 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.
4. Some restrictions may be imposed by the security staff etc. on the working and for movement of labour, materials etc. the contractor shall be bound to follow all such restriction/instructions and nothing extra shall be payable on this account.
5. (a) The building work will be carried out in the manner complying in all respects with the requirements of relevant by laws 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 will be paid on this account.

 (b) Water tanks, taps, sanitary, water supply and drainage pipes, fittings and accessories should conform to bye-laws and specifications of the Municipal Body/Corporation where C.P.W.D. 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.

 (c) The contractor shall comply with proper and legal orders and directions of the local or public authority or municipality and abide by their rules and regulations and pay all fees and charges which he may be liable.
6. The contractor shall give a performance test of the entire installation(s) as per standing specifications before the work is finally accepted and nothing extra whatsoever shall be payable to the contractor for the test.
7. Any cement slurry added over base surface (or) for continuation of concreting for better bond is deemed to have been in built in the items and nothing extra shall be payable (or) extra cement considered in consumption on this account.

Addition .. NIL
 Deletion .. NIL
 Correction.. NIL
 Overwriting.. NIL

8. Testing of materials:
 - (a) Samples of various materials required for testing shall be provided free of charge by the contractor. Testing charges, if any, shall be borne by the agency. However in case samples fail in testing, the testing charges if any shall also be borne by the contractor. All other expenditure required to be incurred for taking the samples, conveyance, packing etc. shall be borne by the contractor himself.
9. 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 and otherwise given in writing by the Engineer-in-charge.
10. The contractor shall bear all incidental charges for cartage, storage and safe custody of materials issued by department or procured by the contractor and nothing extra shall be payable to the contractor on their accounts.
11. The full nomenclature of items shall be adopted in preparing abstract of final bill in the measurement book and also in the bill form for final bill.

Addition .. NIL
Deletion .. NIL
Correction.. NIL
Overwriting.. NIL

ADDITIONAL SPECIFICATIONS

1.0 **GENERAL**

1.1 The work shall be executed and measured as per metric dimensions given in the Schedule of quantities, drawings etc. (F.P.S. units wherever indicated are for guidance only).

1.2 The following modifications in the above specifications and some additional specifications shall however apply:

i) All stone aggregate and stone ballast shall be of hard stone variety to be obtained from approved quarries at **Pakur** or any other source to be got approved by the Engineer-in-Charge.

ii) Sand to be used for cement concrete work, mortar for masonry and plaster work shall be of standard quality. Sand shall be obtained from **Ganges/Hooghly** or any other source to be got approved from the Engineer-in-Charge and screened as required. The same shall consist of hard siliceous material. It shall be clean sand.

2.0 Wherever any reference to any Indian Standard Specification occurs in the documents relating to this contract the same shall be inclusive of all amendments issued their to revision thereof if, any, upto the date of receipt of tenders.

3.0 Unless otherwise specified in the schedule of quantities the rates for all items of the work shall be considered as inclusive of pumping out or bailing out water if required for which no extra payment will be made. This will include water encountered from any source, such as rains, floods, and sub-soil water label being high due to any other cause whatsoever.

3.1 **Brick Work.**

Bricks shall be obtained from kilns at 24 Parganas (North) or any other source to be got approved by the Engineer-in-Charge.

Addition .. NIL
 Deletion .. NIL
 Correction.. NIL
 Overwriting.. NIL

PARTICULAR SPECIFICATION

1. EARTH WORK

Any trenching and digging for laying sewer lines/water lines/cables etc. shall be commenced by the contractor only when all men, machineries and materials have been arranged and closing of the trench(s) thereafter shall be ensured within the least possible time.

1. RCC WORK

The work shall be done as per CPWD specifications.

2.1 If the quantity of cement actually used in the work is found to be more than the theoretical quantity of cement 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 cement 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 cement so less used shall be recovered from the contractor at the rate as specified in schedule 'F'. Decision of the Engineer-in-Charge in regard to the quantity of cement which should have been actually used as per the schedule and recovery at the rate specified shall be final and binding on the contractor.

2.2 For non-scheduled items, the decision of the Superintending/Chief Engineer regarding theoretical quantity of the cement which should have been actually used shall be final and binding on the contractor.

2.3 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.

2.4 In case the contractor brings surplus quantity of cement 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.

2.5 Cement register for the cement shall be maintained at site.

Cement bags shall be stored in separate godowns to be constructed by the contractor at his own cost as per sketch (which is only indicative and actual size will depend on the site requirements) given in CPWD specifications with weather proof roofs and walls. Each godown shall be provided with a single shutter door with two locks. The key of one lock shall remain with Engineer-in-charge or his authorized representative and that of the other lock with the authorized agent of the contractor at the site of work so that the cement is issued from the godown according to the daily requirements with the knowledge of both parties and proper account for the same is maintained in the standard proforma.

Addition .. NIL
 Deletion .. NIL
 Correction.. NIL
 Overwriting.. NIL

PROFORMA FOR THE CEMENT REGISTER**PARTICULARS OF RECEIPT**

Date of receipt	Quantity received	Progressive total	Date of issue	Quantity issued	Items of work for which issued
1	2	3	4	5	6

PARTICULARS OF ISSUE

Qty. returned at the end of the day	Total issued	Daily balance in hand	Contractor's initial	JE's initial	Remarks (AE/EE's periodical check)
7	8	9	10	11	12

2.6 DESIGN MIX CONCRETE:

The contractor shall be required to submit two separate design mix of concrete with and without using plasticizers/admixtures, separately. The decision of the engineer-in-charge to specify the design mix of concrete based on above shall be final.

2.6.1 Coarse aggregate: As per CPWD Specifications

2.6.2 Fine Aggregate: As per CPWD Specifications.

2.6.3 Water: It shall conform to requirements laid down in IS:456: 2000 and CPWD specifications.

2.6.4 Cement: Cement arranged by the contractor will be PPC (in bags) conforming to IS: 1489-Part-I. If for any reasons, cement other than that specified in this para for example OPC of grade 43 or higher grade is brought to site by contractor, the issue, payments rate as well as the quantity to be used in the design mix concrete will remain unchanged.

2.6.5 Slump: Design slump should be clearly specified in the mix design.

2.6.6 Admixtures shall not be used without approval of Engineer-in-charge. Wherever required, admixtures of approved quality shall be mixed with concrete as specified. The admixtures shall conform to IS: 9103. The contractor shall not be paid anything extra for admixture required for achieving desired workability without any change in specified water cement ratio for RCC/CC work.

2.6.7 The concrete mix design/laboratory tests with and without admixture shall be got done by contractor at his own cost and will be carried out by the contractor through one of the following laboratory/Test houses:

- a. IIT Kharagpur, IIT Guwahati, NIT Gangtok, NIT Durgapur
- b. Jadavpur University, Kolkata.
- c. Bengal Engineering and Science University, Shibpur
- d. North Bengal Engineering College, Jalpaiguri.

The various ingredients for mix design / laboratory tests shall be sent to the test

Addition .. NIL
 Deletion .. NIL
 Correction.. NIL
 Overwriting.. NIL

houses through the Engineer-in-Charge and the samples of such aggregate & cement shall be preserved at site by the department

2.6.8 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 PPC/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.

2.6.9 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.

2.7 APPROVAL OF DESIGN MIX

The mix design for a specified grade of concrete shall be done for a target mean compressive strength $T_{ck} = F_{ck} + 1.65s$.

Where F_{ck} = Characteristic compressive strength of 28 days

s = Standard deviation which depends on degree of quality control

The degree of quality control for this work is "good" for which the standard deviation (s) obtained for different grades of concrete shall be as below:

Grade of Concrete	For "Good" quality of control
M 25	4.00
M 30	5.00
M 35	5.00
M 40	5.00

Of the six specimen of each set three shall be tested at seven days and remaining three at 28 days. The preliminary tests at seven days are intended only to indicate the strength to be attained at 28 days

2.8 All cost of mix designing and testing connected therewith including charges payable to the laboratory shall be borne by the contractor.

2.9 The batching plant shall conform to IS:4925. It shall have the facilities of presetting the quantity to be weighed with automatic cutoff when the same is achieved. Concreting at places may have to be resorted to through concrete pump for which nothing extra shall be paid.

2.10 All other operations in concreting work like Mixing, Slump, Laying Placing of concrete, compaction curing etc. not mentioned in this particular specification for Design Mix of concrete shall be as per CPWD specification.

2.11 WORK STRENGTH TEST

Addition .. NIL
 Deletion .. NIL
 Correction.. NIL
 Overwriting.. NIL

TEST SPECIMEN

Work strength test shall be conducted in accordance with IS: 456 on random sampling. Each test shall be conducted on six specimens, three of which shall be tested at 7 days and remaining three at 28 days.

TEST RESULTS OF SAMPLE

The test result of the sample shall be the average of the strength of three specimen. The individual variation shall not be more than 15 percent of the average. If more, the test results of the sample are invalid. 90% of the total test shall be done at the laboratory established at site by contractor and remaining 10% in the laboratory of CPWD or in any other laboratory as directed by the Engineer-in-Charge.

Lot size: As per CPWD Specification with up-to-date correction slip

- 2.12 STANDARDS OF ACCEPTANCE- As per CPWD specifications/IS 456 Code
- 2.13 In case of rejection of concrete on account of unacceptable compressive strength governed by para "Standard of Acceptance" as above the work for which samples have failed shall be redone at the cost of contractors. However, the Engineer-in-Charge may order for additional test (like cutting cores, ultrasonic pulse velocity test, load tests on structure or part of structure etc.) to be carried out at the cost of contractor to ascertain if the portion of structure wherein concrete represented by the sample has been used, can be retained on the basis of results of individual or combination of these tests. The contractor shall take remedial measures necessary to retain the structure as approved by the Engineer-in-Charge without any extra cost. However, for payment the basis of rate payable to contractor shall be governed by the 28 days cube test results.
- 2.14 Only MS centering/shuttering and scaffolding material unless & otherwise specified shall be used for all RCC. Work to give an even finish of concrete surface. However marine ply shuttering in exceptional cases as per site requirement may be used on specific request from contractor on approval by the Engineer-in-Charge.
- 2.15 Necessary arrangements shall be made for field tests and all required equipment's shall be arrange by establishing field lab by the Agency for mandatory tests of the materials as specified in CPWD specifications or as per direction of Engineer-in-Charge. No extra payment shall be paid on this account.

2. **READY MIX CONCRETE (RMC)/BATCH MIX CONCRETE FROM RMC PRODUCER**

The contractor shall arrange Ready Mix Concrete (RMC) from the approved RMC producing plants as given in the list of preferred makes.

The contractor shall, within a period of 15 days of award of the work, submit text of MOU proposed to be entered between purchaser (the contractor) and supplier (RMC producer) to the Engineer-in-Charge for his approval. The contractor shall draw the MOU with approved RMC producer and submit to the Engineer-in-Charge within a week of such approval. The contractor will not be allowed to use ready mix concrete without completion of above stated formalities.

Notwithstanding the approval granted by the Engineer-in-Charge in aforesaid

Addition .. NIL
 Deletion .. NIL
 Correction.. NIL
 Overwriting.. NIL

manner or provisions in CPWD specifications 2019, the contractor shall be fully responsible for quality of concrete including input control, transportation and placement etc.

The Engineer-in-Charge will reserve right to inspect at any stage and reject the concrete if he is not satisfied about quality of product at the user's end.

The Engineer-in-Charge reserves the right to exercise control over the: -

- (i) Ingredients, water and admixtures purchased, stored and to be used in the concrete including conducting of tests for checking quality of materials, recording of test result and declaring the materials fit or unfit for use in production of mix.
- (ii) Calibration check of the RMC plant.
- (iii) Weight and quantity check on the ingredients, water and admixture added for batch mixing.
- (iv) Time of mixing of concrete.
- (v) Testing of fresh concrete, recording of results and declaring the mix fit or unfit for use. This will include continuous control on the workability during production and taking corrective action, if required.
- (vi) For exercising such control, the Engineer-in-Charge shall periodically depute his authorized representative at the RMC plant. It shall be responsibility of the contractor to ensure that all necessary equipment, manpower & facilities are made available to the Engineer-in-Charge and/or his authorized representative at RMC plant.
- (vii) The contractor shall arrange for sending an SMS on the mobile No. of authorised representative of Engineer-in-Charge as soon as the RMC is despatched from the plant, giving details such as time of despatched, grade of concrete, tipper registration number etc.

The contractor should therefore draw MOU/agreement with RMC producer very carefully keeping in view all terms and conditions/specifications forming part of this document.

All required relevant records of RMC shall be made available to the Engineer-in-Charge or his authorized representative. The Engineer-in-Charge shall as require, specify guidelines & additional procedures for quality control & other parameters in respect of materials, production & transportation of concrete mix which shall be binding on the contractor & the RMC plant. Only concrete as approved in design mix by the Engineer-in-Charge shall be produced in RMC plant and transported to the site.

3.1 QUALITY CONTROL OF READY MIXED CONCRETE

It shall be the responsibility of the contractor to ensure that RMC producer provides all necessary testing equipments and takes all necessary measures to ensure quality control of ready mixed concrete. In general, the required measures shall be: -

- (i) Control of purchased material quality

Addition .. NIL
 Deletion .. NIL
 Correction.. NIL
 Overwriting.. NIL

RMC producer shall ensure that all the materials purchased and used in the production of concrete confirm to the stipulation of the relevant standards and the requirements of the concrete mix design and quality control procedures. This shall be accomplished by visual checks, sampling and testing, certification from material supplier and information/date from materials supplier. Necessary equipment for the testing of all materials shall be provided and maintained in calibrated condition at the plant by the RMC producer.

(ii) Control of material storage

Adequate and effective storage arrangement shall be provided by RMC producer at RMC plant for reliable transfer and feed systems, drainage of aggregate, prevention of freezing or excessive solar heating of aggregate, prevention from contamination etc.

(iii) Record of mix design and mix design modification

RMC producer shall ensure that record of mix design and mix design modification is readily available in his computer at RMC plant for inspection of Engineer-in-Charge or his authorized representative at any time. Any modification in mix design shall be done only after the approval of the Engineer-in-Charge.

(iv) Transfer and weighing equipment

RMC producer shall ensure that a documented calibration procedure is in place. Proper calibration records shall be made available indicating date of next calibration due & corrective action taken. RMC producer shall ensure additional calibration checks whenever required by the Engineer-in-Charge in writing to contractor. RMC producer shall also maintain a daily production record including details of customers to whom RMC was supplied including details of mixes supplied. Record shall also be maintained of materials used for each day's production including water and admixtures.

The accuracy of measuring equipment shall be within + 2% of quantity of cement & + 3% of quantity of aggregate, admixture and water being measured.

