NIT No. IITGoa/IWD/2026-27/16

NOTICE INVITING TENDER (NIT)

Name of the work: Balance Civil and Allied Works for Making the Existing IIT Goa Hostel Blocks near Academic Block-II Functional – Construction of Septic Tanks and Sewerage System, including External Sewer Network and Associated Works, and Installation of Water Storage Tanks at the Newly Acquired Hostel Buildings of IIT Goa.

*This NIT contains Pages **01** to **149** excluding cover pages*

Sr. Executive Engineer (Civil)
IIT Goa
Email:sr.ex.eng.civil@iitgoa.ac.in

INDEX

PART - I : INSTRUCTIONS TO THE BIDDERS FOR ONLINE BID SUBMISSION 5

1.1 REGISTRATION 5
1.2 SEARCHING FOR TENDER DOCUMENTS 5
1.3 PREPARATION OF BIDS 5
1.4 SUBMISSION OF BIDS 6
1.5 ASSISTANCE TO BIDDERS 7

PART – II : ELIGIBILITY & QUALIFICATION REQUIREMENTS 9

2.0 Technical Eligibility – Similar Work Experience 9
2.1 Financial Capacity 9
2.2 Statutory Requirements 10

PART – III : GENERAL INFORMATION AND INSTRUCTIONS TO BIDDERS 11

3.0 The description of the work is as follows: 11
3.1 Availability of Tender Documents: 11
3.2 Performance Guarantee 11
3.4 Important Instructions 11
3.5 Site Conditions and Pre-Bid Obligations 12
3.6 Labour Laws, Safety and Statutory Compliance 13
3.7 Rates, Taxes and Payments 13
3.8 Public Procurement (Preference to Make in India), Order 2017: 14
3.9 Signing of Agreement 15
3.10 Jurisdiction 15

PART – IV : SCOPE OF WORK 16

PART – V : PROFORMA OF SCHEDULES 19

PART – VI : SPECIAL CONDITIONS OF CONTRACT [SCC] 28

6.1 Order of Preference 28
6.2 Execution, Coordination and Drawings 28
6.3 Materials, Testing and Quality Control 29
6.4 Workmanship 30
6.5 Shop Drawings (as applicable) 30
6.6 Indemnity 31
6.7 Water, Electricity and Temporary Works 31
6.8 Protection of Works and Existing Services 31
6.9 Progress Programme and Reporting 32
6.10 Specialised Works and Agencies 32
6.11 Engineers-in-Charge (EIC): Operating Procedures 33

PART – VII : ADDITIONAL CONDITIONS OF CONTRACT 35

7.1 Additional Conditions for Cement 35

7.2 Additional Conditions for Steel 36
7.3 Applicable for Works costing more than Rs 50 Lakh 37
7.4 Additional Conditions Specific to this Work 40

PART – VIII : CONTRACT AGREEMENT 44

FORMS AND APPENDICES 47

Checklist of documents to be submitted along with Technical Bid 49
Form: A :: Undertaking for GST Registration Certificate 51
FORM – B:: Financial Capacity.....52
FORM – C :: Details of Eligible Works.....53
FORM-D :: Undertaking for Non-Blacklisting 54
Form: E :: Undertaking for Valid Electrical License 55
Form: F :: Undertaking for Association of Specialized Agencies.....56
Form: G :: Declaration of Local Content.....57
FORM-H:: Manufacturer's Authorisation Form 58
Appendix-1 :: Letter of Transmittal 59
Appendix-2 :: Format for Bank Guarantee.....60
Appendix-3 :: Format for Guarantee Bond 62
Appendix-4 :: Suggested Format for Experience Certificate.....63
Appendix-5 :: Mandatory Tests.....64
Appendix-6 :: MoU for Specialised Works 65
Appendix-7 :: List of Preferred Makes 66

LIST OF PREFERRED MAKES 66

A. Civil Items:.....66
B. Electromechanical Items:.....73
ELV Systems.....75
HVAC Systems 77
Fire-fighting systems 79
Mechanical Works.....79

AMENDMENTS TO GCC CONSTRUCTION WORKS 2023 81

SCHEDULE OF QUANTITIES..... 139

INDIAN INSTITUTE OF TECHNOLOGY GOA

NOTICE INVITING TENDER

NIT Reference No. IITGoa/IWD/2026-27/16

Indian Institute of Technology Goa invites on behalf of its Board of Governors online bids **(e-tender)** Percentage Rate tenders from approved and eligible contractors of CPWD and those of appropriate list of M.E.S., BSNL, Railway and State P.W.D/ Central Public Sector Undertakings / State Public Sector Undertakings/ Central Autonomous bodies/ State Autonomous bodies/ City Development Authority/ Municipal Cooperation of a City formed under any act by Central or State Government for the below mentioned work:

The enlistment of the contractors should be valid on the last date of submission of the Bid.
Copy of valid contractor's registration certificate (ROF in case of specialized agency), PAN card, GST Registration certificate & GSTIN should accompany the Technical Bid.

1.1	NIT No.:	IITGoa/IWD/2026-27/16
1.2	Name of Work:	Balance Civil and Allied Works for Making the Existing IIT Goa Hostel Blocks near Academic Block-II Functional – Construction of Septic Tanks and Sewerage System, including External Sewer Network and Associated Works, and Installation of Water Storage Tanks at the Newly Acquired Hostel Buildings of IIT Goa.
1.3	**Estimated Cost Put to Tender (ECPT):** (*given merely as a rough guide)*	Rs, 25,44,836.00
1.4	Earnest Money Deposit (EMD):	Rs, 50,900.00
1.5	Period of Completion:	60 days
1.6	Date of Online Publication of Tender	13.10.2026 @1000 Hrs
1.7	Date of Downloading of Tender	13.10.2026 @ 1030 Hrs
1.8	Last Date for Submission of Bids	20.10.2026 @1500 Hrs
1.9	Date of Prebid Meeting	Not applicable
1.10	Date and time of Opening of Technical Bids	21.10.2026 @ 1530 Hrs
1.11	Date and time of Opening of Financial Bids	To be announced on CPPP
1.12	Cost of Bid Document:	**NIL**

PART - I : INSTRUCTIONS TO THE BIDDERS FOR ONLINE BID SUBMISSION

1.0 The bidders are required to submit soft copies of their bids electronically on the CPP Portal, using valid Digital Signature Certificates. The instructions given below are meant to assist the bidders in registering on the CPP Portal, prepare their bids in accordance with the requirements and submitting their bids online on the CPP Portal.

More information useful for submitting online bids on the CPP Portal may be obtained at: https://eprocure.gov.in/eprocure/app.

1.1 REGISTRATION

1) Bidders are required to enroll on the e-Procurement module of the Central Public Procurement Portal (URL: https://eprocure.gov.in/eprocure/app) by clicking on the link "**Online bidder Enrollment**" on the CPP Portal which is free of charge.

2) As part of the enrolment process, the bidders will be required to choose a unique username and assign a password for their accounts.

3) Bidders are advised to register their valid email address and mobile numbers as part of the registration process. These would be used for any communication from the CPP Portal.

4) Upon enrolment, the bidders will be required to register their valid Digital Signature Certificate (Class III Certificates with signing key usage) issued by any Certifying Authority recognized by CCA India (e.g., Sify / nCode / eMudhra etc.), with their profile.

5) Only one valid DSC should be registered by a bidder. It shall be noted that the bidders are responsible for ensuring that they do not lend their DSC's to others, which may lead to misuse.

6) Bidder then logs in to the site through the secured log-in by entering their user ID / password and the password of the DSC / e-Token.

1.2 SEARCHING FOR TENDER DOCUMENTS

1) There are various search options built in the CPP Portal, to facilitate bidders to search active tenders by several parameters. These parameters could include Tender ID, Organization Name, Location, Date, Value, etc. There is also an option of advanced search for tenders, wherein the bidders may combine a number of search parameters such as Organization Name, Form of Contract, Location, Date, Other keywords etc. to search for a tender published on the CPP Portal.

2) Once the bidders have selected the tenders they are interested in, they may download the required documents / tender schedules. These tenders can be moved to the respective 'My Tenders' folder. This would enable the CPP Portal to intimate the bidders through SMS / e- mail in case there is any corrigendum issued to the tender document.

3) The bidder should make a note of the unique Tender ID assigned to each tender, in case they want to obtain any clarification / help from the Helpdesk.

1.3 PREPARATION OF BIDS

1) Bidder should take into account any corrigendum published on the tender document before submitting their bids.

Bidder shall go through the tender advertisement and the tender document carefully to understand the documents required to be submitted as part of the bid. Bidder may note the number of covers in which the bid documents are required to be submitted, the number of documents - including the names and content of each of the document that need to be submitted. Any deviations from these may lead to rejection of the bid.

2) Bidder, in advance, should get ready the bid documents to be submitted as indicated in the tender document / schedule and generally, they can be in PDF / XLS / RAR / DWF/JPG formats. Bid documents may be scanned with 100 dpi with black and white option which helps in reducing size of the scanned document.

3) To avoid the time and effort required in uploading the same set of standard documents which are required to be submitted as a part of every bid, a provision of uploading such standard documents (e.g., PAN card copy, annual reports, auditor certificates etc.) has been provided to the bidders. Bidders can use "My Space" or "Other Important Documents" area available to them to upload such documents. These documents may be directly submitted from the "My Space" area while submitting a bid, and need not be uploaded again and again. This will lead to a reduction in the time required for bid submission process.

Note: *My Documents space is only a repository given to the Bidders to ease the uploading process. If Bidder has uploaded his Documents in My Documents space, this does not automatically ensure these Documents being part of Technical Bid.*

1.4 SUBMISSION OF BIDS

1) Bidder should log into the site well in advance for bid submission so that they can upload the bid in time i.e., on or before the bid submission time. Bidder will be responsible for any delay due to other issues.

2) The bidder has to digitally sign and upload the required bid documents one by one as indicated in the tender document.

3) Bidder has to select the payment option as "online" to pay the tender fee / EMD as applicable and enter details of the instrument. Whenever, EMD / Tender fees is sought, bidders need to pay the tender fee and EMD separately on-line through RTGS/IMPS/Direct Bank Transfer.

4) Bidder should prepare the EMD as per the instructions specified in the tender document. In the case the bidder desires to submit Bank Guarantee from any Scheduled bank or Demand Draft or any other accepted instrument instead of online remittance of the EMD, the original should be posted/couriered/given in person to the concerned official, **latest by the last date and time of bid submission** or as specified in the tender documents. The details of such an instrument, physically sent, should match those available in the scanned copy and the data entered at the time of bid submission. Otherwise, the uploaded bid will be rejected.

5) ***Tenders without a valid EMD will be summarily rejected. No exemption of EMDs or process fee for MSME/NSIC registered contractors.***

6) **Details for online payment of EMD:**
   Beneficiary name: IIT Goa Main Account

Account No: 520101252594859
IFSC Code: UBIN0913286
Bank Name: Union Bank of India
Branch: Farmagudi
Address: GEC Campus, Farmagudi, Ponda, Goa - 403401.

7) Bidders are requested to note that they should necessarily submit their financial bids in the format provided and no other format is acceptable. If the price bid has been given as a standard BoQ format with the tender document, then the same is to be downloaded and to be filled by all the bidders. Bidders are required to download the BoQ file, open it and complete the white coloured (unprotected) cells with their respective financial quotes and other details (such as name of the bidder). No other cells should be changed. Once the details have been completed, the bidder should save it and submit it online, without changing the filename. If the BoQ file is found to be modified by the bidder, the bid will be rejected.

8) The server time (which is displayed on the bidders' dashboard) will be considered as the standard time for referencing the deadlines for submission of the bids by the bidders, opening of bids etc. The bidders should follow this time during bid submission.

9) All the documents being submitted by the bidders would be encrypted using PKI encryption techniques to ensure the secrecy of the data. The data entered cannot be viewed by unauthorized persons until the time of bid opening. The confidentiality of the bids is maintained using the secured Socket Layer 128-bit encryption technology. Data storage encryption of sensitive fields is done. Any bid document that is uploaded to the server is subjected to symmetric encryption using a system generated symmetric key. Further this key is subjected to asymmetric encryption using buyers/bid opener's public keys. Overall, the uploaded tender documents become readable only after the tender opening by the authorized bid openers.

10) The uploaded tender documents become readable only after the tender opening by the authorized bid openers.

11) Upon the successful and timely submission of bids (i.e., after Clicking "Freeze Bid Submission" in the portal), the portal will give a successful bid submission message & a bid summary will be displayed with the bid no. and the date & time of submission of the bid with all other relevant details.

12) The bid summary has to be printed and kept as an acknowledgement of the submission of the bid. This acknowledgement may be used as an entry pass for any bid opening meetings.

13) Bidders are requested to add scanned PDF of all relevant documents in a single PDF file of compliance sheet.

1.5 ASSISTANCE TO BIDDERS

1) Any queries relating to the tender document and the terms and conditions contained therein should be addressed to the Tender Inviting Authority for a tender or the relevant contact person indicated in the tender.

2) Any queries relating to the process of online bid submission or queries relating to CPP Portal in general may be directed to the 24x7 CPP Portal Helpdesk. The contact number for the helpdesk is 1800 233 7315.

PART – II : ELIGIBILITY & QUALIFICATION REQUIREMENTS

2.0 Technical Eligibility – Similar Work Experience

1. The bidder should have successfully completed or substantially completed similar works during last seven years ending last day of month previous to the month of this NIT should be either of the following: -

2. Criteria of eligibility for submission of tender documents, apart from basic eligibility:

Three similar works each of value not less than 40% of estimated cost

(OR)

Two similar works each of value not less than 60% of estimated cost

(OR)

One similar work of value not less than 80% of estimated cost

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

4. "Work" means only work executed under State or Central Government Departments/ Central Public Sector Undertakings / State Public Sector Undertakings/ Central Autonomous bodies/ State Autonomous bodies/ City Development Authority/ Municipal Cooperation of a City formed under any act by Central or State Government /Listed Companies in India.

5. Completion certificates issued by an officer not below the rank of Executive Engineer shall only be considered for evaluation.

6. The intending bidder shall submit the Similar work experience certificates, furnishing all details in the format provided at **Form-C and Appendix-4**.

7 Definition of "Similar Work:"

Similar Work shall mean a work involving construction of septic tank(s) and/or sewerage system, including external sewer network, inspection chambers/manholes, soak pits, sewerage appurtenant works and associated civil works.

2.1 Financial Capacity

1. Average Annual Turnover: (INR): 7,63,451/-

The bidder should have achieved a minimum average annual financial turnover (gross) of the amount stated above (*at least **30%** of the estimated tendered cost*), from construction works during the last three consecutive financial years ending on 31st March of the previous financial year. If the bid due date falls within three months of the closing of the latest financial year, that year can be ignored for calculation purposes.

2. Net worth: (INR): 3,81,725/-

The bidder should possess a minimum net worth of the amount stated above *(at least **15%** of the estimated tendered cost)* at the close of the preceding financial year. If the bid

due date falls within three months of the closing of the latest financial year, that year can be ignored for calculation purposes.

Notes:

(1) For Turnover and Net worth, certificates issued by certified Chartered Accountant with UDIN shall be submitted.

(2) When submitting the bid, bidders must upload a UDIN-certified financial capacity certificate in Form B from a chartered accountant. There is no need to upload entire voluminous balance sheets. Further details, if required, may be requested from the bidders after the technical bid is opened. Non-submission may lead to rejection.

2.2 Statutory Requirements

The bidder shall possess valid GST registration and shall comply with EPF, ESI, BOCW, Contract Labour Act and all statutory provisions. Undertakings shall be submitted as per annexures.

PART – III : GENERAL INFORMATION AND INSTRUCTIONS TO BIDDERS

3.0 The description of the work is as follows:

Balance Civil and Allied Works for Making the Existing IIT Goa Hostel Blocks near Academic Block-II Functional – Construction of Septic Tanks and Sewerage System, including External Sewer Network and Associated Works, and Installation of Water Storage Tanks with required plumbing connection and platform construction.

3.1 Availability of Tender Documents:

1. Tender documents consisting of plans, specifications, the schedule of quantities of the various classes of work to be done, and the set of terms & conditions of the contract to be complied with by the contractor whose tender may be accepted, and other necessary documents can be seen for information at the website, www.iitgoa.ac.in. Copies of other drawings and documents pertaining to the works will be open for inspection by the tenderers at the office of the above-mentioned officer.

2. Bidders are advised to visit the above-mentioned website from time to time (till the bid submission deadline) for any updates to the tender documents, if any. Failure to do so shall not absolve the bidder of his liabilities to submit the bids complete in all respects, including updates thereof, if any. An incomplete bid may be liable for rejection.

3.2 Performance Guarantee

The successful bidder shall submit performance guarantee as specified in Schedule F. This guarantee shall be in the form of 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 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.

3.4 Important Instructions

1. Conditional tenders shall be rejected. Canvassing is prohibited. The competent authority reserves the right to accept or reject any or all tenders without assigning any reason.

2. The competent authority on behalf of the Board of Governors reserves to itself the right of accepting the whole or any part of the tender, and the tenderer shall be bound to perform the same at the rate quoted.

3. The bidder shall sign the 'Tender' at the end of this Section and submit the Letter of Transmittal as given at ***Appendix-1.***

4. To become eligible, the tenderer shall have to furnish an undertaking regarding non-blacklisting as per ***Form 'D'*** of the NIT on a non-judicial stamp paper of minimum value of Rs 100/-.

5. Agreement shall be drawn with the successful tenderer on prescribed Form which is available at ***Part-VII*** of the NIT.

6. The time allowed for carrying out the work will be as stated at para 1 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 tender documents.