(v) Maintenance of Plant, Truck Mixers and Pumps

Plant, Truck Mixers and Pumps should be well maintained so as to not hamper any operation of production, transportation and placement of concrete.

(vi) Production of concrete at RMC producing plant

- (a) Weighing (correct reading of batch date and accurate weighing): -For each load, printed or graphical records shall be made of the weights of the materials batched, the estimated slumps, the total amount of water added to the load, the delivery ticket numbers for that load and the time of loading the concrete into the truck.
- (b) Adequate testing equipments at the plant including equipment for measuring surface moisture content of aggregates shall be provided by the RMC producer.
- (c) Making corresponding adjustments at the plant automatically to batched quantities to allow for observed measured or reported changes in materials or concrete qualities.

Addition .. NIL
 Deletion .. NIL
 Correction.. NIL
 Overwriting.. NIL

- (d) Sampling of concrete, testing, monitoring of results.
- (e) Diagnosis and correction of faults identified from observation/complaints.
- (f) Control of designed and the prescribed mixes: a quality control system shall be operated to control the strength of designed mixes to the required levels. The system shall include continuous analysis of results from cube tests.
- (vii) Ready mix concrete shall be arranged in quantity as required at site of work. The ready-mix concrete shall be supplied as per the pre-agreed schedule approved by Engineer-in-Charge. Noting extra shall be payable on this account.
- (viii) The Engineer-in-Charge reserves the right to approve RMC producing plants not mentioned in the list of approved RMC plants if they fulfil all the necessary conditions.
- (ix) In case of rejection of concrete for which cubes have failed to achieve the requirement of acceptance criteria as per the CPWD specification, the work done using that RMC shall be rejected and the work shall be redone at the cost of the contractor, however, the Engineer-in-Charge may order for additional tests (like ultrasonic pulse velocity and rebound hammer test etc.) to be carried out at the cost of contractor to ascertain, if the portion of structure wherein concrete represented by the sample has been used, can be retained on the basis of results of individual or combination of these tests. The contractor shall take remedial measures necessary to retain the structure as approved by the Engineer-in-Charge without any extra cost. However, for payment, the basis of rate payable to contractor shall be governed by the 28 days cube test result and reduced rates shall be regulated in accordance with para 5.4.10.5 D (D-3) of CPWD specifications 2019.

Laying of RMC concrete-All ready mixed designed concrete shall be laid with the help of concrete pump of adequate capacity.

3.2 Transportation, placing and Compaction of Concrete

Mixed concrete from the RMC shall be transported to the point of placement by transit mixers and placed in position through concrete pumps and/or steel closed bottom buckets capable of carrying minimum 0.6 cum concrete is proposed to be transported by transit mixer, the mixing speed shall not be less than 4 rev/min. of the drum nor greater than a speed resulting in a peripheral velocity of the drum 70 m/minutes at its largest diameter. The agitating speed for the agitator shall neither be less than 2 rev/min nor more than 6rev/min of the drum. The numbers of revolution for a uniform mix, after all ingredients, have been charged into the drum unless tempering water is added, all rotation after 100 revolutions shall be at agitating speed of 2 to 6 rev/min and the number of such rotations shall not exceed 250. The general construction of transit mixer and other requirement shall conform to IS: 5892.

Addition .. NIL
 Deletion .. NIL
 Correction.. NIL
 Overwriting.. NIL

4 PRE-CAST RCC WORK

- 4.1 Pre-cast reinforced concrete units shall be of grade or mix as specified. Provision shall be made in the mould to accommodate fixing devices such as hooks, flats etc. and forming of notches and holes. Each unit shall be cast in one operation. A sample of the unit shall be got approved from Engineer-in-Charge before taking up the work.
- 4.2 Pre-cast units shall be clearly marked to indicate the top of member and its locations.
- 4.3 Pre-cast units shall be stored, transported and placed in position in such a manner that these are not damaged.

5 FORM WORK

Basically, only steel shuttering shall be adopted in general. However, a combination of steel and shuttering ply conforming to I.S: 848-1974 and I.S: 5539 may be allowed by the Engineer-in-Charge in consideration of the special request of the contractor to maintain quality and speed of the work. In such cases the use of shuttering ply shall be permitted only for circular columns, beam sides and bottom and in other locations wherever it is felt necessary on account of difficulty in using steel shuttering in such locations. But in other areas like slab, rectangular/square columns etc. steel shuttering shall be invariably used. However, no extra payment or deduction will be admissible or made for use of shuttering ply.

To maintain the quality and speed the contractors have to arrange and bring the following minimum quantities steel centering shuttering with necessary steel vertical props, horizontal and diagonal bracing before execution of the following items of work.

i. Foundation and footings.	= 500 sqm.
ii. Beams.	= 1200 sqm.
iii. Columns.	= For 100 nos.
iv. Slabs	= 1500 sqm
v. Steel Props	= 800 nos.

The aforesaid quantities of shuttering materials should be kept at site for execution of the columns, suspended floors and beams at the upper floor levels.

6 Bricks work.

(a) The Common Burnt Clay Bricks shall conform to IS: 1077 and shall be hand moulded or machine moulded. They shall be free from nodules of free lime, visible cracks, flaws warpage and organic matter, have a frog 100 mm in length 40 mm in width and 10 mm to 20 mm deep on one of its flat sides. Bricks made by extrusion process and brick tiles may not be provided with frogs. Each brick shall be marked (in the frog where provided) with the manufacturer's identification mark or initials.

(b) Fly Ash Lime Bricks (FALG Bricks) : The Fly Ash Lime Bricks (FALG Bricks) shall conform to IS 12894. Visually the bricks shall be sound, compact and uniform in shape free from visible cracks, warpage, flaws and organic matter. The bricks shall

Addition .. NIL
 Deletion .. NIL
 Correction.. NIL
 Overwriting.. NIL

be solid and with or without frog on one of its flat side. Fly Ash: Fly ash shall conform to IS 3812

Note: This item will be operated only for load bearing structure upto 2 storeys and for nonload bearing walls 23 cms thick for multi-storeyed buildings.

(c) Clay Fly Ash Bricks: The clay fly ash bricks shall conform to IS 13757. The bricks shall be sound, compact and uniform in shape and colour. Bricks shall have smooth rectangular faces with sharp and square corners. The bricks shall be free from visible cracks, flaws, warpage, nodules of free lime and organic matter, the bricks shall be hand or machine moulded. The bricks shall have frog of 100 mm in length 40 mm width and 10 to 20 mm deep on one of its flat sides. If made by extrusion process may not be provided with frogs. Fly Ash shall conform to grade I or grade II of IS 3812.

(d) Calcium Silicate Bricks: The bricks shall conform to IS 4139. The Calcium silicate bricks shall be sound, compact and uniform in shape. Bricks shall be free from visible cracks, warpage, organic matter, large pebbles and nodules of free lime. Bricks shall be solid and with or without frog. The bricks shall be made of finely grounded sand siliceous rock and lime. In addition limited quantity of fly ash conforming to IS 3812 may be used in the mix. These bricks are also known as Fly Ash Sand Lime bricks in the construction industry.

(e) Brick Bats: Brick bats shall be obtained from well burnt bricks.

(g) Mechanized Autoclave Fly Ash Lime Brick: These bricks shall be machine moulded and prepared in plant by appropriate proportion of fly ash and lime. The autoclave fly ash bricks shall conform to IS 12894. Visually, the bricks shall be sound, compact and uniform shape, free from visible cracks, warpage and organic matters. The brick shall be solid with or without frog, and of 100/80 mm in length, 40 mm width and 10 to 20 mm deep one of its flat side as per IS 12894. The brick shall have smooth rectangular faces with sharp corners and shall be uniform in shape and colour. Fly ash shall conform to IS 3812 and lime shall conform to class 'C' hydrated lime of IS 712.

6.1.2 Classification Bricks/Brick tiles shall be classified on the basis of their minimum compressive strength as given below:

TABLE 6.2

Class Designation	Average compressive strength			
	Not less than		Less than	
	N/mm ²	(kgf/cm ²)	N/mm ²	(kgf/cm ²)
12.5 (125)	12.5	125	15.0	150
10 (100)	10	100	12.5	125
7.5 (75)	7.5	75	10	100
5 (50)	5	50	7.5	75
3.5(35)	3.5	35	5.0	50

The bricks shall have smooth rectangular faces with sharp corner and shall be uniform in colour and emit clear ringing sound when struck.

Addition .. NIL
 Deletion .. NIL
 Correction.. NIL
 Overwriting.. NIL

7 SANITARY INSTALLATIONS, WATER SUPPLY AND DRAINAGE

The work of water supply and sanitary installations shall be got executed by the agency as approved by Engineer-in-Charge.

- i. The entire plumbing drawing and sanitary installation drawing/ details shall be submitted by the contractor and got approved by the Engineer-in-Charge before the execution.
- ii. The entire responsibility for the quality of work will however rest with the building contractor only.

The work of water supply, internal sanitary installations and drainage etc. shall be carried out as per the bylaws of the Municipal Corporation or any other local body and the contractor shall produce necessary completion certificates from such authority after completion of work.

All water tanks, taps, sanitary, water supply and drainage pipes fittings and accessories etc. shall conform to the bylaws and specifications of the Municipal Body/Corporation where CPWD specifications are not available.

The contractor shall engage licensed plumbers for the work and the materials (fixtures/fittings) tested by the local Municipal Body/Corporation wherever required at his own cost. Nothing extra shall be paid/reimbursed for the same.

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.

The work in general shall be carried out as per CPWD specifications. Rate includes all materials, labour and all the operations mentioned in the respective items unless and otherwise specifically mentioned.

The contractor shall give a satisfactory performance test of the entire installation (s) before the work is finally accepted and nothing extra shall be payable to the contractor on this account.

The contractor shall be responsible for all the protection of sanitary, water supply fittings and fixtures against pilferage and breakage during the period of installation until the completion / handing over of the work.

The contractor shall submit completion plans for water supply internal sanitary installations and building drainage work within thirty days of the date of completion. These plans are to be submitted on drawings prepared preferably through computers (1 original copy + 3 photocopies) on suitable scales to show the general arrangement and desired details.

8. 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. A Notarized Guarantee Bond on stamp paper of Rs. 100/- should be submitted in the prescribed proforma attached with tender document shall be given by the specialized firm, for a period of 10 years from the date after the maintenance

Addition .. NIL
 Deletion .. NIL
 Correction.. NIL
 Overwriting.. NIL

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 by the contractor.

9. Water Supply & Sanitary Installation:

A Notarized Guarantee Bond on stamp paper of Rs. 100/- should be submitted by the contractor in the prescribed proforma attached with tender document for performance of water supply & sanitary installation work. In addition, 5% (Five percent) of the cost of water supply & sanitary installation items shall be retained as guarantee to watch the performance of the work done. Which shall be released after 02 (Two) year to be reckoned from the date after the expiry of maintenance period prescribed in the contract, if the performance of the work done is found satisfactory.

10. Guarantee for external finishing walls with smooth exterior paint.

The work of external wall finishing work as per item shall be guaranteed for a period of 5 (Five) years as per enclosed guarantee bond against non-uniform coloring flaking Workmanship and defective finishing. On notification by the Engineer- In - Charge of any Compliance to be performed under this guarantee by the contractor. The contractor shall immediately supply labour/ material and rectify all the defects notified by the Engineer - In -Charge to perform this guarantee at no additional cost and to ensure that the defects are fully rectified. In addition extra 2% (two percent) of the amount of the external finishing work as per relevant item of the agreement shall be withheld on this account which shall be refunded under expiry of the guarantee period if no defects are observed in the said period if the defects have been rectified in pursuant in the agreement to the entire satisfaction of the Engineer - In - Charge.

The materials shall be Premium Acrylic Smooth Exterior paint with silicone additives "Snowcryn 1- XT, Of M/s Snowcem India Ltd. or equivalent like (a) Weather Coat Smooth " of M/s Berger Paint India Ltd (b) " Dulux - Weather Shield" of M/S . ICI (India) Paints (c) Apex Ultima"of M/s Asian Paints.

The base for painting (Acrylic) be prepared by cleaning, scaling mosses etc. with wire
Brushes and cleaning with water etc. complete for which no extra payment shall be made

Addition .. NIL
Deletion .. NIL
Correction.. NIL
Overwriting.. NIL

11. ALUMINIUM WORK:

11.1 Before commencement of the work, the contractor shall co-relate all relevant structural, architectural, detailed drawings of aluminum doors, windows etc. and service drawings and shall satisfy himself that the information available there form is complete and unambiguous. The contractor shall be responsible for any error/omission owing to any discrepancy in the drawings, which has been overlooked by him and or had not been brought to the notice of the Engineer-in-Charge before execution.

11.2 MATERIAL:

11.2.1 Inspection of materials or works: All materials brought to the site by the contractor for use in the work, as well as fabricated components shall be subject to inspection and approval by Engineer-in-Charge. The contractor shall be required as directed by the Engineer-in-Charge, to get necessary tests carried out on materials components at his own cost from the laboratories/test houses, approved by the Engineer-in-Charge.

11.2.2 Manufacturer's Test Certificate: The contractor shall, if required by the Engineer-in-Charge, produce manufacturer's test certificates for any material or particular batch of materials supplied by him. The tests carried out shall be as per relevant specifications/Indian Standard Code.

11.3 Aluminium Sections:

11.3.1 Aluminium sections to be used for doors, windows, ventilators, fixed glazing etc. shall be manufactured by reputed companies such as Hindalco, Jindal, Indian Aluminium Company, NALCO satisfying the design and specification criteria of relevant components and shall be subject to approval of the Engineer-in-Charge.

11.3.2 The aluminium extruded sections shall conform to IS Designations HEIWP/HVIWP alloy, with chemical composition and technical properties as per I.S: 733 and IS: 1285.

11.3.3 For sectional weight, tolerance limits shall be (-) 0.5%.

11.3.4 Approval of samples: No work shall commence before samples are approved. Samples of un-anodised as well as anodized and electro coloured aluminium sections, neoprene gaskets, thermal barrier sections, glass, screws, hardware and any other material or components requiring approval of samples in opinion of Engineer-in-Charge shall be submitted for his approval. These samples will be retained as standards of materials and workmanship till the completion of work. Anodising and electro colouring of aluminium section and fabrication shall be got done from the factory as approved by the Engineer - in - Charge.

11.4 Fabrication:

11.4.1 Contractor shall prepare detailed shop drawings of his proposal using suitable sections based on architectural design/drawings, adequate to meet the

Addition .. NIL
 Deletion .. NIL
 Correction.. NIL
 Overwriting.. NIL

requirement/specifications laid down in this tender document. These detailed shop drawings shall be got approved from the Engineer-in-Charge before taking up the fabrications. Actual measurement of each opening shall be measured before fabrication of framework. Aluminium shall be fabricated in the factory to the extent possible and feasible, only adjustment, joining, assembling and fixing shall be done at the site of work.