3.5 Site Conditions and Pre-Bid Obligations

1. The site for the work is available.

2. Tenderers are advised to inspect and examine the site and its surroundings and satisfy themselves before submitting their tenders 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 tender. A tenderer 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 tenderer 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 tender by a tenderer 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 the General Conditions of the Contract, and local conditions and other factors having a bearing on the execution of the work.

3. Submission of tender shall be deemed to imply full knowledge of site conditions. No claim whatsoever on account of lack of knowledge of site shall be entertained.

4. The contractor shall arrange at his own cost land for labour accommodation, site office, storage of materials, temporary roads, water and electricity connections, tools and plants and all facilities required unless otherwise provided.

5. The bidder shall not be permitted to tender for works if 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). Any breach of this condition by the contractor would render him liable to be removed from the approved list of contractors of this Institute.

6. No Engineer of gazette rank or other Gazetted Officer employed in Engineering or Administrative duties in an Engineering Department of the Government of India is allowed to work as a contractor for a period of one year after his retirement from Government service, without the previous permission of the Government of India in writing. This contract is liable to be cancelled if either the contractor or any of his employees is found any time to be such a person who had not obtained the permission of the Government of India as aforesaid before submission of the tender or engagement in the contractor's service.

7. **Validity of Bids:** The validity period for acceptance of tenders in case only financial bids are invited shall be 30 days from the last date of receipt of bids and in all other cases 75 days from the last day of receipt of technical bid.

(i) If any tenderer withdraws his tender within 7 days after last date and time (24 hours basis) for submission of bids, then the Institute shall without prejudice to any other right or remedy, be at liberty to forfeit 50% of the earnest money absolutely irrespective of letter of acceptance for the work is issued or not.

(ii) If any tenderer withdraws his tender after expiry of 7 days after the last date and time (24 hours basis) of submission of the bid, then the Institute, without prejudice to any other right or remedy, be at liberty to forfeit 100% of the earnest money absolutely irrespective of letter of acceptance for the work is issued or not.

(iii) Withdrawal of the tender, by the tenderer, shall only be made through the e-tender portal.

(iv) Any other method, i.e., through letter/e-mail etc., shall not be considered.

(v) In case of forfeiture of earnest money as prescribed in para (i) and (ii) above, bidders shall not be allowed to participate in the rebidding process of the same work and IIT Goa shall be at liberty to debar the bidder from tendering for works for a period of 12 (twelve) calendar months.

3.6 Labour Laws, Safety and Statutory Compliance

1. The contractor shall comply with all labour laws, EPF, ESI, BOCW Act, Contract Labour Act and local regulations.

2 The contractor shall be solely responsible for safety of workers and public and shall provide barricades, caution boards, night lighting, PPE and all safety arrangements.

3 Any accident or damage shall be the contractor's responsibility and shall be made good at his own cost.

3.7 Rates, Taxes and Payments

1. All taxes, Labour Cess etc., as applicable shall be borne by the contractor himself. The contractor shall quote his rates considering all such taxes including GST on works.

2. Royalty at the prevalent rates shall have to be paid by the contractor on all the boulders, metals, shingle sand and bajri etc., collected by him for the execution of the work direct to the Revenue authority or authorized agent of the State Government concerned or Central Government. Quoted rates deemed to be inclusive of all these charges.

3. 2% as TDS amount of GST amount payable on the bills will be deducted as per the Govt. of India, Ministry of Finance, Department of Revenue notification vide No.65/39/2018-DOR, dtd: 14-09-2018.

4. GST registration certificate of the state in which the work is to be taken up, if already obtained by the bidder.

5. If the bidder has not obtained GST registration in the state in which the work is to be taken up or as required by GST authorities, then in such a case the bidder shall scan and upload an undertaking along with other bid documents in ***Form-A***.

6. Rates quoted shall be all-inclusive covering labour, materials, tools, plants, scaffolding, curing, dewatering, royalties, taxes, leads, lifts and all incidental works.

7. No claim shall be entertained for idle labour, extra shifts, temporary works or damages due to rain, flood or natural calamities.

3.8 Public Procurement (Preference to Make in India), Order 2017:

IIT Goa shall compare all substantially responsive bids to determine the lowest valuated bid. This Institute is following and abiding with the ***Public Procurement (Preference to Make in India), Order 2017, DIPP, MoCI Order No. P-45021/2/2017-B.E. II dated 15th June 2017*** and its subsequent amendments. Accordingly, preference will be given to the Make in India products while evaluating the bids, however, it is the sole responsibility of the bidder(s) to specify the product quoted by them is of Make in India product along with respective documentary evidence as stipulated in the aforesaid order in the technical bid itself**.**

As per the above order and its subsequent amendments "Local Content" means the amount of value added in India which shall be value of the item procured (excluding net domestic indirect taxes) minus the value of the imported content in the item (including all the custom duties) as a proportion of the total value, in percent. Accordingly, the suppliers will be classified in following categories.

Class I local Supplier – has local content minimum 50%
Class II local Supplier – has local content minimum 20%

Verification of Local Content: The Class I Local Supplier /Class II Local Supplier at the time of bidding shall be required to indicate the percentage of local content and provide **self- certification as per Form-G** that the items offered meet the local content requirement. The details of the location(s) at which the local value addition is made also needs to be specified.

In case of procurement in excess of Rs.10 crores, the suppliers shall be required to provide the certificate from the Statutory auditor or cost auditor of the company giving the percentage of local content.

The bidders can be debarred for a period up to two years as per Rule 151(iii) of GFR 2017, in case of false declaration.

3.9 Signing of Agreement

This notice inviting Tender shall form a part of the contract document. The successful tenderer/contractor, on acceptance of his tender by the Accepting Authority shall, within 15 days from the stipulated date of start of the work, sign the contract consisting of:

1. The Notice Inviting Tender, all the documents including additional conditions, specifications and drawings, if any, forming the tender as issued at the time of invitation of tender and acceptance thereof together with any correspondence leading thereto.

2. Standard Contract form (General Conditions of Contract) as mentioned in the ***Schedules-A -F.*** The bidder is deemed to have gone through and understood the Standard Contract Form and the General Conditions of Contract.

3.10 Jurisdiction

Courts at Goa shall have exclusive jurisdiction.

Sr. Executive Engineer (Civil)
IIT Goa

(Signature of bidder)

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 The Board of Governors, IIT Goa, GEC Campus, Farmagudi, Ponda, Goa 403401 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.

I/We agree to keep the tender open for the period specified in the NIT from last date of submission of bid.

I/We hereby confirm having submitted the required Earnest Money Deposit as per tender notice. If I/We, fail to furnish the prescribed performance guarantee within prescribed period. I/We agree that the said The Board of Governors, IIT Goa, GEC Campus, Farmagudi, Ponda, Goa 403401 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 The Board of Governors, IIT Goa, GEC Campus, Farmagudi, Ponda, Goa 403401 or the successors in office shall without prejudice to any other right or remedy available in law, be at liberty to forfeit the said earnest money and the performance guarantee absolutely, otherwise the said earnest money shall be retained by him towards security deposit to execute all the works referred to in the tender documents upon the terms and conditions contained or referred to those in excess of that limit at the rates to be determined in accordance with the provision contained in Clause 12.2 and 12.5 of the tender form. Further, I/We agree that in case of forfeiture of Earnest Money & Performance Guarantee as aforesaid. I/We shall be debarred for participation in the re-tendering process of the work.

I/We undertake and confirm that eligible similar work(s) has/have not been got executed through another contractor on back to back basis. Further that, if such a violation comes to the notice of Department, then I/We shall be debarred for tendering in IIT Goa in future forever. Also, if such a violation comes to the notice of IIT Goa 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:

Bidder Must Sign this Form and Put his Seal

Signature of Contractor

Postal Address
Address:

PART – IV : SCOPE OF WORK

The scope of work shall generally comprise the following:

A. Construction of Septic Tanks

Construction of septic tanks at the identified location, including:

- Excavation in soil/hard rock, including disposal of surplus excavated material within specified lead.
- PCC bed/foundation concrete.
- RCC structural components including base/slab/walls as applicable.
- Providing and fixing reinforcement steel.
- Centering and shuttering.
- Laterite masonry in cement mortar.
- Internal cement plastering with smooth/neat cement finish.
- Construction of necessary inlet/outlet arrangements.
- Providing and fixing 75 mm dia uPVC ventilation pipes complete with bends, couplers, supports and clamps.
- Providing mosquito-proof ventilating cowls/mesh at the top of ventilation pipes.
- Providing precast RCC manhole covers wherever specified.
- Backfilling with available excavated earth in layers and proper compaction.
- Providing necessary finishing and making the septic tank complete and functional.

B. External Sewerage Network

The work shall include construction of the external sewerage network connecting the hostel buildings to the proposed septic tanks/soak pits, including:

- Setting out and alignment of the sewer network.
- Excavation of trenches in soil/hard rock.
- Excavation for pipe sockets and necessary working space.
- Providing and laying 150 mm dia NP2 class RCC sewer pipes with collars and cement mortar joints.
- Testing of pipe joints.
- Proper bedding/support wherever required.
- Backfilling of trenches in layers with suitable excavated material.
- Compaction of backfilled trenches.
- Disposal of surplus/unserviceable excavated material.
- Connection of individual building sewer outlets to the external sewer network.

C. Gully Traps, Inspection Chambers and Manholes

The scope shall include provision of the necessary sewerage appurtenances, including:

- 150 × 100 mm P-type S.W. gully traps with C.I. grating.
- Brick masonry chambers with watertight C.I. covers and frames.
- Inspection chambers of specified internal dimensions.
- RCC top slabs and foundation concrete.
- Internal cement plastering with smooth/neat cement finish.
- Sewer channels within manholes.
- Manholes of specified dimensions and depths.

- C.I. covers and frames of specified duty/weight.
- Additional chamber/manhole depth wherever required as per site levels.
- Proper connection of incoming and outgoing sewer pipes.

D. Soak Pits

Construction of soak pits for disposal of treated effluent from the septic tanks, including:

- Excavation.
- Construction of dry brick honeycomb shaft.
- Providing S.W. drain pipe connection.
- Laterite/brick masonry as specified.
- Proper filling/filtering arrangement where required.
- Making the soak pit complete and functional as per approved design.

E. Associated Civil Works

The work shall also include all associated civil works necessary for completion of the sewerage system, including:

- Excavation and disposal of surplus earth.
- PCC and RCC works.
- Reinforcement.
- Centering and shuttering.
- Masonry work.
- Cement plastering.
- Plinth protection around structures.
- Backfilling and compaction.
- Making good of disturbed areas after completion of underground services.
- Any minor incidental works necessary for making the system complete and functional.

F. Water Supply / Water Storage Tank Works

The work shall include installation of 10,000-litre polyethylene water storage tanks at the each hostel buildings, including:

- Providing and placing IS 12701 marked polyethylene water storage tanks.
- Providing covers and suitable locking arrangements.
- Making necessary holes for inlet, outlet and overflow pipes.
- Construction of required laterite masonry support/base where specified.
- Connecting the tank to the water supply system.
- Providing necessary pipework and fittings within the scope of the BOQ.
- Testing the complete arrangement and making it functional.

PART – V : PROFORMA OF SCHEDULES

SCHEDULE 'A'

Schedule of quantities (Enclosed): As enclosed at Page No 135

SCHEDULE 'B'

Schedule of materials to be issued to the contractor

Sl. No.	Description of item	Quantity	Rates in figure & words at which the material will be charged to the Contractor	Place of issue
..... **NIL**				

SCHEDULE 'C'

Tools and plants to be hired to the contractor

Sl. No.	Description	Hire Charges per day	Place of issue
..... **NIL**			

SCHEDULE 'D'

Extra schedule for specific requirements/documents for the work, if any.

--- NIL ---

SCHEDULE 'E'

Reference to General Condition of Contract.:

(i) In compliance with Rules 135 (1) and 139(i) of the General Financial Rules (GFR) 2017, the Institute adopted General Conditions of Contract (GCC) published by the Central Public Works Department (CPWD).

(ii) The Bidders are instructed to go through and understand the contents of the GCC before submission of the bids. For brevity, it is not enclosed with the NIT, but the same shall form part of the agreement.

(iii) The GCC may be downloaded from the URL: *https://cpwd.gov.in/Publication/GCC_CON_Misc_30_Construction_Works_2023.pdf*.

(iv) For the purpose of operating the GCC, the hierarchical mapping of CPWD and IIT Goa is done as given below:

Sl No	Designation as per CPWD	Designation as per IWD of IIT Goa
1	President of India	Board of Governors
2	Central Works Board	Building and Works Committee
3	Director General	Director
4	SDG/ADG	Dean (Infra & Support)
5	Chief Engineer	Dean (Infra & Support)
6	Superintending Engineer	Superintending Engineer/ Sr. Executive Engineer
7	Executive Engineer	Executive Engineer
8	Assistant Engineer/ Assistant Executive Engineer	Assistant Engineer
9	Junior Engineer	Junior Engineer

Name of the work	:	Balance Civil and Allied Works for Making the Existing IIT Goa Hostel Blocks near Academic Block-II Functional – Construction of Septic Tanks and Sewerage System, including External Sewer Network and Associated Works, and Installation of Water Storage Tanks at the Newly Acquired Hostel Buildings of IIT Goa.
Estimated cost of work	:	Rs, 25,44,836.00
Earnest money	:	Rs, 50,900.00

Performance Guarantee	:	(a) 5% of tendered value or Estimated Cost Put to Tender (ECPT) (whichever is higher). (b) Where the tendered amount is less than eighty percent (80%) of the 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.
Security Deposit	:	*2.50% of the accepted contract amount*

GENERAL RULES AND DIRECTIONS:		
Officer inviting tender:	:	***Sr. Executive Engineer (Civil)***
Maximum percentage for quantity of items of work to be executed beyond which rates are to be determined in accordance with Clauses12.2 & 12.3	:	*See Clause 12 below*
Definitions:		
2(v) Engineer -in- Charge (Major Component)	:	***Sr. Executive Engineer (Civil)***
2(vi) Engineer -in- Charge (Minor Component)	:	Not Applicable
2 (vii) Overall Engineer in Charge of the Project	:	*Sr.EE(Civil)*
2(viii) Accepting Authority	:	*Sr.EE* *Indian Institute of Technology, Goa.*
2(x) Percentage on cost materials and Labour to cover all overheads and profit	:	*15% (Fifteen) per cent.* *(7.5% OH + 7.5% CP)*
2(xi) Standard Schedule of Rate	:	**Civil Works** *1.DSR 2023 Volume-I & II i/c 0.973 correction factor on DSR 2023 + prevailing Cost Index as modified & corrected up to previous day of the last date of submission of bid.* **Electrical Works** *1. DSR-2025 (E&M) + Prevailing Cost Index as modified & corrected up to previous day of the last date of submission of bid.* **Non-DSR Items**: Local Market Rates

Standard Contract Form	:	*IIT Goa Agreement Form placed at Part-VII of the NIT;*
Clause 1		
i) Time allowed for submission of Performance Guarantee, Programme Chart (Time and Progress) and applicable licenses, registration with EPFO, ESIC and BOCW Welfare Board or proof of applying thereof from the date of issue of letter of acceptance, in days	:	*10 days*
ii) ii)Maximum allowable extension with late fee at 0.1% per day of performance guarantee amount beyond the period provided in (i) above.	:	05 days
Clause 2 Authority for fixing Compensation under Clause 2	:	*Dean(I&S)* *Indian Institute of Technology, Goa*
Clause 5: (i) Authority to convey the decision of shifting of milestones and extension of time	:	*Sr.EE(Civil)*
(ii) Authority to decide Rescheduling of milestones and extension of time	:	Dean(I&S)
(iii) Shifting of date of start in case of Delay in handing over of site	:	Dean(I&S)
(i) Number of days from the date of issue of letter of acceptance for reckoning date of start	:	*10 Days or date of issue of LOC whichever is later*
Milestones		*Applicable*

Table of Milestones if Applicable

Sl. No.	Description of Milestone	Time Allowed (From Date of Start)	Amount to be withheld in case of non-achievement of Milestone
1	25% agreement value	One fourth of time allowed for completion.	In the event of non-achieving the necessary progress as assessed from the running payments, 2.5% of tendered value of work will be withheld for failure of each milestone.
2	50 % agreement value	One half of time allowed for completion.	
3	75% agreement value	Three fourth of time allowed for completion.	

4	100% agreement value	Full period of time allowed for completion.	

Clause-5.4:

Schedule of rate of recovery for delay in submission of the modified programme in terms of delay days & further instructed by the Engineer in Charge ;

Sl No.	Contract Value	Recovery
I	Less than or equal to Rs. 1 Crore	Rs. 500 per day
II	More than Rs. 1 Crore but less than or equal to Rs. 5 Crore	Rs. 1000 per day
III	More than Rs. 5 Crore but less than or equal to Rs. 20 Crore	Rs. 2500 per day
IV	More than Rs. 20 Crore	Rs. 5000 per day

Time allowed for execution of work	:	60 days
Clause 6:- Measurement Book	:	*(i) For works having estimated cost more than Rs 15 Lakh – Clause 6* (ii) *For works having estimated cost Rs. 15 Lakh or less – Contractor's option of Clause 6 or as decided by the EIC.*
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	:	*4.0 Lakhs*
Clause 7A: Whether Clause 7A is 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.*
Clause 8A (i) Authority to decide compensation on account if contractor fails to submit completion plans.	:	Dean(I&S)
(ii) Recovery rate for not submission of completion plans by the contractor	:	*0.1% of tendered value of all Components*
Clause 10A:		
List of testing equipment to be provided by the contractor at site lab	:	*Not Applicable*
Clause 10B (ii)- Mobilization advance: Whether Clause 10 B (ii) shall be applicable	:	*Not Applicable*
Clause 10C: Component of labour expressed as percent of value of work	:	*Not Applicable*
Clause 10CC:	:	*Not Applicable*