11.4.2 All hard ware used shall conform to the relevant specifications and as per samples approved by the Engineer-in-Charge. Design, quality, type, number and fixing of hardware shall be in accordance with architectural drawings and as approved by the Engineer-in-Charge.

11.4.3 All doors, windows, ventilators and glazing etc. shall be made completely leak proof against water and air using neoprene gaskets and silicon sealants to the satisfaction of the Engineer-in-Charge.

11.4.4 The frames shall be as per architectural drawings and the corners of the frame shall be true to right angles. Both fixed frames and openable shutter frames shall be fabricated out of sections which have been cut to length, mitred and mechanically jointed for satisfactory performance. All members shall be accurately machine milled and fitted to form hairline joints. The jointing accessories such as cleats, brackets, screws etc. shall be of such materials as not to cause any bimetallic action. Nothing extra shall be paid for jointing accessories.

11.4.5 Mixed joints of the doors, windows, ventilators, shutters and frames shall be either corner crimped or fixed with self tapping stainless steel screws of approved make and quality to heavy duty extruded aluminium cleats and sealed with silicon sealant, for which nothing extra shall be paid.

11.4.6 Verticals of the frame shall be embedded in the floors, wherever required upto 50mm including cutting and making good of the floor, for which nothing extra shall be paid.

11.5 Fixing.

11.5.1 The screws used for fixing aluminium frames to masonry walls/RCC members and aluminium members to another aluminium members shall be stainless steel of approved make and quality. Threads of machine screws used shall conform to IS : 4218.

11.5.2 The gap between frames and sill, jamb or soffit, shall be filled with approved polysulphide sealant to ensure complete water tightness. The sealant shall be of such approved colour and composition that it would not stain the masonry/RCC work. It should not set or flow and shall not set hard or dry out under any conditions of weather. The silicon sealant shall be used as required and shall match the colour of the aluminum sections. Any excess sealant shall be removed/cleared. Nothing extra shall be paid for the above.

11.5.3 Fixing of glass panes should be designed in such a way that replacing damaged/

Addition .. NIL
Deletion .. NIL
Correction.. NIL
Overwriting.. NIL

broken glass panes is easy without having to remove or damage any members or interior finishing materials.

11.6 Anodizing/ Electro Coloring:

11.6.1 Aluminum sections shall be anodized as per IS: 7088 - 1973. Anodising to be done as per Grade AC-15 and shall not be less than 15 microns thick when measured as per IS: 6012, and electro colour with colour fastness rating no.8 of IS: 1868. Colour anodizing shall be done only by electro color process. No visual variation in colour shall be permitted.

11.6.2 The anodic coating shall be properly sealed by steam or by boiling in deodorized water as per IS: 1868 and or IS: 6057. Sealing quality shall be tested in accordance with the relevant standards. Nothing extra shall be paid on that account.

11.6.3 The contractor shall satisfy himself by 100% checking in the factory that the thickness of the anodic coating is found to be minimum 15 microns and sealing quality appropriate everywhere. The testing shall be done by 'Eddy current method' as per IS: 6012. The Eddy Current Method uses a probe that contains a coil. This probe/coil is driven by a high-frequency oscillator to generate an alternating high-frequency field. If thickness is found substandard, the material shall be rejected. Requisite tests shall also be carried out at site as instructed by the Engineer-in-Charge. Contractor shall arrange all the equipment's required for these tests at site. Nothing extra shall be paid for the same.

11.6.4 All anodized aluminum works shall conform to relevant IS standards relating to materials, workmanship, fabrications, finishing, erection, installation etc. In this connection, IS codes including IS: 1868 – 1982, IS: 733 – 1983, IS: 1948-1961, IS: 7088-1973, 6012-1970, IS: 1285-1975, IS: 740-1975 are considered relevant and applicable.

11.6.5 A thick layer of clear transparent lacquer based on methacrylates or cellulose styrate shall be applied on the anodised sections, before they are brought at site. The lacquer shall be removed after installations are complete or as an alternative, the exposed surface of the aluminium sections shall be provided with gummed paper tape protection. After fixing and assuring of proper functioning of doors, windows etc., such protective layer shall be cleaned out/removed. Nothing extra shall be paid for above to the contractor.

11.7 Glazing:

11.7.1 All glass panes shall be retained within aluminium framing by use of exterior grade neoprene gaskets even though PVC gaskets may be mentioned in the schedule. No water leakage shall occur on the interior even if water penetrates exterior gradeneoprene gaskets. Use of glazing or caulking compounds around the perimeter of glass will not be permitted. All fixed glass panes shall be supported by setting blocks. There shall be no whistling or rattling. Before installation of glass, contractor shall ensure the following: (a) All glazing rebates shall be square, to plumb, true to plane, dry and free from dust, (b) Glass edge

Addition .. NIL
 Deletion .. NIL
 Correction.. NIL
 Overwriting.. NIL

shall be clean and cut to exact size, (c) glazing shall provide such thermal expansion and contraction of components, as will be caused by the temperature variations inside and outside without causing buckling stress on glass, detrimental effect on structural elements and components.

11.7.2 Samples of typical glazing shall be made and got approved by the Engineer-in-Charge before mass installation taken in hand.

11.7.3 Glass in doors, windows, ventilators and fixed glazing etc. shall be of Modi, Atul, Triveni, Asahi, Saint Gobain, Pilkington make as approved by the Engineer-in-Charge.

11.7.4 4mm (10.00 kg/sqm) thick glass panes shall be provided for openings not exceeding 0.5 sqm. Openings exceeding 0.5 sqm. in size shall be provided with 5.5 mm. to 6.00 mm thick (13.75 kg. to 15 kg/Sqm.) glass panes unless specified otherwise.

11.7.5 Panel inserts shall be exterior grade boiling water proof particle board of Novapan, Bhutan Board, Kitlam, Green Lam make.

11.7.6 Fitting and fixture shall be of best quality of Classic, Adarsh as approved by the Engineer-in-Charge.

11.8 Protection and Cleaning

After erection and removal of protective layer, all aluminium works including glass panes shall be washed with a suitable thinner and water to give a uniform clear appearance free from any marks and/or blemishes.

11.9 Measurements:

11.9.1 For aluminium framework, the length of each member of the frame shall be measured correct to half centimeter along the center line of the member. The weight shall then be calculated on the basis of unit weight specified in the manufacturer's catalogue. The weight shall also be calculated on the basis of the unit weight of the corresponding sections specified in the approved drawings.

11.9.2 For purpose of payment, the least of the two weights calculated as per 5.9.1 above shall be considered subject to the condition that actual weight per meter of the respect sections is not less than the weights calculated above. In case the actual weight per meter is less, the payment then shall be made on the basis of actual weight per meter.

11.9.3 For glazing and fixed laminated inserts, actual length and breadth of glass/laminated board shall be measured correct to half a centimeter and area calculated in square meters correct to two places of decimal.

11.9.4 Weight of cleats, angles, brackets, packing pieces, separators, nuts, bolts, washers, screws and other fixtures etc. which shall be required for fabrication and erection of aluminium work shall not be considered for the purpose of payment.

Addition .. NIL
Deletion .. NIL
Correction.. NIL
Overwriting.. NIL

11.9.5 Rate: The rate shall include the cost of labour & materials incurred in all the operation described above.

12.0 **Wood Work**

The samples of species of timber to be used shall be deposited by the contractor with the E.E. before commencement of the work. The contractor shall produce cash vouchers and certificate from standard kiln seasoning chemically pressure treatment plant operators about the timber section to be used on the work having been kiln seasoned chemically pressure treated by them, failing which it would not be to accept as kiln seasoned & chemically pressure treated.

12.1 Factory made shutter, as specified shall be obtained from factories to be approved by the Engineer-in-Charge and shall conform to IS: 2202 (Part-I) 1977. The contractor shall inform well in advance to the Engineer-in-Charge the names and address of the factory where from the contractor intends to get the shutters manufactured. The contractor will place order for manufacture of shutters only after written approval of the Engineer-in-Charge in this regard is given. The contractor is bound to abide by the decision of the Engineer-in-Charge and recommend a name of another factory from the approved list in case the factory already proposed by the contractor is not found competent to manufacture quality shutters. Shutters will, however, be accepted only, if this meet the specified tests. The contractor will also arrange stage-wise inspection of the shutters at factory by the Engineer-in-Charge or his authorised representative. Contractor will have no claim if the shutters brought at site are rejected by Engineer-in-charge in full lot due to bad workmanship/quality. Such shutters will not be measured and paid and the contractor shall remove the same from the site of work within 7 days after the written instructions in this regard are issued by Engineer-in-charge or his authorised representative.

13. **STEEL WORK:**

13.1 The steel doors, windows, ventilators and composite units shall be got fabricated in workshop approved by the Chief Engineer concerned.

13.2 The M.S. plate clamps 15x6mm. Thick for holding arrangements are to be provided and added as per site conditions. The rate is inclusive of the cost of such clamps.

13.3 All welded steel work shall be tested for quality of weld as laid down in IS: 822-1970 before actual erection, unless otherwise specified in the nomenclature of the item.

14. **MARBLE STONE SLAB WORK**

14.1 The marble stone slab work wherever specified in this contract / tender documents, the thickness should be considered as 16 mm in place of 18 mm and correspondingly the thickness of bed mortar shall be 24 mm.

Addition .. NIL
Deletion .. NIL
Correction.. NIL
Overwriting.. NIL

14.2 Flooring work is to be executed as per flooring pattern shown in Arch. Drawings and as per direction of Engineer-in-Charge for which nothing extra will be paid.

14.3 The size of tiles/marble stone/Granite stone in dado/skirting is to be provided as shown in Architectural drawings.

15 (a) WARRENTY CARD WHEREEVER APPLICABLE AS PER DIRECTION OF ENGINEER IN CHARGE

Wherever applicable, the product which comes with manufacture:-

Such warranty/guarantee shall be available by the agency should be handed over to the Engineer-in-charge as a documentary proof.

(b) GURANTEE BOND WHEREEVER APPLICABLE AS PER DIRECTION OF ENGINEER IN CHARGE

(i) GURANTEE BOND FOR REMOVAL OF DEFECTS AFTER COMPLETION IN RESPECT OF WATER PROOFING WORKS:-A Notarized Guarantee Bond on stamp paper of Rs. 100/- should be submitted by the contractor in the prescribed proforma.

(ii) GURANTEE BOND IN RESPECT OF ALUMINIUM DOORS, WINDOWS VENTILATORS, STRUCTURAL GLAZING & ALUMINIUM COMPOSITE PANEL WORKS :-A Notarized Guarantee Bond on stamp paper of Rs. 100/- should be submitted by the contractor in the prescribed proforma.

(iii) GUARANTEE BONDS FOR REMOVAL OF DEFECTS AFTERCOMPLETION IN RESPECT OF ACRYLIC PAINT WORKS:-A Notarized Guarantee Bond on stamp paper of Rs. 100/- should be submitted by the contractor in the prescribed proforma.

(iv) GURANTEE BOND FOR REMOVAL OF DEFECTS AFTER COMPLETION IN RESPECT OF WATER SUPPLY AND SANITARY INSTALLATIONS :-A Notarized Guarantee Bond on stamp paper of Rs. 100/- should be submitted by the contractor in the prescribed proforma.

16.0 : FLOORING

- i) The rate of items of flooring is inclusive of Providing Sunken Flooring in Bathrooms, Kitchen, W.C., etc. and nothing extra on this account is admissible.
- ii) All the work in general shall be carried out as per CPWD Specifications 2019.
- iii) The vitrified tiles shall be double charged. The tiles shall be of specified colors as shown in the drawings and will be laid in pattern as per architectural drawings. Nothing extra shall be paid for laying tiles in specific pattern. The tiles shall be of first quality of approved make.
- iv) Proper gradient shall be given to flooring for toilets, verandah, kitchen, courtyard etc. so that the wash water flows towards the direction of floor trap. Any reverse slop if found, shall be made good by the contractor by ripping open the floor/grading concrete and nothing shall be paid for such rectifications.

Addition .. NIL
Deletion .. NIL
Correction.. NIL
Overwriting.. NIL

- v) The flooring and skirting will be executed as per pattern shown in the Architectural drawings and as per approval of Engineer-in-Charge and nothing extra shall be payable on this account.
- vi) Samples of flooring material are to be deposited well in advance to the Engineer-in-Charge for approval. Approved samples should be kept at site with the Engineer-in-Charge and the same shall not be removed except with the written permission of Engineer-in-Charge. No payment whatsoever will be made for these samples.
- vii) The rate shall include the cost of all materials and labour involved in all the operations. Nothing extra shall be paid for use of cut/sawn tiles in the work.

Addition .. NIL
Deletion .. NIL
Correction.. NIL
Overwriting.. NIL

**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 10 (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 without limited liability. 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

Addition .. NIL
Deletion .. NIL
Correction.. NIL
Overwriting.. NIL

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 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. _____

Addition .. NIL
Deletion .. NIL
Correction.. NIL
Overwriting.. NIL

TO BE EXECUTED BY THE CONTRACTOR FOR REMOVAL OF DEFECTS AFTER COMPLETION IN RESPECT OF WATER SUPPLY AND SANITARY INSTALLATIONS

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 work in the said contract recited structurally stable workmanship, finishing and use of sound materials.

AND WHEREAS THE GUARANTOR agreed to give a guarantee to the effect that the said work will remain structurally stable and guaranteed against faulty workmanship, finishing, manufacturing defects of materials and leakages, etc.

NOW THE GUARANTOR hereby guarantee that work executed by him will remain structurally stable after expiry of maintenance period prescribed in the contract for the minimum life of 02 (Two) year to be reckoned from the date after the expiry of maintenance period prescribed in the contract.

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

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

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

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

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

1. _____

2. _____

SIGNED FOR AND ON BEHALF OF THE PRESIDENT OF INDIA BY

_____ in the presence of:

1. _____

2. _____

Addition .. NIL
Deletion .. NIL
Correction.. NIL
Overwriting.. NIL

**TO BE EXECUTED BY THE CONTRACTOR FOR REMOVAL OF DEFECTS AFTER
COMPLETION IN RESPECT OF ALUMINIUM DOORS, WINDOWS VENTILATORS,
STRUCTURAL GLAZING & 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 without limited liability. 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 thereunder, then the guarantor will indemnify the principal and his successor against all loss, damage, cost expense or otherwise which may be incurred by him by reason of any

Addition .. NIL
Deletion .. NIL
Correction.. NIL
Overwriting.. NIL

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. _____

Addition .. NIL
Deletion .. NIL
Correction.. NIL
Overwriting.. NIL

GUARANTEE TO BE EXECUTED BY CONTRACTORS FOR REMOVAL OF DEFECTS AFTER COMPLETION IN RESPECT OF ACRYLIC PAINT WORKS.