If Clause 10 CC is Applicable: **Percentage component of materials & labour.**		
(i) Component of Cement	:	6%
(ii) Component of Labour	:	25%
(iii) Civil Component of other Construction Materials	:	34%
(iv) Electrical and Mechanical (E&M) Component of Construction Materials	:	11%
(v) Component of POL (Diesel)	:	1%
(vi) Reinforcement steel bars/TMT bard/structural steel (including strands and cables) component	:	23%
(vii) Component of Bitumen	:	0%
Total	:	**100%**

Clause 11:		
Specification to be followed for execution of work	:	**CIVIL WORKS** **<u>CPWD DSR Items</u>:** CPWD Specifications 2019 Vol. I & II, with up-to-date correction slips, **<u>For Road Works/MORTH Items</u>** MORTH Specifications 2013, with up-to-date correction slips. **<u>For ELECTRICAL WORKS</u>** **i) <u>CPWD DSR Items:</u>** CPWD General Specifications Part I Internal 2023 Part II External 2023 Part III Lifts & Escalators 2003 Part IV Substations 2013 Part V Wet Riser Sprinkler System 2020 Part VI Fire Detection and Alarm System 2018 Part VII DG Sets 2013 Part VIII: Gas based fire extinguisher systems 2013 all with up-to-date Corrections Slips. **<u>Others</u>:** All relevant BIS codes of practice, National Building Code (NBC), Local Bodies Norms, Statutory bodies Norms and all other relevant Codes, Guidelines, Regulations, Recommendations, Sound Engineering practices, Manufacturers' Specifications.
(ii) Building information model (BIM):	:	Not Applicable

Clause 12.2 (c):	Deviation Limit beyond which clauses12.2 (c) shall apply for building work.	*100%*
	i) Deviation Limit beyond which clauses 12.2 (c) shall apply for foundation work (except items mentioned in earth work subhead in DSR and related items)	*100%*
	(ii) Deviation Limit for items mentioned in earth work subhead of DSR and related items	*100%*
(as per DG/CON/Construction 2023/03, Dt. 06.12.2023)		

Clause 16 Competent Authority for deciding reduced rates	:	Dean(I&S)

Clause 17 Contractor liable for damages, defects during defect liability period.	:	(i) Defect liability period shall be 1 (one) year to be reckoned after the actual date of completion of the work (ii) The Contractor shall submit Warranty Bonds for items of Waterproofing, ante termite treatment, exterior painting, LED light fixtures, etc., for specified periods as per the contract.

Clause 18: List of mandatory machinery, tools & plants to be deployed by the contractor at site	:	*As required for the work.*
Clause 19 C Competent Authority for deciding penalty	:	*Dean (I&S), IIT Goa*
Clause 25: (i) Settlement of disputes by Conciliation and Arbitration:		
• Conciliator		*Dean (I&S), IIT Goa*
• Authority to appoint arbitrator		*Director, IIT Goa*
• Place of Arbitration		*Goa*
• Venue of Arbitration		*IIT Goa*
• Type of Arbitration Tribunal		*Sole Arbitrator*
Note: (i) Provisions of Arbitration and Conciliation Act 1996 with latest amendments in force shall be applicable. (As per DG/CON/Construction 2023/18, dt. 16.06.2025) *(ii) Proforma for Appendix XVII, XVIII & XIX are available in the Standard GCC.*		

Clause 32:

Requirement of Technical Representative(s) and Recovery Rate

Sl. No.	**Minimum Qualification of Technical Representative**	**Discipline**	**Designation (Technical Representative)**	**Minimum Experience (years)**	**Number**	**Rate at which recovery shall be made from the contractor in the event of not fulfilling provision of Clause 36(i) (INR) / Month / Each**	
						Figures	**Words**
1	Engineering Graduate	Choose an item.	Sr. Technical Representative	10	Choose an item.	50,000/-	Rupees Fifty Thousand Only
2	Diploma Engineer	Civil	Technical Representative (Construction Manager)	5	1	30,000/-	Rupees Thirty Thousand Only

3	Diploma Engineer	Choose an item.	Technical Representative (Construction Manager)	5	Choose an item.	30,000/-	Rupees Thirty Thousand Only

Note: Assistant Engineers retired from government services that are holding diploma will be treated at par with graduate engineers.

Clause 38		
(i) (a)	Schedule/statement for determining theoretical quantity of cement & bitumen on the basis of "Delhi Schedule of Rates 2023 with correction slips up to previous day of last date of submission of bid.	
(ii)	Variations permissible on theoretical quantities:	
(a)	Cement	
	For works with estimated cost put to tender less than Rs.5 lakh	3% plus / Minus
	For works with estimated cost put to tender more than Rs.5 lakh	2% plus / Minus
(b)	Bitumen all works	2.5% plus only and nil on minus side
(c)	Steel reinforcement and structural steel sections for each diameter, section and category	2% plus/ minus
(d)	All other materials.	Nil

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**
1.	Cement	Nil	Not permitted
2.	Steel Reinforcement	Nil	Not permitted
3.	Structural Steel Sections	Nil	Not permitted

PART – VI : SPECIAL CONDITIONS OF CONTRACT [SCC]

6.1 Order of Preference

In case there is any discrepancy between the description of items as given in the item nomenclature under schedule of quantities, tender drawings, particular specifications for individual items of work, conditions, CPWD specifications and I.S. Codes etc., the following order of preference shall be observed.

a. Nomenclature of items as per the Schedule of Quantities in the bid document.

b. Tender conditions and Technical Specifications for civil works and E&M works.

c. **General Conditions of Contracts (GCC) for Construction works -2023** with all correction slips upto previous day of the last date of submission of bid.

d. Architectural Drawings.

e. Delhi Schedule of Rates (latest version) For Civil and E&M works with all correction slips up to the previous day of the last date of submission of bid.

f. CPWD Specifications(latest version) For Civil and E&M works with correction slips up to the previous day of the last date of submission of bid.

g. Indian Standard Specifications of B.I.S. with any revisions/amendments up to the previous day of the last date of submission of bid

h. National Building Codes 2016.

i. ASTM, BS, or other foreign origin code mentioned in the tender document.

j. Manufacturer's specifications.

k. Sound engineering practices or well-established local construction practices.

l. Decision of Engineer-in-charge

6.2 Execution, Coordination and Drawings

1 The work shall be executed strictly in accordance with approved drawings, CPWD Specifications, BIS Codes, NBC, technical specifications and instructions of Engineer-in-Charge.

2 All drawings shall be properly correlated before execution. Any discrepancy shall be brought immediately to the notice of the Engineer-in-Charge. The contractor shall be solely responsible for execution based on unverified drawings.

3 The contractor shall coordinate with all agencies working at site and shall provide all openings, recesses, sleeves, inserts, hooks, conduits and supports for services without extra cost.

4 The contractor shall protect all benchmarks and reference points and shall be responsible for the correct setting out of works.

5 Compliance with Local Bye-Laws, Rules And Regulations:

The work must fully comply with all relevant local bye-laws, Regulations of the Electric Supply Authority, Indian Electricity Rules and Regulations, latest Indian Standards and as per the requirements of the Chief Fire Officer, etc., and the directions of the Engineer-in-Charge. The contractor is responsible for notifying applicable authorities, obtaining

necessary licenses or permissions, and paying any required charges in the course of execution of the work. No additional payment will be made for these obligations.

In the case the contract requires obtaining Local Body approvals and or Occupancy Certificate for the building, IIT Goa shall reimburse the Contractor the Government fees on actuals.

6 If security, traffic, or other authorities of the local Government or the Institute impose restrictions on work or movement, the contractor must comply without extra payment. Any resulting delays must be made up using additional resources as needed.

7 All Heights, Lifts, Leads and Depths

Unless otherwise specified in nomenclature of item, 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.

8 The contractor shall, at his own expense and risk, arrange land for accommodation of labour, setting up of office, the storage of materials, the erection of temporary workshops, and the construction of approach roads to the site of the work. IIT Goa (Institute) shall not permit the setting up of labour camps within its premises. The contractor shall, however, be responsible for proper storage and safe custody of the same till their incorporation into the permanent works.

9 The contractor shall be responsible for the true and proper setting out of the work in coordination with the Engineer-in-Charge and for the correctness of positions, levels, dimensions and alignments of all parts of the work, and shall provide all necessary instruments, appliances and labour. Any error in setting out shall, when required by the Engineer-in-Charge, be rectified by the contractor at his own cost to the satisfaction of the Engineer-in-Charge. Checking by the Engineer-in-Charge shall not relieve the contractor of this responsibility. The contractor shall protect and preserve all benchmarks, pegs and pillars provided for setting out the work.

10. **Manufacturers' Instructions**: Where manufacturer has furnished specific instructions, relating to the material and equipment used in this project, covering points not specifically mentioned in these documents, manufacturer's instructions shall be followed in that case duly bringing the same to the notice of EIC.