This agreement made this ----- day of -----Two thousand and ----- between ----- son of ----- of ----- (herein after called the Guarantor of the part) and the PRESIDENT OF INDIA (herein after called the Government of the other Part)

WHEREAS THIS AGREEMENT is supplementary to a contract (hereinafter called for Contract) dated ----- and made between the GUARANTOR of the one part and the GOVERNMENT of the other part, hereby the Contractor interalia, under took that the acrylic painting work done on building will remain non flaking and uniform coloring without patches

.AND WHEREAS THE GUARANTOR agreed to give a guarantee to effect that the said Acrylic painting will remain non flaking and uniform coloring without patches for five years from the date of completion of work.

NOW THE GURANTOR hereby guarantee that Acrylic painting done by him will remain non flaking and uniform coloring without patches and the minimum guarantee period of such painting shall be five years to be reckoned form the date of the completion of work

.Provided that the guarantor will not be responsible for damage caused due to earthquake or misuse of buildings or alteration and for such purpose. The decision of the Engineer-in-Charge with regard to cause of damage shall be final and binding.

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 Cost and risk. The decision of the Engineer-in-Charge as to the cost, payable by the guarantor shall be final and binding.

That if the guarantor fails to make good the defects or commits breach there under then the guarantor will indemnify the principal and his successors against all loss, damage cost, expenses or otherwise which may be incurred by him by reasons of any default on the part of 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 and the decision of the Engineer-in-Charge will be final and binding on both the parties.

Addition .. NIL
Deletion .. NIL
Correction.. NIL
Overwriting.. NIL

An amount equivalent to 2% of item will be deducted from R. A. Bills as security and the same will be refunded after five years from the date of completion of work.

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

*SIGNED sealed and Delivered by (OBLIGATOR) in the presence of
SIGNED FOR AND BEHALF OF THE PRESIDENT OF INDIABY*

In the presence of

- 1*
- 2*

Addition .. NIL
Deletion .. NIL
Correction.. NIL
Overwriting.. NIL

SPECIAL CONDITIONS

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 vehicle is 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 compulsorily use of 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 the 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. No extra payment shall be done for leveling course, if required any, to match finished level of floorings of different materials and thickness as per direction of

Addition .. NIL
 Deletion .. NIL
 Correction.. NIL
 Overwriting.. NIL

Engineer-in-Charge.

15. During the execution of work, the finished items i/c tile works, granite work, marble work, kota stone and all other items shall be protected from damages/scratches/broken/discolour etc. by using suitable materials as per direction of Engineer-in-Charge till the completion/handing over of building to user department.
16. Contractor shall provide for use of CPWD the following during entire period of the work.
 - (i) CCTV camera IP based on site Project Monitoring System with minimum 06 Dome/Bullet cameras.
 - (ii) Temporary site office of 01 rooms having minimum size of 15x10ft including required furniture's, A/C & attached toilet for department for monitoring the project.
17. No extra payment will be made for operation/activity mentioned at Sl. No. 1 to 16 above.
18. Contractor shall prepare the structural design & detailing of Structural Glazing, ACP works, Entrance gate and vetted from government engineering collage like Jadavpur University, Kolkata, Bengal Engineering and Science University, Shibpur or any other Government Engineering Collage with the approval of Engineer-in-charge. No, additional payment will be made on this account.

Addition .. NIL
 Deletion .. NIL
 Correction.. NIL
 Overwriting.. NIL

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

The contractor shall not store/dump construction material or debris on metalled road.

The contractor shall get prior approval from Engineer-in-Charge for the area where the construction material or debris can be stored beyond the metaled 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.

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.

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.

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.

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 relating to dust emission.

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.

The contractor shall compulsorily use of wet jetting rendering and stone cutting.

The contractor shall comply all the preventive and protective environmental steps as stated in the MoEF guidelines, 2010.

The contractor shall carry out on-Road-Inspection for black smoke generating machinery. The contractor shall use cleaner fuel.

The contractor shall ensure that all DG sets comply emission norms notified by MoEF.

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 km/ph. 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.

Addition .. NIL
Deletion .. NIL
Correction.. NIL
Overwriting.. NIL

The contractor shall ensure that the construction materials 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.

Addition .. NIL
Deletion .. NIL
Correction.. NIL
Overwriting.. NIL

LIST OF PREFERRED MAKES FOR CIVIL WORKS

Approved makes of materials to be used in the work are as under. In case of non-availability of these makes, the Engineer-in-charge may allow use of alternative BIS makes of materials in the work. Non-BIS marked materials may be permitted by the Engineer-in-charge if BIS make is not available.

No.	Material description	Approved Manufacturer / Brand Name
1	Ready Mix Concrete Plant.	Ultratech Ready Mix Concrete Plant, ACC Ready Mix Concrete Plant.
2	Cement (PPC)	ACC, Ultratech, Vikram, Shree Cement, Ambuja, Jaypee Cement, Century Cement & J.K. Cement.
3	White Cement	Birla White, J.K. White.
4	TMT bars – Fe 500D or more	SAIL, Tata Steel Ltd, RINL, Jindal Steel & Power Ltd. and JSW Steel Ltd
5	Water proofing compounds, admixtures, plasticizer, super plasticizer, curing compounds	Fosroc, ROFF/Dr. Fixit (Pidilite Industries), Garware, STP Ltd., Sika, BASF, Ardex Endura & Perma Construction Aids Pvt. Ltd.
6	Integral water proofing compound with cement (for plaster & mortar)	Fosroc: Conplast 421, Dr. Fixit: LW+, Sika: Sikacim, Asian Paint: SmartCare Vitalia & equivalent product of BASF, Garware, STP Ltd., Ardex Endura & Perma Construction Aids Pvt. Ltd.
7	Water proofing compound for bathroom/ toilet /balcony & other wet areas	Fosroc: Bush Bond, STP Ltd.: Shalicrote, CICO: Tapecrete, Dr. Fixit: Pidifine 2K, Garware, Sika: Topseal 107, Asian Paints: Damp Block 2K & equivalent product of BASF, Ardex Endura & Perma Construction Aids Pvt. Ltd.
8	Crystalline water proofing compound	Fosroc: Bushbond TGP, Dr. Fixit: Dr. Fixit Krystalline, Sika: Sika 101h, Garware, Asian Paints: SmartCare & equivalent product of BASF, Ardex Endura, STP Ltd., Perma Construction Aids Pvt. Ltd.
9	Grouts, Tile Adhesive	Laticrete, STP Ltd., Kajaria, Garware, BASF, Perma, Ardex Endura, Wurth, JK White.
10	Structural steel	SAIL, Tata Steel, Rashtriya Ispat Nigam Ltd. (RINL), JSW Steel Ltd., Jindal Steel & Power Ltd.
11	Polycarbonate sheet	GE Plastic, LEXAN & MG Polyplast, DPI Daylighting.
12	Profile steel sheet	Ezydeck of TATA, Lloyd Superdeck, JSW, Jindal
13	Particle board	Action TESA, Merino, Archidply & Orion Doors
14	Laminates	Action TESA, Vibrant Laminate Pvt. Ltd., Greenlam, Century Ply, Merino, Archidply, Virgo & Orion Doors
15	Flush door shutters	Duro, Century, Durian, Archidply, GreenPly, JAYNA (Jain Wood Industries), Jain Doors Pvt. Ltd., GREENPANEL. Note: Only ISI marked flush door shutters to be used.

Addition .. NIL
 Deletion .. NIL
 Correction.. NIL
 Overwriting.. NIL

16	Fire rated doors	Signum fire protection, ASES (Agni Suraksha), Saint Gobain, Shakti Metdoor, NAVAIR, Promat, Thrislington, Pacific, Sukri & Bhawani. If fire rated glass is integral part of fire rated door than it should be of one of the following makes: Pyroguard, Saint Gobain, Asahi India, Pilkington & Schott.
17	False ceiling system	Armstrong, USG Boral, Saint Gobain, Aerolite, Diamond ceilings, Interarch, Hi-steel of PR Ceiling Products, Hunter Douglas.
18	Plywood / Veneer	GreenPly, Century, Merino, Durian, Archidply, GREENPANEL & Orion Doors
19	Melamine polish	Asian Paints melamine gold, Garware, Wudfin of Pidilite & Timbertone of ICI Dulux.
20	Floor spring & door closer	Godrej, Dormakaba, Dorset & Kich.
21	Aluminium section	Hindalco, Jindal & Indian Aluminium Co.
22	Anodized aluminium hardware (Heavy Duty)	Kilong, Alualpha, Classic & Ebco.
23	Clear/Float/Frosted/Toughen Glass/ Refractive Glass	Saint Gobain, AIS, Gold Plus & Modiguard
24	Stainless steel railing, Accessories etc.	Jindal, Dormakaba, Kich, GEZE, Godrej & Hardwyn.
25	SS fittings for doors & window	Jindal, Dormakaba, Kich, Dorset, Godrej, Ozone & Define
26	Silicon based water repellent/weather sealant	GE Plastics, Wurth, STP Ltd., Dow Corning, Waker, BASF & Pidilite (Dr. Fixit/Roff).
27	Poly-Sulphide Sealant	Fosroc, STP Ltd., Pidilite (Dr. Fixit/Roff), Sika & BASF
28	Mosaic tiles/Chequered Tiles	Ultra Tiles, NITCO, Hyper, Mayur & Pavcon
29	Glazed Ceramic Tiles	Kajaria, NITCO, Orient Bell, RAK & AGL.
30	Glazed Vitrified Tiles (Antiskid / Matt / Polished)	Kajaria, NITCO, Orient Bell, RAK, Adicon & AGL.
31	Paver block & Kerb stone	Instone, Pavcon, Hyper, Mayur, KK, Power, Sharda & Navya
32	Cement Based wall putty	Asian Paints, Birla Wall Care, JK White.
33	Oil bound washable distemper / dry distemper	Asian Paints (Professional Acrylic Distemper), Nerolac: Beauty Acrylic Distemper, Berger: Bison Acrylic Distemper, Garware & Dulux ICI: Maxilite
34	1st quality acrylic distemper (washable/ ready mix / Low VOC)	ICI-Dulux, Asian Paints, Garware, Berger & Nerolac.
35	Acrylic emulsion paints	Asian Paints: (Professional Premium Interior Emulsion Paint), Garware, Nerolac: Beauty Gold, Berger: Rangoli Total Care & ICI Dulux: Super Cover
36	Plastic emulsion paint	Asian Paints: (Apolite Heavy Duty Premium Emulsion Paint), Garware, Nerolac: Impression, Berger: Easy Clean & ICI Dulux: 3 in 1
37	Premium acrylic emulsion paints (Interior)	Asian Paints : (Royale Luxury Emulsion), Garware, Nerolac : Impression, Berger : Silk & ICI Dulux : Velvet Touch

Addition .. NIL
Deletion .. NIL
Correction.. NIL
Overwriting.. NIL

38	Textured exterior paint	Asian Paints, Nerolac, Garware, Berger Paints, Ultratech Paints & Luxture
39	Acrylic smooth exterior paint	Asian Paints: (Apex/Professional Premium Exterior Emulsion), Nerolac: XL, Berger: Weather Coat, Garware & ICI Dulux: Weather Shield,
40	Premium acrylic smooth exterior paint with silicon additive	Asian Paints: Apex Ultima, Nerolac: XL total, Garware, Berger: Weather Coat all Guard & ICI Dulux: Weather Shield Max
41	Synthetic Enamel Paint	Asian Paints: Apcolite Premium Gloss Enamel, Nerolac: Synthetic Hi gloss, Garware Berger: Luxol Hi gloss & ICI Dulux: Gloss Synthtic enamel.
42	Cement Primer	Nerolac, Berger (BP white), Garware, STP Ltd., Asian (Decoprime WT) & ICI (White primer).
43	Steel primer (Red Oxide Zinc Chromate Primer)	Asian Paints, Nerolac, Garware, Berger & ICI
44	Wood primer	Asian Paints (wood primer - White/Pink), Garware, Berger, ICI & Nerolac
45	Epoxy paint	Asian Paints, STP Ltd., Nerolac, Berger, ICI, Kansai & Akzo Nobel
46	Fire paint	Asian Paints, STP Ltd., Akzo Nobel, Wurth PROMAT & JOTUN
47	GI/MS Pipe	Tata, Jindal, Jindal (Hisar) & Prakash Surya
48	GI Fittings	Unik, AVR, HB & Zoloto
49	HDPE Pipes	Reliance, Jain Pipes, ORIPLAST & Supreme
50	DI Pipes & fittings	Electrosteel, Jindal, TATA DUCTURA & Kesoram
51	uPVC pipe and fittings	Astral, Supreme, Prince, M/s Skipper Ltd., Ashirwad & Prayag Polymers Pvt. Ltd., Hindware.
52	SW Pipes (BIS approved)	Anand, Parry & Perfect
53	Centrifugally Cast (Spun) Iron Pipes & Fittings /Hubless pipes & fittings	Hepco, NECO, BIC, SKF, Raj Pattern Makers & Founders Pvt. Ltd. or any other ISI marked make.
54	CI Manhole covers, frames & GI Gratings	Hepco, NECO, BIC, SKF or any other ISI marked make
55	SFRC Manhole covers & gratings	Hepco, NECO, KK, JAIN & PARGATI
56	CP brass fittings (Superior Range)	Jaquar, Groh, PLATO, Prima, Roka, Player & Kingston.
57	CP brass fittings (Normal Range)	ESSCO (by Jaquar), PLATO, Prima, Parryware, CERA, Kerovit (Kajaria), Johnson, Prayag Polymers Pvt. Ltd., Player & Kingston.
58	Sanitary ware, fittings & accessories	Kerovit (Kajaria), Prima, CERA, PLATO, Jaquar, Parryware, Hindware & Prayag Polymers Pvt. Ltd.
59	Mirror glass	Atul, Modi Guard, Gold Plus & Golden Fish
60	CPVC Pipe & fitting	Astral, Supreme, Prince, M/s Skipper Ltd., Ashirwad & Prayag Polymers Pvt. Ltd., Hindware.
61	Stainless steel sink	Silver Shine (Bluestar Sanitary Industries Pvt. Ltd.), Prima, PLATO, Neelkanth, Niralli, AMC, Jyna & Prayag Polymers Pvt. Ltd.