6.3 Materials, Testing and Quality Control

1 The contractor shall obtain prior approval of sources and samples of all materials. Materials used shall strictly conform to approved samples and specifications.

2 All materials shall be inspected and tested as directed. Testing shall be carried out in approved laboratories. Cost of sampling, transport, testing and retesting shall be borne by the contractor unless otherwise specified.

3 Materials used without approval shall be liable for rejection and removal at contractor's cost.

4 The contractor shall submit a Quality Assurance Plan within two weeks of award and strictly implement quality control measures.

5 Quality of material:

All materials and equipment supplied by the contractor shall be new and must be in the Original sealed packaging. Relevant vouchers and test certificates will be produced as and

when required. Manufacturers' Test certificates (MTCs) for each consignment shall be furnished by the Contractor.

The contractor shall ensure that:

- All materials are procured directly from the manufacturer/authorised dealers to ensure genuineness & quality, and as per the approved makes only. Proof in this regard shall be submitted by the contractor if required by the department.
- Delivery of material shall be taken up only on approval of the Engineer-in-Charge (EIC).
- Institute shall reserve the right to waive inspection in lieu of a suitable test certificate, at its discretion.
- Similarly, for fabricated equipment/items, the contractor shall first submit detailed dimensional drawings/ shop drawings for approval before fabrication is taken up in the factory. Stage inspections at the factory will be made to ensure proper use of materials, workmanship and quality control.

6.4 Workmanship

1 Good workmanship is an essential requirement to be complied with. The contractor shall take precaution to ensure quality of workmanship as well as the progress of the work. He shall regulate the labour accordingly. The entire work of manufacture/fabrication, assembly and installation shall conform to sound engineering practice.

2.He shall engage suitably skilled/licensed workmen for execution of electrical work supervised by supervisors/Engineer of appropriate qualification and experience to ensure proper execution of work.

6.5 Shop Drawings (as applicable)

1 All the shop drawings shall be prepared on a computer using AutoCAD software based on Architectural Drawings, site measurements, and the Interior Designer's Drawings. After award of the contract or as specified in Additional Conditions of relevant item of work, the contractor shall furnish, for the approval of the EIC, two or more sets of detailed shop drawings of all services and fabrication works. Shop drawings shall also be submitted in soft format. Soft copies of the drawings shall be submitted in PDF as well as in editable format.

2 Shop drawings shall be submitted for approval sufficiently in advance of planned delivery and installation of any material to allow the Engineer-in-charge ample time for scrutiny. No claims for extension of time shall be entertained because of any delay in the work due to his failure to produce shop drawings at the right time, in accordance with the approved programme.

3 Where the contractor proposes to use an item or equipment, other than that specified or detailed on the drawings, which requires any redesign of the structure, partitions, foundation, wiring or any other part of the mechanical, electrical or architectural layouts; all such re-design, and all new drawings and detailing required therefore, shall be prepared by the contractor at his own expense and gotten approved by the EIC.

6.6 Indemnity

The Contractor shall be solely responsible for and shall indemnify and keep indemnified the Institute, its officers, employees and representatives from and against all actions, claims, demands, losses, damages, costs, charges and expenses of any nature whatsoever arising out of or in connection with:

a) death of or bodily injury to any person, including workmen or third parties;
b) loss of or damage to any property, whether belonging to the Institute or to third parties;
c) any accident, failure, defect or deficiency in execution of the work;
d) non-compliance with any statutory provisions, rules or regulations in force.

This indemnity shall apply irrespective of whether such claims arise during the execution of the work or after its completion and shall not be limited by any insurance taken by the Contractor or by any payments made to the Contractor under the contract.

6.7 Water, Electricity and Temporary Works

1 The contractor shall make his own arrangements for temporary water and power connections and shall bear all charges.

2 Water/Power required for installation or testing various electrical installations, fire pumps, wet riser / firefighting equipment, fire sprinklers etc. and also testing water supply, sanitary and drainage lines, water proofing treatment etc. shall be arranged by the contractor at his own cost.

3 In the case the Institute provides water and power, amount worked out as per actual consumption at the prevailing Government rates shall be recovered from the running payments.

4 The contractor shall provide barricading, labour accommodation, sanitation facilities, stores, sheds and all temporary works without extra cost.

6.8 Protection of Works and Existing Services

1 The contractor shall protect existing buildings, services, drains, cables, pipelines and structures.

2 Any damage caused shall be made good immediately at the contractor's cost.

3 The contractor shall protect the works executed till final handing over.

4 The work shall be executed in a manner that does not interfere with, affect, or disturb other ongoing works being performed by other agencies, if applicable.

5 Any damage caused by the contractor to existing works, or to works carried out by other agencies, shall be repaired or rectified by the contractor at their own expense.

6 Care of the building and other structures/installations

Care shall be taken by the contractor while handling and installing the various equipment and components of the work to avoid damage to the building and its surrounding roads, pavements, horticulture work, boundary wall, sewer and water lines, etc. He shall be responsible for repairing all damage and restoring it to its original finish at his cost. He shall also, at his cost, remove all unwanted and waste materials arising from the installation from the site. In case of failure to do so, damages to existing

infrastructure/equipment caused by carelessness/poor quality work shall be compensated by the contractor to IIT Goa.

7 Structural Alterations to Buildings:

No structural member in the building shall be damaged/altered, without prior approval from the competent authority through the Engineer-In-charge. Structural provisions like openings, cutouts, if any, provided by the department for the work, shall be used. Where these required modifications or fresh provisions are required to be made, such contingent works shall be carried out by the contract at his cost. All such openings in floors provided by the department shall be closed by the contractor after installing the cables/conduits/rising mains/GI&MS Pipe, etc., as the case may be, by any suitable means as approved by the Engineer-In-Charge without any extra payment.

8 Any services affected by the works must be temporarily supported by the Contractor, who must also take all measures reasonably required by the various bodies to protect their services and property during the progress of works. It shall be deemed to be part of the contract, and no extra payment shall be made to the Contractor for the same. Shifting/realignment of public utilities should be done without disturbing the existing ones. New service lines should be laid and connected before dismantling the existing ones which shall be paid separately.

9 Addition to an installation:

Any addition, temporary or permanent, to the existing electrical installation shall not be made without a properly worked-out scheme/design by a qualified Engineer and without the approval of the Engineer-in-Charge, to ensure that such addition does not lead to overloading or safety violations of the existing system.

6.9 Progress Programme and Reporting

1 The contractor shall submit a detailed construction programme within the time specified in Schedule-F.

2 Monthly progress reports with physical, financial progress, manpower, machinery and photographs shall be submitted in the prescribed format.

6.10 Specialised Works and Agencies

1 In general, all works related to Electrical, fire-fighting, HVAC, Lifts, Ante termite treatment, waterproofing works, expansion joints, furniture, Audio-Video systems, Networking/ELV are treated as specialised works which shall be executed through approved specialised agencies meeting the eligibility criteria specified at Part-II of the NIT. Value of the specific component of the specialised item of work shall be considered for evaluation of the credentials of the agency proposed by the main contractor for approval. If the main contractor fulfils the eligibility requirements to execute any of the specialised works, he shall obtain the approval of the EIC before start of the execution of such works.

2 The main contractor must enter into a Memorandum of Understanding (MOU) with any associated Specialised agencies. The format of the MoU is placed at ***Appendix-6.*** Copies of such MOUs shall be submitted to the Engineer in charge of each relevant component as well as to the Engineer in charge of the major component.

3 In case the main contractor intends to change any of the above agency/agencies during the operation of the contract, he shall obtain prior approval of the Engineer-in-Charge of

the relevant specialised component. The new agency/agencies shall also have to satisfy the laid-down eligibility criteria.

4 In case the Engineer-in-Charge is not satisfied with the performance of any agency, he can direct the contractor to change the agency executing such items of work, and this shall be binding on the contractor.

5 The contractor should hand over the warranty of all the specialised items and non-specialised items, if any such warranty is provided by the manufacturer, which have been installed in the constructed building, to the Institute.

6 The main contractor shall remain fully responsible for the performance of the specialised agencies.

6.11 Engineers-in-Charge (EIC): Operating Procedures

This section is applicable to Composite Works Only

1 After acceptance of the tender by competent authority, the EE in charge of major component of the work shall issue letter of award on behalf of the Board of Governors. After the work is awarded, the main contractor will have to enter into the agreement with EE in charge of major component.

2 Executive Engineer (Civil), Institute Works Department, IIT Goa shall act as Engineer-in-Charge of components which includes Civil, Horticulture, Road & Civil infra works.

3 Executive Engineer (Electrical), Institute Works Department, IIT Goa shall act as Engineer-in-Charge of components pertaining to all Electro-Mechanical works.

4 Other than minor component, all other issues shall be dealt by Engineer-in-charge of Major component.

5 Running Bill for the both major and minor components shall be made by Engineer-in-Charge of major component to the main contractor.

Running payment for the major component shall be made by Engineer-in-Charge of major discipline to the main contractor. Running payment for minor components shall be made by the Engineer-in-Charge of the discipline of minor component directly to the main contractor. The CMB shall be maintained independently by Engineer-in-Charge of major and minor components.