Addition .. NIL
Deletion .. NIL
Correction.. NIL
Overwriting.. NIL

62	FRP doors shutters & frame	Jayna, Fiberways, Jain Doors Pvt. Ltd. & Selected Product Co.
63	Extruded polystyrene insulation board	Dowcorning, Supreme, Texas & Analco
64	Gypsum plaster	Ferrous Crete, Gyproc Saint Gobain, Ultra Tech & JK White
65	Floor hardener	Ironite, Perma, STP Ltd., Ferrok & Hardonate
66	Modular Expansion Joint	Herculus, Sanfield India Ltd & Vexcolt
67	Glass Wool	Dow Corning, UP Twiga & Isover
68	uPVC door/window/ventilator	Fenesta, Komerling, Rheau, Veka, Duroplast, Aluplast & Advika Profiles Pvt. Ltd. (Advika Fenster) (Fabrication and installation will be done by profile manufacturer or his authorized fabricator).
69	uPVC doors and window hardware	Roto, Dorset, DNV Accado & Kinlong
70	AAC block Adhesive	UltraTech, Perma, Ardex Endura, Home sure/Build well & Ferrous Crete, MYK Latcrete.
71	PVC Water Tank	Sintex, Patton & Vectus
72	AAC Block	TATA, Excel, MAX Blocks, UltraTech, HIL, BILTECH ACE & Gravit.
73	Modular Kitchen	Godrej, Evok by Hindware
74	Aluminum shuttering	Knest, S-form, Durand Forms (India) Pvt. Ltd. & Mivan
75	Dash fasteners /Anchors	Wurth, Hilti, Bosch & Fischer
76	MBBR reactor, Multi grade Filter & Activated Carbon Filter	Degremont, OSDPL, Thermax & ION Exchange
77	MBBR media	Cooldeck, MM Aqua, Eco Aqua & Ion Exehange
78	Solid PVC Door Frames & Shutters	Polyline, Sintex, Plasto Green, Duroplast & Rajshri Plastiwood
79	Aluminium Composite Panel	Alstrong, Aludecor & Timex
80	Toilet Cubical with HPL board & SS fittings of grade SS-316	Merino Industries Limited, Greenlam Industries Ltd.

All fitting shall have ISI marked on its body wherever applicable.

Note :- Superintending Engineer-Barasat, CPWD, Kolkata reserves the right to add or delete any materials and Brands in the list of approved materials/brands. Unless otherwise specified in the tender document, all the materials which are ISI marked shall be used in the work and if the ISI marked materials are not available, materials confirming to ISI shall be used, and for materials which are neither BIS marked nor confirm to BIS, the manufacturers specification shall be used with prior approval of Engineer-in-charge.

Addition .. NIL
Deletion .. NIL
Correction.. NIL
Overwriting.. NIL

RECEIPT OF DEPOSITION OF ORIGINAL EMD

(Receipt No...../date.....)

NAME OF WORK: A/R & M/O External Services of Iron Removal Filtration Plant at SB, Hatikanda during 2025-26

- | | | |
|------------------------------------|----|-----------------------------|
| 1. NIT No. | :- | 16/EE/BCD-II/2026-27 Recal1 |
| 2. Estimated Cost | :- | Rs. 2,44,256.00 |
| 3. Amount of Earnest Money Deposit | :- | Rs.4,885.00 |
| 4. Last date of submission of bid | :- | 14/07/2026 at 03:00 P.M. |
| 5. Name of contractor | :- | _____ *** _____ |
| 6. Form of EMD | :- | _____ *** _____ |
| 7. Amount of Earnest money deposit | :- | _____ *** _____ |
| 8. Date of submission of EMD | :- | _____ *** _____ |

(___ *** ___ to be filled by EMD receiving EE)

Signature, Name and Designation of EMD receiving officer (EE/AE(P)/AE/AAO) along with Office stamp

Addition .. NIL
 Deletion .. NIL
 Correction.. NIL
 Overwriting.. NIL



CENTRAL PUBLIC WORKS DEPARTMENT

OFFICE MEMORANDUM

No. DG/SE/CM/CON/285

ISSUED BY AUTHORITY OF DIRECTOR GENERAL, CPWD

NIRMAN BHAWAN, NEW DELHI

DATED: 04.06.2015

Subject: Amendment in General Conditions of Contract(GCC)-2014

The following provision of GCC-2014 are amended :-

S. No.	Existing Provision	Modified Provision
1.	<p>CPWD – 6 for e-tendering:-</p> <p>11. The contractor whose bid is accepted will be required to furnish performance guarantee of 5% (Five Percent) of the bid amount within the period specified in Schedule F. This guarantee shall be in the form of cash (in case guarantee amount is less than Rs. 10000/-) 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 Rs. 1,00,000/-) or Government Securities or Fixed Deposit Receipts or Guarantee Bonds of any Scheduled Bank or the State Bank of India in accordance with the prescribed form. In case the contractor fails to deposit the said performance guarantee within the period as indicated in Schedule 'F', including the extended period if any, the Earnest Money deposited by the contractor shall be forfeited automatically without any notice to the contractor. The earnest money deposited alongwith bid shall be returned after receiving the aforesaid performance guarantee.</p>	<p>CPWD – 6 for e-tendering:-</p> <p>11. The contractor whose bid is accepted will be required to furnish performance guarantee of 5% (Five Percent) of the bid amount within the period specified in Schedule F. This guarantee shall be in the form of cash (in case guarantee amount is less than Rs. 10000/-) 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 Rs. 1,00,000/-) or Government Securities or Fixed Deposit Receipts or Guarantee Bonds of any Scheduled Bank or the State Bank of India in accordance with the prescribed form. In case the contractor fails to deposit the said performance guarantee within the period as indicated in Schedule 'F', including the extended period if any, the Earnest Money deposited by the contractor shall be forfeited automatically without any notice to the contractor. The earnest money deposited alongwith bid shall be returned after receiving the aforesaid performance guarantee.</p> <p>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 and Programme Chart (Time and Progress) within the period specified in Schedule F.</p>
2.	<p>Clause 5.1</p> <p>As soon as possible after the Contract is concluded, the Contractor shall submit a Time and Progress Chart for each mile stone and get it approved by the Department. The Chart shall be prepared in direct relation to the time stated in the</p>	<p>Clause 5.1</p> <p>The Contractor shall submit a Programme Chart (Time and Progress) for each mile stone alongwith performance guarantee and get it approved by the Department. The Chart shall be prepared in direct relation to the time stated in the Contract documents for completion of items</p>

CON 285

Page 1

John
EE

Addition .. NIL
Deletion .. NIL
Correction.. NIL
Overwriting.. NIL

	Contract documents for completion of items of the works. It shall indicate the forecast of the dates of commencement and completion of various trades of sections of the work and may be amended as necessary by agreement between the Engineer-in-Charge and the Contractor within the limitations of time imposed in the Contract documents, and further to ensure good progress during the execution of the work, the contractor shall in all cases in which the time allowed for any work, exceeds one month (save for special jobs for which a separate programme has been agreed upon) complete the work as per mile stones given in Schedule 'F'.	of the works. It shall indicate the forecast of the dates of commencement and completion of various trades of sections of the work and may be amended as necessary by agreement between the Engineer-in-Charge and the Contractor within the limitations of time imposed in the Contract documents, and further to ensure good progress during the execution of the work, the contractor shall in all cases in which the time allowed for any work, exceeds one month (save for special jobs for which a separate programme has been agreed upon) complete the work as per mile stones given in Schedule 'F'.
3.	Clause 7A No Provision	Clause 7A No Running Account Bill shall be paid for the work till the applicable labour licenses, registration with EPFO, ESIC and BOCW Welfare Board, whatever applicable are submitted by the contractor to the Engineer-in-Charge.
4.	Clause 19 The contractor shall obtain a valid license under the Contract Labour (R&A) Act, 1970 and the Contract Labour (Regulation and Abolition) Central Rules, 1971 before the commencement of the work, and continue to have a valid license until the completion of the work.	Clause 19 The contractor shall obtain a valid license under the Contract Labour (R&A) Act, 1970 and the Contract Labour (Regulation and Abolition) Central Rules, 1971 before the commencement of the work, and continue to have a valid license until the completion of the work. The contractor shall also comply with provisions of the Inter-State Migrant Workmen (Regulation of Employment and Conditions of Service) Act, 1979.
5.	Schedule F Clause 1 (i) Time allowed for submission of Performance Guarantee from the date of issue of letter of acceptancedays	Schedule F 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 acceptancedays
6.	Schedule F Clause 7A No Provision	Schedule F Clause 7A Whether Clause 7A shall be applicable Yes/No

Issued from file no. CSQ/CM/ 37(10)/2012

Superintending Engineer (C&M)

CON 285

Page 2

Addition .. NIL
Deletion .. NIL
Correction.. NIL
Overwriting.. NIL

Copy to:

- (1) All Spl. DGs/ADGs CPWD. E-in-C PWD, Delhi Govt. They are requested to endorse a copy of this to all CEs, SEs & EEs concerned.
- (2) File No. CSQ/CM/ C/17(1)/2012


4/6/15
Executive Engineer (C)

CON 285

Page 3

Addition .. NIL
Deletion .. NIL
Correction.. NIL
Overwriting.. NIL



CENTRAL PUBLIC WORKS DEPARTMENT

OFFICE MEMORANDUM

No. DG/SE/CM/CON/286

ISSUED BY AUTHORITY OF DIRECTOR GENERAL, CPWD

NIRMAN BHAWAN, NEW DELHI

DATED: 30.06.2015

Subject: Amendment in General Conditions of Contract(GCC)-2014

The following provision of GCC-2014 are amended :-

S. No.	Existing Provision	Modified Provision
1.	<p>General Rules & Directions 15. Sales-tax/VAT (except service tax), purchase tax, turnover tax or any other tax applicable in respect of this contract shall be payable by the Contractor and Government will not entertain any claim whatsoever in respect of the same. However, in respect of service tax, same shall be paid by the contractor to the concerned department on demand and it will be reimbursed to him by the Engineer-in-Charge after satisfying that it has been actually and genuinely paid by the contractor.</p>	<p>General Rules & Directions 15. Sales-tax/VAT (except service tax), purchase tax, turnover tax or any other tax applicable in respect of this contract shall be payable by the Contractor and Government will not entertain any claim whatsoever in respect of the same. However, in respect of service tax, same shall be paid by the contractor to the concerned department on demand and it will be reimbursed to him by the Engineer-in-Charge after satisfying that it has been actually and genuinely paid by the contractor. The applicable and eligible service tax shall be reimbursed preferably within 7 days but not later than 30 days of submission of documentary proof of payment provided same are in order.</p>
2.	<p>Clause 19 L The ESI and EPF contribution 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 reimbursement by the Engineer-in-Charge to the contractor on actual basis.</p>	<p>Clause 19 L The ESI and EPF contribution 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. The applicable and eligible amount of EPF&ESI shall be reimbursed preferably within 7 days but not later than 30 days of submission of documentary proof of payment provided same are in order.</p>

Superintending Engineer (C&M)

Issued from file no. CSQ/CM/ 6(7)/2012

Copy to:

- (1) All Spl. DGs/ADGs CPWD. E-in-C PWD, Delhi Govt. They are requested to endorse a copy of this to all CEs, SEs & EEs concerned.
- (2) File No. CSQ/CM/ C/17(1)/2012

Executive Engineer (C)

Addition .. NIL
Deletion .. NIL
Correction.. NIL
Overwriting.. NIL



CENTRAL PUBLIC WORKS DEPARTMENT

OFFICE MEMORANDUM

No. DG/SE/CM/CON/Misc./01

ISSUED BY AUTHORITY OF DIRECTOR GENERAL, CPWD

NIRMAN BHAWAN, NEW DELHI

DATED: 30.06.2015

Sub: Advisory for applicable labour licenses and registration with ESIC, EPFO and BOCW Welfare Board

Vide office memorandum no. DG/SE/CM/CON/285 dt. 04.06.2015, the provisions of applicable labour licenses, registration with EPFO, ESIC and BOCW Welfare Board, whatever applicable were incorporated in GCC 2014. The directions were issued to CPWD Officers vide OM no. DG/MAN/320 dt. 04.06.2015 to assess the applicable labour licenses and registration with ESIC, EPFO, Labour welfare board and incorporate the same in the NIT. In this regard it is to intimate that:-

1. The amendments made in the GCC as per above said OMs shall be applicable in the fresh NIT only issued after 04.06.2015. These would not be applied to ongoing contracts.
2. The NIT approving authority should clearly mention whether the clause 7A in schedule F is applicable or not. The clause 7A should not be kept blank. The applicability of clause 7A shall be decided after assessing the labour to be deployed by the contractor for executing the contract. The registration with EPFO and Labour license is mandatory if 20 or more labour is employed in any day in the preceding one year whereas registration with ESIC and BOCW Welfare Board is mandatory if 10 or more labour is employed in any day in the preceding one year.
3. It is mandatory that all Divisional Officers i.e. Executive Engineers/Dy. Director(Hort.) in CPWD are registered with labour department as per the Contract Labour (Regulation and Abolition) Act 1970.
4. The payment to the worker by contractor through Bank (by cheque or ECS or online transfer) shall address the grievances of workers for nonpayment of minimum wage. However, for the contracts entered prior to OM No. DG/SE/CM/CON/283 dt. 05.05.2015 these orders, if casual labour is reluctant to get wages through bank, the same may be intimated to Engineer-in-Charge by contractor with documentary proof. The Engineer-in-Charge in such cases will ensure that the payment of wages are made to the worker in presence of JE duly witnessed by him.
5. The reimbursement of EPF & ESI contributions validly paid by the contractor on the part of employer is to be made preferably within 7 days but not later than 30 days of submission of documentary proof of payment provided the same is in order. Similarly, the reimbursement of

CON/Misc./01

Page 1

Addition .. NIL
 Deletion .. NIL
 Correction.. NIL
 Overwriting.. NIL

validly paid service tax paid by the contractor on behalf of employer is to be made preferably within 7 days but not later than 30 days of submission of documentary proof of payment provided same is in order.

6. The field officers may coordinate with appropriate authorities in case of delays in getting labour licenses, registration with EPFO, ESIC and BOCW Welfare Board.
7. The Ministry of Labour and Employment has provided facility of Shram Suidha Portal to provide simplified integrated procedure for submitting compliance of labour laws. The CLC(C) has intimated vide his letter dated 16/6/2015 (copy enclosed) that it provides labour identification number (LIN) to the units, submission of single online common annual return under eight Central Acts enforced by CLC(C) and online inspection schemes.

The EEs/DDH of CPWD could request CLC(C) if necessary to facilitate organizing camps at prominent locations i.e. IP Bhawan, Vidyut Bhawan, East Block R. K. Puram in New Delhi and other locations for familiarization of use of such portal and registration for labour license.

Similarly, the EPFO and ESIC can also be requested identically to facilitate the camps for EPFO and ESIC registration.


Superintending Engineer (C&M)

Issued from file no. CSQ/CM/ 6(7)/2012

Copy to:

- (1) All Spl. DGs/ADGs CPWD, E-in-C PWD, Delhi Govt. They are requested to endorse a copy of this to all CEs, SEs & EEs concerned.
- (2) File No. CSQ/CM/ C/17(1)/2012


Executive Engineer (C)

Addition .. NIL
Deletion .. NIL
Correction.. NIL
Overwriting.. NIL



CENTRAL PUBLIC WORKS DEPARTMENT
OFFICE MEMORANDUM
No. DG/CON/287

ISSUED BY AUTHORITY OF DIRECTOR GENERAL, CPWD

NIRMAN BHAVAN, NEW DELHI

DATED: 24.08.2015

Sub: Modification in CPWD -6 for e-tendering and GCC-2014

The following provision of General Condition of Contract 2014 is amended as under:-

Existing provisions	Modified provisions
<p>CPWD -6 for e-tendering</p> <p>10. The bid submitted shall become invalid and cost of bid & e-tender processing fee shall not be refunded if:-</p> <p>i) The bidder is found ineligible.</p> <p>ii) The bidder does not upload all the documents (including service tax registration/VAT registration /Sales Tax registration) as stipulated in the bid documents.</p> <p>iii) If any discrepancy is noticed between the documents as uploaded at the time of submission of bid and hard copies as submitted physically in the office of tender opening authority.</p> <p>iv) The lowest bidder does not deposit physical EMD within a week of opening of bid.</p>	<p>CPWD -6 for e-tendering</p> <p>10. The bid submitted shall become invalid and cost of bid & e-tender processing fee shall not be refunded if:-</p> <p>i) The bidder is found ineligible.</p> <p>ii) The bidder does not upload all the documents (including service tax registration/VAT registration /Sales Tax registration) as stipulated in the bid documents.</p> <p>iii) If any discrepancy is noticed between the documents as uploaded at the time of submission of bid and hard copies as submitted physically in the office of tender opening authority.</p> <p>iv) The lowest bidder does not deposit physical EMD within a week of opening of bid.</p> <p>v) 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.</p>
<p>General Rules & Directions of GCC 2014:</p> <p>10. In the case of Item Rate Tenders, only ratescorrect and not the amount. In event no rate has been quoted for any item(s), leaving space both in figure(s), word(s), and amount blank, it will be presumed that the contractor has included the cost of this/these item(s) in other items and rate for such item(s) will be considered as zero and work will be required to be executed accordingly.</p>	<p>General Rules & Directions of GCC 2014:</p> <p>10. In the case of Item Rate Tenders, only ratescorrect and not the amount. In event no rate has been quoted for any item(s), leaving space both in figure(s), word(s), and amount blank, it will be presumed that the contractor has included the cost of this/these item(s) in other items and rate for such item(s) will be considered as zero and work will be required to be executed accordingly.</p> <p>However, if a tenderer quotes nil rates against each item in item rate tender, the tender shall be treated as invalid and will not be considered as lowest tenderer.</p>

Superintending Engineer (C&M)

Issued from file No. CSQ/CM/M/16(1)/2013

Copy to:- All Spl. DGs, CPWD, E-in-C, PWD, Delhi Govt. They are requested to endorse a copy of this O.M. to all ADGs, CEs, SEs & EEs concerned.

Executive Engineer (C)

Addition .. NIL
Deletion .. NIL
Correction.. NIL
Overwriting.. NIL

केन्द्रीय लोक निर्माण विभाग

कार्यालय ज्ञापन

No. DG/ CON/Misc./17

ISSUED BY THE AUTHORITY OF DIRECTOR GENERAL, CPWD

Nirman Bhawan, New Delhi

Dated: 02.11.2021


Subject: Relaxation for Earnest Money Deposit as per OM No. F-9/14/2020-PPD dated 12.11.2020 issued by the Department of Expenditure.

A copy of OM No.F-9/14/2020-PPD dated 12.11.2020 issued by the Department of Expenditure (Procurement Policy Division), Ministry of Finance is enclosed for compliance. These instructions are applicable for all the tenders issued till 31.12.2021.

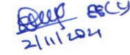
In this reference OM No. DG/CON/Misc./13 dated 23.11.2020 was issued, which is now modified with respect to proforma for earnest money deposit declaration. Modified proforma for earnest money deposit declaration is attached herewith.

This issues with the approval of Director General, CPWD.

Encl: 1. Dept. of Expenditure OM dated 12.11.2020
2.Revised Proforma for Earnest Money Deposit Declaration


(वी. पी. साहू) 02.11.2021

अधीक्षण अभियंता (सी.एंड एम.)


2/11/2021

Issued from file No.CSQ/CM/17(1)/2021 e-file no. 9115889.

केलोनवि तथा लोनवि दिल्ली के सभी अधिकारियों को आवश्यक सूचना एवं कार्यवाही हेतु।
(केलोनवि वेबसाईट के माध्यम से)

Addition .. NIL
Deletion .. NIL
Correction.. NIL
Overwriting.. NIL

Proforma for Earnest Money Deposit Declaration
(To be given on Ten Rupees Non-Judicial Stamp paper duly notarized)

Whereas, I/we (name of agency) ----- have submitted bids for ----- (name of work).....

I/We hereby submit following **declaration** in lieu of submitting Earnest Money Deposit.

(1) If after the opening of **bid**, I/we withdraw or modify my/our bid during the period of validity of tender (including extended validity of tender) specified in the tender documents,

or

(2) If, after **acceptance of the bid**, I/we fail to submit performance guarantee before the deadline **as** defined in the **NIT/bid document**,

I/we shall be suspended from **bidding**, making me/us ineligible to bid for CPWD tenders **all over India** for a period of **one year** from the date of issue of the order **stating so** and issued under the authority of **Executive Engineer of this work**.

Signature of the contractor(s)
 Name of Agency with complete address & email ID

Note: Executive Engineer shall initiate issue of show cause notice to the contractor who has violated Earnest Money Deposit Declaration within 15 days of violation by the contractor and his decision (to be taken within 60 days of violation by the contractor) thereof shall be final and binding on the contractor.

Addition .. NIL
 Deletion .. NIL
 Correction.. NIL
 Overwriting.. NIL

No. F.9/4/2020-PPD
 Government of India
 Ministry of Finance
 Department of Expenditure
 Procurement Policy Division

512, Lok Nayak Bhawan, New Delhi
 Dated the 12th November 2020

OFFICE MEMORANDUM

Subject: Bid Security/ Earnest Money Deposit.

The Government is in receipt of many representations that on account of slowdown in economy due to the pandemic, there is acute financial crunch among many commercial entities and contractors, which in turn is affecting timely execution of the contracts. It has also been represented that this may affect the ability of contractors to bid in tenders and hence reduce competition. Requests are being received for reduction in quantum of Security Deposits in the Government contracts.

2. As per Rule 170 of General Financial Rules (GFRs) 2017, Micro and Small Enterprises (MSEs) and the firms registered with concerned Ministries/ Departments are exempted from submission of Bid Security. Further, in lieu of Bid Security, Ministries/ Departments may ask bidders to sign "Bid Security Declaration" accepting that if they withdraw or modify their bids during period of validity etc., they will be suspended for the time specified in the tender documents. Similar provisions also exist in the Manuals for Procurement of Works 2019 and Manual for Procurement of Consultancy & other Services 2017.

3. In this context it is noted that Bid Security (also known as Earnest Money Deposit) is still being taken from the contractors by the various Ministries/ Departments, though the relaxations have already been provided in General Financial Rules (GFRs) 2017.


4. In view of above, it is reiterated that notwithstanding anything contained in Rule 171 of GFRs 2017 or any other Rule or any provision contained in the Procurement Manuals, **no provisions regarding Bid Security should be kept in the Bid Documents in future and only provision for Bid Security Declaration should be kept in the Bid Documents.**

5. Wherever, there are compelling circumstances to ask for Bid Security, the same should be done only with the approval of the next higher authority to the authority competent to finalise the particular tender or the Secretary of the Ministry/ Department, whichever is lower.

6. The above instructions will be applicable for all the tenders issued till 31.12.2021.

Addition.. NIL
 Deletion .. NIL
 Correction.. NIL
 Overwriting.. NIL

7. These instructions will be applicable for all kinds of procurements viz. Goods, Consultancy, Works, non-consulting Services etc and are issued under Rule 6(1) of the GFRs 2017.


(Kotluru Narayana Reddy)
Deputy Secretary to the Govt. of India
Tel: 24621305
Email: kn.reddy@gov.in

To,

All the Secretaries and Financial Advisers to Government of India

Copy to: Secretary, Department of Public Enterprises with a request to issue the same instructions to Central Public Sector Undertakings (CPSUs).

Addition .. NIL
Deletion .. NIL
Correction.. NIL
Overwriting.. NIL

केन्द्रीय लोक निर्माण विभाग
कार्यालय ज्ञापन
No. DG/ SOP/21

ISSUED BY THE AUTHORITY OF DIRECTOR GENERAL, CPWD

Nirman Bhawan, New Delhi


Dated: 13.04.2021

Subject: Appointment of Independent External Monitor (IEM) in CPWD for implementation of Integrity Pact in CPWD contracts.

In order to ensure transparency, equity and competitiveness in public procurement, the Central Vigilance Commission has advised implementation of Integrity Pact (IP) through a panel of Independent External Monitors (IEMs). Therefore, the following provision relating to IEMs is added in the SOP Annexure-21, 22 and 23 of CPWD Works Manual 2019.

The Integrity Pact duly signed by the Engineer-in-Charge in the presence of a witness shall form a part of tender documents uploaded on the e-tendering website.

Page Number	Existing provision	Modified Provision
SOP ANNEXUR E-21 (Refer SOP 4/8 & 4/9) CPWD-6 FOR E-TENDERING	No Provision	21. Integrity Pact: The contractor shall download the Integrity Pact, which is a part of tender documents, affix his signature in the presence of a witness, and upload the same while submitting online bids for all works of estimated cost put to tender equal or more than the threshold value given in Schedule-F. In the event of his failure to sign and upload the Integrity Pact along with other bid documents, his bid shall be rejected.
SOP ANNEXUR E-22 (Refer SOP 4/8)	No Provision	Information and Instructions for bidders for e-tendering forming part of bid document- List of documents to be scanned and uploaded within the period of bid submission: (VII) Integrity Pact signed by the bidder in the presence of a witness for works equal to or above the threshold value given in Schedule-F.
SOP ANNEXUR E-23 (Refer SOP 4/9)	No Provision	Information and Instructions for bidders for e-tendering forming part of bid document- List of documents to be scanned and uploaded within the period of bid submission: (VIII) Integrity Pact signed by the bidder in the presence of a witness for works equal to or above the threshold value given in Schedule-F.


(आर.के. सिंह)

कार्यपालक अभियंता(एम.)

Issued from file No.CSQ/CM/16(1)/2021 e-file 9108149

केलोनवि तथा लोनवि दिल्ली के सभी अधिकारियों को आवश्यक सूचना एवं कार्यवाही हेतु।(केलोनवि वेबसाईट के माध्यम से)

Addition .. NIL
Deletion .. NIL
Correction.. NIL
Overwriting.. NIL

केन्द्रीय लोक निर्माण विभाग
कार्यालय ज्ञापन
No. DG/SOP/37

1/5

ISSUED BY THE AUTHORITY OF DIRECTOR GENERAL, CPWD

Nirman Bhawan, New Delhi

Dated: 04.05.2022

Subject: Modification in SOP No. 5/1, Annexure-21, 22 & 23 of SOP for CPWD Works Manual 2019.

As per amendment issued by M/o Finance, Department of Expenditure, to General Financial Rules (GFR) 2017 vide OM No. F.1/1/2022-PPD dated 02.02.2022 to include Insurance Security Bonds as Security Instruments, following modifications are made in SOP No. 5/1, SOP No. 5/2, Annexure-21, 22 & 23 of SOP for CPWD Works Manual 2019.

Existing Provision	Modified Provision
<p>CHAPTER 5 CONTRACT MANAGEMENT SOP No 5/1 : Mode of Deposit Earnest Money (Refer Para 5.1.3 (1))</p> <p>1. The Earnest Money is accepted only in the following forms:</p> <p>(i) In cash upto Rs.10,000. (ii) Treasury challan. (iii) Deposit at Call Receipt of a Scheduled Bank guaranteed by the Reserve Bank of India. (iv) Banker's cheque of a Scheduled Bank. (v) Demand Draft of a Scheduled Bank. (vi) Fixed Deposit Receipt (FDR) of a Scheduled Bank.</p> <p>(vii) No provision</p> <p>(viii) No provision</p> <p>2. A part of earnest money is acceptable in the form of bank guarantee also. In such cases 50% of earnest money or Rs. 20 lakh whichever is less, will have to be deposited in shape prescribed above and balance can be accepted in form of bank Guarantee issued by a scheduled bank.</p> <p>3. The FDR is pledged in favour of the tender inviting authority. It is in the tenderer's own interest to keep the FDR valid as long as it is required.</p>	<p>CHAPTER 5 CONTRACT MANAGEMENT SOP No 5/1 : Mode of Deposit Earnest Money (Refer Para 5.1.3 (1))</p> <p>1. The Earnest Money is accepted only in the forms:-</p> <p>(i) Deleted (ii) Deleted (iii) Deleted</p> <p>(iv) Banker's Cheque of a Commercial Bank (v) Account Payee Demand Draft of a Commercial Bank (vi) Fixed Deposit Receipt (FDR) of a Commercial Bank</p> <p>(vii) Insurance Surety Bonds</p> <p>(viii) Bank Guarantee (for balance amount as prescribed) from a Commercial Bank.</p> <p>2. A part of earnest money is acceptable in the form of Bank Guarantee also. In such cases 50% of earnest money or Rs. 20 lakh whichever is less, will have to be deposited in shape prescribed above and balance can be accepted in form of Bank Guarantee issued by a Commercial Bank.</p> <p>3. No change.</p>

Addition .. NIL
Deletion .. NIL
Correction.. NIL
Overwriting.. NIL

(2/5)