6 Final bill of whole work shall be finalized and paid by the Engineer-in-Charge of major component. Engineer-in-Charge of minor components will prepare and pass the final bill for their component of work and pass on the same to the EE of major component for including in the final bill for composite contract.

7 In case the main contractor intends to change any agency/agencies during the operation of the contract, he shall obtain prior approval of respective Engineer-in-Charge of the agreement. The new agency/agencies shall also have to satisfy the laid down eligibility criteria. In case Engineer-in-Charge of respective major/minor component is not satisfied with the performance of any agency, he can direct the contractor to change the agency executing such items of work and this shall be binding on the contractor.

8 Levy of Compensation under Clause 2, if any, and rescheduling of milestones as stipulated under clause 5, will be decided by Superintending Engineer on receipt of required information in this regard from Engineer-in-Charge of major discipline as well as concerned Engineer-in-Charge of minor discipline.

9 The composite work is treated as complete when all the components of the work are complete. The Completion Certificate of the composite work is recorded by Engineer-in-charge of major component after record of completion certificate by the Engineer-in-Charge of minor components.

10 Other than technical & contractual issues pertaining to minor component (i.e., E& M works) for all other purposes of contractual agreement like Arbitration case/Court case, if any, such shall be handled with main contractor by the Engineer-in-Charge of the major component with the support of Engineer-in-Charge of the minor component.

PART – VII : ADDITIONAL CONDITIONS OF CONTRACT

7.1 Additional Conditions for Cement

1.The contractor shall procure OPC/PPC/PSC as approved by the EIC conforming to relevant BIS codes and CPWD Specifications as required in the work, from reputed manufacturers of cement, such as **ACC, Ultratech, Ambuja cement, J.K. Cement, Shree, Jaypee or from any other reputed cement Manufacturer (or his authorized dealer) having a production capacity not less than one million tonnes per annum as approved by Engineer-in-Charge**. The tenderers may also submit a list of names of cement manufacturers which they propose to use in the work. The tender accepting authority reserves the right to accept or reject the name(s) of cement manufacturer(s) which the tenderer proposes to use in the work. No change in the tendered rates will be accepted if the tender accepting authority does not accept the list of cement manufacturers, given by the tenderer, fully or partially.

2. Supply of cement shall be made in 50 kg. bags bearing manufacturer's name and ISI marking or in cement Bulker. Samples of cement arranged by the contractor shall be taken by the Engineer-in-Charge and got tested in accordance with provisions of the relevant BIS codes. In case the test results indicate that the cement arranged by the contractor does not confirm to the relevant BIS code the same shall stand rejected and shall be removed from the site by the contractor at his own cost within a week's time of written order from the Engineer-in-Charge to do so.

3. The cement shall be brought at site in bulk supply of approximately 50 tonnes or as decided by the Engineer-in-Charge.

4. The cement godown of the capacity to store a minimum of 1000 bags of cement shall be constructed by the contractor at site of work for which no extra payment shall be made.

Double lock provision shall be made to the door of the cement godown. The keys of one lock shall remain with the Engineer-in-charge or his authorized representative and the key 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. Samples of materials required for testing shall be provided free of cost by the contractor. All expenditure to be incurred for testing of samples of all materials e.g. packaging, sealing, transportation, loading, unloading etc. including testing charges shall be borne by the contractor. The samples of all materials shall be tested from the Government Engineering Colleges/Institutes, or NABL-approved laboratories as per the direction of the Engineer-in-charge.

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 show prescribed shall be made. In case of excess consumption, no adjustment need to made.

7.The cement brought to 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 contractor on receipt of a notice in writing from the Engineer-in-Charge. If he does not do show within three days of receipt of such notice, the Engineer-in-Charge shall get it removed at the cost of the contractor.

9.The contractor may use OPC in place of PPC only after written permission of Engineer-in-Charge. In such case, no extra payment shall be made in any form to the contractor by the Department.

7.2 Additional Conditions for Steel

1.The contractor shall procure TMT bars of Fe 500D grade from primary steel producers such as SAIL, Tata Steel Ltd, RINL, Jindal Steel & Power Ltd and JSW Steel Ltd or any other producer as approved by CPWD who are using iron ore as the basic raw material/input and having crude steel capacity of 2.0 million tonnes per annum and above.

2.TMT bars shall meet the provisions of IS 1786: 2008 pertaining to Fe 500/550 D grade of steel.

3.The TMT bars shall be brought to the site in bulk supply of 10 tonnes or more or as directed by the Engineer-in-charge.

4.The TMT 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.

5.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

6 Samples of materials required for testing shall be provided free of cost by the contractor. All expenditure to be incurred for testing of samples of all materials e.g. packaging, sealing, transportation, loading, unloading etc. including testing charges shall be borne by the contractor. The samples of all materials shall be got tested from the Government Engineering Colleges/Institutes or NABL approved laboratories as per direction of Engineer-in-charge.

7.The actual issue and consumption of steel on work shall be regulated and proper accounts maintained as provided in clause 10 of the contract. The theoretical consumption of steel shall be worked out as per procedure prescribed in clause 38of the

contract and shall be governed by the conditions laid therein. In case the consumption is less than theoretical consumption including permissible variations recovery at the rate so prescribed shall be made. In case of excess consumption no adjustment need to be made.

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

9.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.

10.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.

11.Reinforcement including authorized spacer bars and lappages shall be measured in length of different diameters, as actually (not more than as specified in the drawing) used in the work, nearest to a centimeter. Wastage and unauthorized overlaps shall not be measured.

12. 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 and TMT bars into standard weight.

13. 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.

14. If the derived weight as in para 13 above is lesser than the standard weight as in para 12 above, the derived actual weight shall be taken for payment.

15. If the derived actual weight is found to be more than the standard weight, then the standard weight as worked out in para 12 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.

16.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.

17. Tolerances on Nominal Mass (individual sample) shall be as under:-

Sl. No.	Nominal size mm	Tolerances on the Nominal Mass, (%)
1	Up to and including 10 mm	-8%
2	Over 10 up to& including 16 mm	-6%
3	Over 16 mm	-4%

7.3 Applicable for Works costing more than Rs 50 Lakh

Reports to be submitted by Contractor

(i) The contractor shall submit monthly progress report of the work in a computerized form. The progress report shall contain the following, apart from whatever else may be required as specified: i) Project information, giving the broad features of the contract.

(ii) Introduction, giving a brief scope of the work under the contract, and the broad structural or other details.

(iii) Construction schedule of the various components of the work through a bar chart for the next 2 quarters (or as may be specified), showing the milestones, targeted tasks and up to date progress.

(iv) Progress chart of the various components of that are planned and achieved, for the month as well as cumulative up to the month, with reasons for deviations, if any, in a tabular format.

(v) Plant and machinery statement, indicating those deployed in the work, and their working along with their designations.

(vi) Manpower statement, indicating individually the names of all the staff deployed in the work, along with their designations.

(vii) Financial statement, indicating the broad details of all the running account payments received up to date, such as gross value of work done, advances taken, recoveries effected, amounts withheld, net payments, details of cheque payments received, etc.

(viii) A statement showing the extra and substituted items submitted by the contractor, and the payment received against them, items pending for sanction/decision by the Department, broad details of the bank guarantees, indicating clearly their validity periods, broad details of the insurance policies taken by the con- tractor, if any, the advances received and adjusted from the department, etc.

(ix) Progress photographs, in colour, of the various items/components of the work done up to date, to indicate visually the actual progress of the work.

(x) Quality assurance and quality control tests conducted during the month, with the results thereof.

PROGRESS REPORT

The progress report submitted by the contractor has to be checked and certified by the Junior Engineer or Assistant Engineer, and has to be reviewed by the Executive Engineer and the Superintending Engineer, over their dated signatures.

A. Physical.

Name of Item	Quantity as per Agreement	Quantity extended during the month	Total up to date quantity executed	Anticipated balance quantity

B. Financial

Total Tendered amount	Work done during the month	Total amount of work done up to Date	Anticipated amount of balance work

2. The contractor shall submit the progress report to the Engineer-in-Charge in both hard and soft copies by 10th day of every month as per the above proforma along with photographs of the work done during that month. The contractor shall be charged at Rs. 2500/-(Rupees Two thousand five hundred only) in the event of non-receipt of the monthly progress report on the due date (i.e., on the 10th day of every month) in the manner prescribed above. In case the 10th day happens to be a closed holiday, then the progress report will be submitted on the next working day.

7.4 Additional Conditions Specific to this Work

1. Site Verification

The contractor shall visit and inspect the existing site conditions before quoting. The contractor shall verify existing levels, building connections, available access, existing services, soil/rock conditions and other site constraints.

No claim arising from failure to inspect the site shall ordinarily be entertained.

2. Existing Hostel Buildings

The works are being undertaken to make the existing/newly acquired hostel buildings functional. The contractor shall execute the work without causing damage to the existing buildings, roads, underground utilities, electrical installations, water supply lines or other existing services.