<p>4. If the banks are closed on the last date of submission of tenders, the date is postponed suitably.</p> <p>5. When it is required that the earnest money is deposited in the Treasury/accredited Bank direct by the contractor, the Divisional Officer/Sub-Divisional officer prepares Challan (Form TR 6/ GAR 7 in-duplicate). The classification is correctly noted in the column "Head of Account". The earnest money for individual works are classified under the Head "Revenue Deposits". The Challan in-duplicate is handed over to the contractor who pays the amount into the treasury or the Bank on behalf of the Divisional Officer/Sub- Divisional Officer. The receipted challan is sent by the contractor along with the tender.</p> <p>6. The MSME firms registered in NSIC under PP policy are exempted from payment of EMD for supply of goods and services only.</p> <p>7. For bid submission the contractor deposits the original EMD in the office of Engineer-in- Charge AE/DOH/ADH inviting bids or division office of any Engineer-in-Charge within the period of bid submission. The EMD documents is issued from the place in which the office of receiving division office is situated.</p> <p>The Bank Guarantee submitted as a part of Earnest Money is <i>be</i> valid for a period of 90 days for single bid works and 180 days for two bid system or more from the date of submission of the tender.</p>	<p>4. No change</p> <p>5. Deleted.</p> <p>6. No change.</p> <p>7. No change</p> <p>The Bank Guarantee submitted as a part of Earnest Money is valid for a period of 90 days for single bid works and 180 days for two bid system or more from the date of submission of the tender.</p>
<p>SOP No 5/2 : Refund of Earnest Money (Refer Para 5.1.4 (1))</p> <p>The earnest money given by all the tenderers except the lowest tenderer is refunded immediately after the expiry of stipulated bid validity period or immediately after acceptance of the successful bidder, whichever is earlier. Entry of Demand Draft/Bankers's cheque received as earnest money with the tenders is kept in the Tender Opening Register, and these need not be deposited in the bank except for the lowest tenderer.</p>	<p>SOP No 5/2 : Refund of Earnest Money (Refer Para 5.1.4 (1))</p> <p>The earnest money given by all the tenderers except the lowest tenderer is refunded immediately after the expiry of stipulated bid validity period or immediately after acceptance of the successful bidder, whichever is earlier. However, in case of two/ three bid system, earnest money deposit of bidders unsuccessful during technical bid evaluation etc. should be returned within 30 days of declaration of result of technical bid evaluation. Entry of Demand Draft/Bankers's cheque received as earnest money with the tenders</p>

Addition .. NIL
 Deletion .. NIL
 Correction.. NIL
 Overwriting.. NIL

3/5

	is kept in the Tender Opening Register, and these need not be deposited in the Bank except for the lowest tenderer, if required .
<p style="text-align: center;">ANNEXURE- 21 (Refer SOP No 4/8 & 4/9) CPWD-6 FOR E- TENDERING</p> <p>9. Earnest Money in the form of Treasury Challan or Demand Draft or Pay order or Banker's Cheque or Deposit at Call Receipt or Fixed Deposit Receipt (drawn in favour of Executive Engineer) 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.</p> <p>A part ofof 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.</p> <p>No provision</p> <p>Copy of and uploaded are found in order.</p>	<p style="text-align: center;">ANNEXURE- 21 (Refer SOP No 4/8 & 4/9) CPWD-6 FOR E- TENDERING</p> <p>9. Earnest Money in the form of Insurance Surety Bonds, Account Payee Demand Draft, Fixed Deposit Receipt, Banker's Cheque or Bank Guarantee (for balance amount as prescribed) from any of the Commercial Banks (drawn in favour of Executive Engineer) 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.</p> <p>A part ofof Bank Guarantee of any Commercial 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.</p> <p>The earnest money given by all the tenderers except the lowest tenderer shall be refunded immediately after the expiry of stipulated bid validity period or immediately after acceptance of the successful bidder, whichever is earlier. However, in case of two/ three bid system, earnest money deposit of bidders unsuccessful during technical bid evaluation etc. should be returned within 30 days of declaration of result of technical bid evaluation.</p> <p>Copy of and uploaded are found in order.</p>

Addition .. NIL
Deletion .. NIL
Correction.. NIL
Overwriting.. NIL

4/5


<p>11. The contractor whose bid is accepted will be required to furnish performance guarantee of 5% (Five Percent) of the bid amount within the period specified in Schedule F. This guarantee shall be in the form of cash (in case guarantee amount is less than Rs. 10000/-) 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 Rs. 1,00,000/-) or Government Securities or Fixed Deposit Receipts or Guarantee Bonds of any Scheduled Bank or the State Bank of India in accordance with the prescribed form. In case the within the period specified in Schedule F, -----</p>	<p>11. The contractor whose bid is accepted will be required to furnish performance guarantee at specified percentage of the tendered amount as mentioned in schedule E and within the period specified in Schedule F. This guarantee shall be in the form of Insurance Surety Bonds, Account Payee Demand Draft, Fixed Deposit Receipt or Bank Guarantee from any of the Commercial Banks in accordance with the prescribed form. In case the within the period specified in Schedule F,.....</p>
<p style="text-align: center;">ANNEXURE- 22 (Refer SOP No 4/8) INFORMATION AND INSTRUCTIONS FOR BIDDERS FOR E-TENDERING FORMING PART OF BID DOCUMENT (Applicable for inviting open bids)</p> <p>4. But the bid can only be submitted after deposition of original EMD either in the office of Executive Engineer inviting bids or division office of any Executive Engineer, CPWD within the period of bid submission and uploading the mandatory scanned documents such as Demand draft or Pay order or Bankers Cheque or Deposit at call Receipt or Fixed Deposit Receipts and Bank Guarantee of any scheduled Bank towards EMD in favour of Executive Engineer as mentioned in NIT, receipt for deposition of original EMD to division office of any Executive Engineer (including NIT issuing EE/ AE), CPWD and other documents as specified.</p>	<p style="text-align: center;">ANNEXURE- 22 (Refer SOP No 4/8) INFORMATION AND INSTRUCTIONS FOR BIDDERS FOR E-TENDERING FORMING PART OF BID DOCUMENT (Applicable for inviting open bids)</p> <p>4. But the bid can only be submitted after deposition of original EMD either in the office of Executive Engineer inviting bids or division office of any Executive Engineer, CPWD within the period of bid submission and uploading the mandatory scanned documents such as Insurance Surety Bonds, Account Payee Demand draft or Bankers Cheque or Fixed Deposit Receipts or/ and Bank Guarantee (for balance amount as prescribed) from any of the Commercial Bank towards EMD in favour of Executive Engineer as mentioned in NIT, receipt for deposition of original EMD to division office of any Executive Engineer (including NIT issuing EE/ AE), CPWD and other documents as specified.</p>

Addition .. NIL
 Deletion .. NIL
 Correction.. NIL
 Overwriting.. NIL

5/5

<p>ANNEXURE- 23 (Refer SOP No 4/9) INFORMATION AND INSTRUCTIONS FOR BIDDERS FOR e-TENDERING FORMING PART OF BID DOCUMENT (Applicable for inviting bids on 2/3 bid system)</p> <p>5. But the bid can only be submitted after deposition of original EMD either in the office of Executive Engineer inviting bids or division office of any Executive Engineer, CPWD within the period of bid submission and uploading the mandatory scanned documents such as Demand draft or Pay order or Bankers Cheque or Deposit at call Receipt or Fixed Deposit Receipts and Bank Guarantee of any scheduled Bank towards EMD in favour of Executive Engineer as mentioned in NIT, receipt for deposition of original EMD to division office of any Executive Engineer (including NIT issuing EE/AE), CPWD and other documents as specified.</p>	<p>ANNEXURE- 23 (Refer SOP No 4/9) INFORMATION AND INSTRUCTIONS FOR BIDDERS FOR e-TENDERING FORMING PART OF BID DOCUMENT (Applicable for inviting bids on 2/3 bid system)</p> <p>5. But the bid can only be submitted after deposition of original EMD either in the office of Executive Engineer inviting bids or division office of any Executive Engineer, CPWD within the period of bid submission and uploading the mandatory scanned documents such as Insurance Surety Bonds, Account Payee Demand draft or Bankers Cheque or Fixed Deposit Receipts or and Bank Guarantee (for balance amount as prescribed) from any of the Commercial Bank towards EMD in favour of Executive Engineer as mentioned in NIT, receipt for deposition of original EMD to division office of any Executive Engineer (including NIT issuing EE/ AE), CPWD and other documents as specified.</p>
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This issues with the approval of DG CPWD.


(वी. पी. साहू)

अधीक्षण अभियंता(सी.एंड एम.)


EE(L)

Issued from file No.CSQ/CM/16(1)/2022 e-file 9128415

केलोनवि तथा लोनवि दिल्ली के सभी अधिकारियों को आवश्यक सूचना एवं कार्यवाही हेतु। (केलोनवि वेबसाईट के माध्यम से)

Addition .. NIL
Deletion .. NIL
Correction.. NIL
Overwriting.. NIL

1/4

केन्द्रीय लोक निर्माण विभाग
कार्यालय ज्ञापन
No. DG/ CON/324

ISSUED BY THE AUTHORITY OF DIRECTOR GENERAL, CPWD

Nirman Bhawan, New Delhi

Dated: 04.05.2022

Subject: Modification in GCC 2020 for Constructions Works, Maintenance Works and EPC Projects

Following modifications are made in General Conditions of Contract 2020 for Constructions Works, Maintenance Works and EPC Projects:-

Existing provision	Modified Provision
CPWD - 7/8 GOVERNMENT OF INDIA CENTRAL PUBLIC WORKS DEPARTMENT Percentage Rate Tender/Item Rate Tender & Contract for Works (A) Tender for the work of :- (i) To be uploaded by (ii) To be opened in presence of TENDER I/We have read andfor the work. I/ We here by tenderas applicable. I/We agree to keep the tender open.....terms & condition A sum of Rs. is hereby forwarded in cash/receipt treasury challan/deposit at call receipt of a scheduled bank/fixed deposit receipt of scheduled bank/demand draft of a scheduled bank/bank guarantee issued by a scheduled bank as earnest money. A copy of earnest money in receipt treasury challan/deposit at call receipt of a scheduled bank/fixed deposit receipt of scheduled bank/demand draft of a scheduled bank/bank guarantee issued by a scheduled bank is scanned and uploaded (strike out as the case may be).... If I/We, fail to furnish.....	CPWD - 7/8 GOVERNMENT OF INDIA CENTRAL PUBLIC WORKS DEPARTMENT Percentage Rate Tender/Item Rate Tender & Contract for Works (A) Tender for the work of:- No change TENDER No change No change No change I/We have deposited EMD for the prescribed amount in the office of concerned Executive Engineer as per the bid document. A copy of earnest money deposit receipt of prescribed amount deposited in the form of Insurance Surety Bonds, Account Payee Demand Draft, Fixed Deposit Receipt, Banker's Cheque or Bank Guarantee(as prescribed) issued by a Commercial Bank, is scanned and uploaded (strike out as the case may be). If I/We, fail to furnish.....

Addition .. NIL
Deletion .. NIL
Correction.. NIL
Overwriting.. NIL

2/4

<p>General Rules & Directions</p> <p>11. (i) The Contractor whose tender is accepted, will be required to furnish performance guarantee of 5% (Five Percent) of the tendered amount within the period specified in Schedule F. This guarantee shall be in the form of cash (in case guarantee amount is less than Rs. 10,000/-) or Deposit at call receipt of any scheduled bank/Banker's cheque of any scheduled bank/Demand Draft of any scheduled bank/Pay order of any scheduled bank (in case guarantee amount is less than Rs. 1,00,000/-) or Government Securities or Fixed Deposit Receipts or Guarantee Bonds of any Scheduled Bank</p> <p>(ii) The contractor whose tender is accepted will also be required to furnish by way of Security Deposit for the fulfillment of his contract, an amount equal to 2.5% of the tendered value of the work. The Security deposit will be collected by deductions from the running bills as well as final bill of the contractor at the rates mentioned above. The Security amount will also be accepted in cash or in the shape of Government Securities. Fixed Deposit Receipt of a Scheduled Bank or will also be accepted for this purpose provided confirmatory advice is enclosed.</p>	<p>General Rules & Directions</p> <p>11. (i) The Contractor whose tender is accepted, will be required to furnish performance guarantee at specified percentage of the tendered amount as mentioned in Schedule 'E' and within the period specified in Schedule F. This guarantee shall be in the form of Insurance Surety Bonds, Account Payee Demand Draft, Fixed Deposit Receipt or Bank Guarantee of any Commercial Bank.</p> <p>(ii) The contractor whose tender is accepted will also be required to furnish by way of Security Deposit for the fulfilment of his contract, an amount equal to 2.5% of the tendered amount of the work. The Security deposit will be collected by deductions from the running bills as well as final bill of the contractor at the rates mentioned above. The Security amount will also be accepted in the shape of Insurance Surety Bonds, Account Payee Demand Draft, Fixed Deposit Receipt or Bank Guarantee from any of the Commercial Banks will be accepted for this purpose provided confirmatory advice is enclosed.</p>
<p>GENERAL CONDITIONS OF CONTRACT CLAUSES OF CONTRACT</p> <p>Clause 1 Performance Guarantee</p> <p>(i) The contractor shall submit an irrevocable Performance Guarantee of 5% (Five percent) of the tendered amount in addition to other deposits mentioned elsewhere in the contract for his proper performance of the contract agreement, (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</p>	<p>GENERAL CONDITIONS OF CONTRACT CLAUSES OF CONTRACT</p> <p>Clause 1 Performance Guarantee</p> <p>(i) The contractor shall submit an irrevocable Performance Guarantee at specified percentage of the tendered amount as mentioned in Schedule 'E', 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</p>

Addition .. NIL
Deletion .. NIL
Correction.. NIL
Overwriting.. NIL

3/4


<p>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 Rs. 10,000/-) or Deposit at Call receipt of any scheduled bank/Banker's Cheque of any scheduled bank/Demand Draft of any scheduled bank/Pay Order of any scheduled bank (in case guarantee amount is less than Rs. 1,00,000/-) or Government Securities or Fixed Deposit Receipts or Guarantee Bonds of any Scheduled Bank or the State Bank of India in accordance with the 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.</p>	<p>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 Insurance Surety Bonds, Account Payee Demand Draft, Fixed Deposit Receipt or Bank Guarantee from any of the Commercial Banks. 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.</p>
<p>(ii) The Performance Guarantee shall be initially valid up to the stipulated date of completion plus minimum 60 days beyond that, if the same is submitted by the agency on scheduled format I as per GCC. If the same is submitted on the format II as per GCC, then the Performance Guarantee shall be valid up to the stipulated date of completion plus minimum 6 months beyond that.</p> <p>In case the</p>	<p>(ii) The Performance Guarantee shall be submitted by the contractor on format as per GCC and shall be initially valid up to the stipulated date of completion plus minimum 6 months beyond that.</p> <p>In case the</p>
<p>Clause 1A Recovery of Security Deposit</p> <p>The person/persons whose tender(s) may be accepted (hereinafter called the contractor) shall permit Government at the time of making any payment to him for work done under the contract to deduct a sum at the rate of 2.5% of the gross amount of each running and final bill till the sum deducted will amount to security deposit of 2.5% of the tendered value of the work. Such deductions will be made and held by Government by way of Security Deposit unless he/they has/have deposited the amount of Security at the rate mentioned</p>	<p>Clause 1A Recovery of Security Deposit</p> <p>The person(s) whose tender may be accepted (hereinafter called the contractor) shall permit Government at the time of making any payment to him for work done under the contract to deduct a sum at the rate of 2.5% of the gross amount of each running and final bill till the sum deducted will amount to security deposit of 2.5% of the tendered amount of the work. Such deductions will be made and held by Government by way of Security Deposit unless he/they</p>

Addition .. NIL
Deletion .. NIL
Correction.. NIL
Overwriting.. NIL

4/4

above in cash or in the form of Government Securities or fixed deposit receipts. In make good the deficit.	has/have deposited the amount of Security at the rate mentioned above in the form of Government Securities or fixed deposit receipts. In case make good the deficit.
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This issues with the approval of DG CPWD.


(वी.पी. साहू)

अधीक्षण अभियंता (सी. एंड एम.)


ECC

Issued from file No. CSQ/CM/17(1)/2022 e-file 9128415

केलोनवि तथा लोनवि दिल्ली के सभी अधिकारियों को आवश्यक सूचना एवं कार्यवाही हेतु। (केलोनवि वेबसाईट के माध्यम से)

Addition .. NIL
Deletion .. NIL
Correction.. NIL
Overwriting.. NIL

केन्द्रीय लोक निर्माण विभाग
कार्यालय ज्ञापन
NO.DG/CON/325

ISSUED BY AUTHORITY OF DIRECTOR GENERAL, CPWD

NIRMAN BHAWAN, NEW DELHI

Date: 05.05.2022

Subject: Modification in Clause 19 of GCC- 2020 for Construction Works, Maintenance Works and EPC Projects.

The following modifications are made in the GCC-2020 for Construction Works, Maintenance Works and EPC Project

Existing Provision (As amended vide OM No. DG/CON/314 dated 24.02.2021)	Modified Provision
<p>Clause 19 Labour Laws to be complied by the Contractor The contractor shall comply with the provisions of the Contract Labour (Regulation and Abolition) Act, 1970, and the Contract Labour (Regulation and Abolition) Central Rules, 1971. The contractor shall also obtain a valid licence under the said Act before the commencement of the work, and continue to have a valid licence until its completion.</p> <p>The contractor shall also comply with provisions of the Inter-State Migrant Workmen (Regulation of Employment and Conditions of Service) Act, 1979. The contractor shall also abide by the provisions of the Child Labour (Prohibition and Regulation) Act, 1986.</p> <p>The contractor..... of the work.</p>	<p>Clause 19 Labour Laws to be complied by the Contractor The contractor shall comply with the provisions of the Contract Labour (Regulation and Abolition) Act, 1970, and the Contract Labour (Regulation and Abolition) Central Rules, 1971. The contractor shall also obtain a valid license under the said Act before the commencement of the work, and continue to have a valid license until its completion.</p> <p>The contractor shall also comply with provisions of the Inter-State Migrant Workmen (Regulation of Employment and Conditions of Service) Act, 1979. The contractor shall also abide by the provisions of the Child and Adolescent Labour (Prohibition and Regulation) Act, 1986.</p> <p>The contractor of the work.</p>

This issues with the approval of Director General, CPWD.

(वी.पी.साहू)

अधीक्षण अभियन्ता(सी. एंड एम.)

Issued from file No. CSQ/CM/17(1)/2022 e-file no. 9129997

के.लो.नि.वि. तथा लो.नि.वि.दिल्ली के सभी अधिकारियों को आवश्यक सूचना एवं कार्यवाही हेतु (के.लो.नि.वि. वेबसाईट के माध्यम से)।

अधीक्षण अभियन्ता(सी. एंड एम.)

Addition .. NIL
Deletion .. NIL
Correction.. NIL
Overwriting.. NIL

केन्द्रीय लोक निर्माण विभाग
कार्यालय ज्ञापन

No. DG/CON-Maint-2020/335

ISSUED BY THE AUTHORITY OF DIRECTOR GENERAL, CPWD

Nirman Bhawan, New Delhi

dated: 05.09.2022

Subject: Deletion of Integrity Pact GCC 2020 for Maintenance Works.

The following deletions are made in the GCC 2020 for Maintenance Works.

Existing Provision	Modified Provision
<p style="text-align: center;">INTEGRITY PACT</p> <p>To,</p> <p>Sub: NIT No. for the work Dear Sir, It is here by declared that CPWD is committed to follow the principle of transparency, equity and competitiveness in public procurement.</p> <p>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.</p> <p>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.</p> <p style="text-align: right;">Yours faithfully Executive Engineer</p>	Deleted
<p style="text-align: center;">INTEGRITY PACT</p> <p>To, Executive Engineer,</p> <p>Sub: Submission of Tender for the work of.</p> <p>Dear Sir,</p> <p>I/We acknowledge that CPWD is committed to follow the principles thereof as enumerated in the Integrity Agreement enclosed with the tender/bid document.</p> <p>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.</p>	Deleted

Addition .. NIL
Deletion .. NIL
Correction.. NIL
Overwriting.. NIL

<p>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.</p> <p>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.</p> <p style="text-align: right;">Yours faithfully</p> <p style="text-align: center;">(Duly authorized signatory of the Bidder)</p>	
<p style="text-align: center;">To be signed by the bidder and same signatory competent / authorized to sign the relevant contract on behalf of CPWD INTEGRITY AGREEMENT</p> <p>This Integrity Agreement is made at..... on thisday of 20.....</p> <p style="text-align: center;">BETWEEN</p> <p style="text-align: center;">President of India represented through Executive Engineer, (Name of Division)</p> <p>CPWD, (Hereinafter referred as the (Address of Division)</p> <p>'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)</p> <p>through (Hereinafter referred to as the (Details of duly authorized signatory)</p> <p>"Bidder/Contractor" and which expression shall unless repugnant to the meaning or context hereof include its successors and permitted assigns)</p> <p>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)</p> <p>hereinafter referred to as the "Contract".</p> <p>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).</p> <p>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</p>	<p>Deleted</p>

Addition .. NIL
 Deletion .. NIL
 Correction.. NIL
 Overwriting.. NIL

"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

Deleted

Addition .. NIL
 Deletion .. NIL
 Correction.. NIL
 Overwriting.. NIL


<p>and business details, including information contained or transmitted electronically.</p> <p>(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.</p> <p>(e) The Bidder(s)/Contractor(s) will, when presenting his bid, disclose 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.</p> <p>3. The Bidder(s)/Contractor(s) will not instigate third persons to commit offences outlined above or be an accessory to such offences.</p> <p>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.</p> <p>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).</p> <p>Article 3: Consequences of Breach</p> <p>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:</p> <ol style="list-style-type: none"> 1. If the Bidder(s)/Contractor(s), either before award or during execution of Contract has committed a transgression through a violation of Article 2 above or in any other form, such as to put his reliability or credibility in question, the Principal/Owner after giving 14 days notice to the contractor shall have powers to disqualify the Bidder(s)/Contractor(s) from the Tender process or terminate/determine the Contract, if already executed or exclude the Bidder/Contractor from future contract award processes. The imposition and duration of the exclusion will be determined by the severity of transgression and determined by the Principal/Owner. Such exclusion may be forever or for a limited period as decided by the Principal/Owner. 2. Forfeiture of EMD/Performance Guarantee/Security Deposit: If the Principal/Owner has disqualified the Bidder(s) from the Tender process prior to the award of the Contract or terminated/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 	Deleted
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Addition .. NIL
Deletion .. NIL
Correction.. NIL
Overwriting.. NIL

<p>IPC 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.</p>	Deleted
<p>Article 4: Previous Transgression</p> <ol style="list-style-type: none"> 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. 	
<p>Article 5: Equal Treatment of all Bidders/Contractors/Subcontractors</p> <ol style="list-style-type: none"> 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. 	
<p>Article 6- Duration of the Pact</p> <p>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.</p> <p>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.</p>	Deleted
<p>Article 7- Other Provisions</p> <ol style="list-style-type: none"> 1. This Pact is subject to Indian Law, place of performance and jurisdiction is the Head quarters of the Division of the Principal/Owner, who has floated the Tender. 2. Changes and supplements need to be made in writing. Side agreements have not been made. 3. If the Contractor is a partnership or a consortium, this Pact must be signed by all the partners or by one or more partner holding power of attorney signed by all partners and consortium members. In case of a Company, the Pact must be signed by a representative duly authorized by board resolution. 4. Should one or several provisions of this Pact turn out to be invalid; the remainder of this Pact remains valid. In this case, the parties will strive to come to an agreement to their original intensions. 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 	

Addition .. NIL
Deletion .. NIL
Correction.. NIL
Overwriting.. NIL

<p>Integrity Agreement/ Pact or interpretation thereof shall not be subject to arbitration.</p> <p>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.</p> <p>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:</p> <p>..... (For and on behalf of Principal/Owner)</p> <p>..... (For and on behalf of Bidder/Contractor)</p> <p>WITNESSES: 1 (signature, name and address)</p> <p>2 (signature, name and address)</p> <p>Place: Dated:</p>	<p>deleted</p>
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(वी. पी. साहू) 05.09.2022
अधीक्षण अभियंता(सी.एंड एम.)

Issued from file No. CSQ/CM/17(1)/2022 e-file no. 9139216

के.लो.नि.वि. तथा लो.नि.वि. दिल्ली के सभी अधिकारियों को आवश्यक सूचना एवं कार्यवाही हेतु(के.लो.नि.वि.वेबसाईट के माध्यम से)।

Addition .. NIL
Deletion .. NIL
Correction.. NIL
Overwriting.. NIL

**Central Public Works Department
Office Memorandum**

No. DG/CON/Maintenance 2023/07

ISSUED BY AUTHORITY OF DIRECTOR GENERAL, CPWD

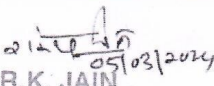
NIRMAN BHAWAN, NEW DELHI

Dated: 05.03.2024

Subject: Modifications in Clause 19 of GCC 2023 for Maintenance Works

The following amendments are made in the GCC 2023 for Maintenance Works.


Existing provision	Modified provision
<p>Clause 19 Labour Laws to be complied by the Contractor</p> <p>The contractor shall comply with the provisions of the Contract Labour (Regulation and Abolition) Act, 1970, and the Contract Labour (Regulation and Abolition) Central Rules, 1971.</p>	<p>Clause 19 Labour Laws to be complied by the Contractor</p> <p>No change</p>
<p>The contractor shall also obtain a valid licence under the said Act before the commencement of the work, and continue to have a valid licence until its completion.</p>	<p>No change</p>
<p>The contractor shall also comply with provisions of the Inter-State Migrant Workmen (Regulation of Employment and Conditions of Service) Act, 1979.</p>	<p>No change</p>
<p>The contractor shall also abide by the provisions of the Child and Adolescent Labour (Prohibition and Regulation) Act, 1986, amended by Amendment Act No. 35 of 2016 and thereafter time to time.</p>	<p>No change.</p>
<p>The contractor shall also comply with the provisions of the building and other Construction Workers (Regulation of Employment & Conditions of Service) Act, 1996 and the building and other Construction Workers' Welfare Cess Act, 1996.</p>	<p>No change</p>


R.K. JAIN
 (EE (Contact))

Addition .. NIL
 Deletion .. NIL
 Correction.. NIL
 Overwriting.. NIL

No provision	The contractor shall also comply with the provisions of Sexual Harassment of Women at Workplace (Prevention Prohibition and Redressal) Act, 2013 and amendment thereafter time to time.
Any failure to fulfill these requirements shall attract the penal provisions of this contract arising out of the resultant non-execution of the work.	Any failure to fulfil these requirements shall attract the penal provisions of the relevant act and in this contract
Clause 19 M No Provision	Clause 19 M Sexual Harassment of Women at Workplace The contractor shall comply with all provision(s) and guideline(s) of Sexual Harassment of Women at Workplace (Prevention Prohibition and Redressal) Act, 2013 and amendment thereafter time to time or any other rules framed under any labour law affecting women worker(s).


This issues with the approval of DG CPWD.


05.03.2024
(V.P. Sahu)

Superintending Engineer (C&M)

Issued from file No. CSQ/CM/17(1)/2023 e-file no. 9163323

To all the concerned officers of CPWD/PWD for information and necessary action please. (Through CPWD Website)


21/03/2024
R.K. JAIN
(EE (Contact))

Addition .. NIL
Deletion .. NIL
Correction.. NIL
Overwriting.. NIL

ANNEXURE- 6**(Reference Para 3.1.3 (2))****LIST OF SPECIALIZED ITEMS / JOBS****List I - Civil Works**

- ✓ 1. ** Water proofing treatment work.
2. Steel work in steel bridge work, space frames for long span structures, steel towers.
3. ** Special foundations including all types of piles.
4. RCC Overhead Tank with independent staging.
5. Structural Repair and Rehabilitation/ Retrofitting works.
6. Soil Investigation and Survey Work.
7. ** Facade cleaning system and façade cleaning.
8. Custom made wooden furniture (factory made).
9. Diaphragm walls.
10. Post construction Anti-termite chemical treatment.
- ✓ 11. Water Treatment Plants
12. Security to vacant bungalows/premises.
13. Tentage works.
14. Washing/dry cleaning works.
15. Synthetic play area surface for games.
16. Environment Impact Assessment Study and Environment Clearance.

Note:-

**For these works. Specialized Agencies shall have to be associated by the CPWD / Non CPWD Contractors in case the Contractor does not possess the requisite eligibility and experience as per the NIT conditions to carry out these works..

Electrical Works**LIST- II(A)****S. No. Supplying /fabrication, installation, testing and commissioning of the following-**

1. Kitchen equipment
2. Lifts, escalators and conveyors
3. Simultaneous interpretation systems
4. Gas plants.
5. Cold storage plant
6. Hot Water/Steam Boilers
7. Public address system; conferencing system, automatic vote recording system, recorders

Addition .. NIL
 Deletion .. NIL
 Correction.. NIL
 Overwriting.. NIL

Proforma of Quoting Rates

Central Public Works Department

NIT No.: 16/EE/BCD-II/2026-27 Recall

Name of work: Repairing and Overhauling of Iron Removal Filtration Plant at SB, Hatikanda during 2025-26

Estimated Cost put to tender (Rs.) : Rs. 2,44,256.00					
Proforma for quoting the rates					
Name of the Contractor					
Sl. No.	Name of component	Estimated Cost	Percentage above or below the estimated cost	% in Figures	Total Cost
1	Civil work	Rs.2,44,256.00			
	Total	Rs.2,44,256.00			

1. Only one of the options is to be filled. More than one option shall be rejected.
2. Rate filled in any form shall be considered only in % age.
3. Rate filled at any other place in the document shall not be considered
4. No condition shall be accepted.

Addition .. NIL
 Deletion .. NIL
 Correction.. NIL
 Overwriting.. NIL