Any damage caused by the contractor shall be made good at his own cost.

3. Sewer Line Levels and Alignment

The contractor shall establish the invert levels, gradients and alignment of the sewer network before commencing pipe laying.

The sewer network shall be laid strictly in accordance with the approved drawings and site levels so as to ensure proper gravity flow.

No sewer pipe shall be covered until the alignment, gradient, joints and levels have been inspected and approved by the Engineer-in-Charge.

4. Testing of Sewerage Network

All sewer pipes, joints, chambers, manholes and associated components shall be properly tested before backfilling.

Any leakage, defective joint or improper alignment noticed during testing shall be rectified by the contractor at his own cost.

5. Septic Tank Construction

The septic tanks shall be constructed strictly as per the approved structural/architectural drawings and site requirements.

The contractor shall ensure that the tank is watertight, except for the intended inlet, outlet and ventilation arrangements.

Particular attention shall be given to construction joints, pipe penetrations, plastering and finishing to prevent leakage.

6. Ventilation of Septic Tanks

The septic tanks shall be provided with the specified 75 mm dia uPVC ventilation pipes, including bends, couplers, supports and mosquito-proof ventilating mesh/cowl.

The ventilation pipe shall be extended to the required height and positioned so as to prevent nuisance and ensure effective ventilation.

7. Manholes and Inspection Chambers

All manholes and inspection chambers shall be constructed to the required dimensions and levels.

The channels shall be properly formed and finished to provide smooth and unobstructed flow.

Covers and frames shall be properly seated and finished flush with the surrounding finished ground/paved level wherever applicable.

8. Soak Pits

Soak pits shall be located at suitable locations and shall not be constructed in a manner that could cause contamination of existing water sources or affect the stability of nearby structures.

The contractor shall ensure that the soak pits are connected properly to the manholes and are functional before handing over the system.

9. Excavation in Hard Rock

The Schedule specifically provides for excavation in hard rock where blasting is prohibited. Accordingly, the contractor shall make arrangements for suitable mechanical/manual methods for rock excavation without blasting.

No blasting shall be permitted within the hostel premises.

10. Backfilling and Compaction

All trenches and excavated areas shall be backfilled only after inspection and approval of the underground works.

Backfilling shall be carried out in layers not exceeding the specified thickness and each layer shall be properly compacted.

Particular care shall be taken around sewer pipes to prevent displacement or damage.

11. Protection of Sewer Pipes

The contractor shall ensure that the sewer pipes are properly supported and protected during laying and backfilling.

Where required due to site conditions, depth, traffic loading or crossing of existing services, additional protection shall be provided as directed by the Engineer-in-Charge.

12. Water Storage Tanks

The polyethylene water storage tanks shall be IS 12701 marked and shall be new and free from defects.

The tanks shall be properly supported on the approved base/support and shall be installed in a manner that prevents tilting, deformation or damage during filling and operation.

13. Tank Connections

The contractor shall ensure that all inlet, outlet, overflow and associated connections are properly aligned and securely connected.

Necessary holes/openings in the tank shall be made without damaging the tank and shall be properly sealed around the pipe connections.

14. Coordination with Other Agencies

The contractor shall coordinate with IIT Goa, the Engineer-in-Charge and other agencies working at the hostel premises to ensure that the execution of the work does not disrupt any other ongoing work/ activities.

15. Reinstatement of Site

After completion of underground sewerage and water-supply works, all disturbed areas shall be properly reinstated to their original or approved finished condition, including earthwork, PCC/plinth protection, paving or other surfaces affected by the work.

16. Debris and Surplus Earth

The contractor shall remove all construction debris, surplus excavated material, rejected material and waste from the site and dispose of the same at an approved location as directed by the Engineer-in-Charge.

17. Shop/Working Drawings

Before commencement of the relevant work, the contractor shall submit working details/shop drawings showing, wherever required:

- Septic tank arrangement
- Sewer network alignment
- Pipe invert levels
- Manhole/inspection chamber details
- Soak pit arrangement
- Water tank support/details
- Pipe connections

Execution shall commence only after obtaining approval wherever such drawings are required.

18. Testing and Commissioning

The entire sewerage and water storage system shall be tested and commissioned before handing over.

The contractor shall demonstrate:

- Free flow through sewer lines
- Proper functioning of gully traps
- Proper flow through inspection chambers/manholes
- Watertightness of septic tanks
- Proper functioning of ventilation
- Proper functioning of soak pits
- Leakage-free water tank connections
- Proper filling and operation of water storage tanks

19. Completion of System

The contractor shall be responsible for completing the entire system in a functional condition, notwithstanding that individual components are measured and paid for under separate BOQ items.

Any minor incidental work necessary for proper completion and functioning of the system, which is not specifically described but is reasonably necessary for execution of the scheduled items, shall be carried out as directed by the Engineer-in-Charge and dealt with as per the applicable provisions of the contract.

PART – VIII : CONTRACT AGREEMENT

Contract Agreement

THIS AGREEMENT made **the ..... day of ....., 2026**, between Indian Institute of Technology Goa, at Goa College of Engineering Campus, Farmagudi, Ponda, 403401, Goa State , India (hereinafter "the Employer/ the Institute, of the one part, and M/s....., India (hereinafter "the Contractor"), of the other part:

WHEREAS the Employer desires that the Works known as ..... should be executed by the Contractor, and has accepted a Bid by the Contractor for the execution and completion of these Works and the remedying of any defects therein, for a value of INR ..... (Rupees .....) as considerations from IIT Goa as per the Institute's/ Govt. of India norms.

The Employer and the Contractor agree as follows:

1. In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the Contract documents referred to.

2. The following documents shall be deemed to form and be read and construed as part of this Agreement.

a. The Contract Agreement

b. The Letter of Acceptance

c. Corrigendum to Letter of Acceptance (if any)

d. Minutes of Negotiation

e. Letter of Tender

f. The Bid comprising of:

- Notice Inviting Tender (NIT)
- General Conditions of Contract
- Special Conditions of Contract
- Priced Bill of Quantities: Civil Works
- Priced Bill of Quantities: Electro Mechanical Works
- Particular Specifications: Civil Works
- Particular Specifications: Electro Mechanical Works
- Technical Data Sheet
- Tender Drawings (List plus DVD).
- Appendices to Particular Specifications

g. Pre-bid meeting clarifications, including corrigenda/ addenda.

3. In consideration of the payments to be made by the Employer to the Contractor as specified in this Agreement, the Contractor hereby covenants with the Employer to

execute the Works and to remedy defects therein in conformity with all the provisions of the Contract.

4. The Employer hereby covenants to pay the Contractor in consideration of the execution and completion of the Works and the remedying of defects therein, the Contract Price or such other sum as may become payable under the provisions of the Contract at the times and in the manner prescribed by the Contract.

IN WITNESS whereof the parties hereto have caused this Agreement to be executed in accordance with the laws of INDIA on the day, month and year specified above.

Signed by: Signed by:

for and on behalf of the

The Board of Governors ,

Indian Institute of Technology Goa,

at Goa College of Engineering Campus, Farmagudi, Ponda, 403401, Goa State, India

Witness: Witness:

Forms and Appendices

Checklist of documents to be submitted along with Technical Bid

Sl. No.	Doc Ref	Description of the Document	Applicability	Enclosed Yes/No
1	Registration certificate	Copy of Enlistment Order in appropriate Class and Category	Applicable	
2	Earnest Money Deposit	Proof of EMD payment	Applicable	
3	PAN Card	Copy of PAN Card issued by the Income Tax Department	Applicable	
4	GST Registration Certificate	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 IIT Goa, 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 IIT Goa or GST Department in this regard"* **(Form A)**	Applicable	
5	Average Annual Turnover and Net Worth	Scanned copy of **CA Certificate with** UDIN **(Form-B)**	Applicable	
6	Similar Work experience Details of Works completed during last 7 years *(Detailed statements to be enclosed)* *The intending bidders has to submit the Similar work experience certificate furnishing with all details of the format provided at* ***Form-C***	Not less than 40% of estimated cost (Three similar works) **OR**	Applicable	
		Not less than 60% of estimated cost (Two similar works) **OR**		
		Not less than 80% of estimated cost (One Similar work)		
7	The bidder should not have been blacklisted or penalized.	**Form-D**	Applicable	

8	Valid Electrical License,	Uploading of valid electrical license of eligible class Or Uploading of following undertaking if not having electrical license of eligible class. *"If work is awarded to me, I/we shall obtain valid electrical license at the time of execution of electrical work or associate of Contractor having valid electrical license of eligible class."*	Not Applicable	
9	Specialised Works (**Form F**)	Undertaking of association of agencies for specialized items of work: *"If work is awarded to me, I/we shall associate agencies (having desired credentials as mentioned in NIT) for specialized items of work, within one month from the date of receipt of award letter or before release of any payment by IIT Goa, 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 IIT Goa."*	Not Applicable	
10	Declaration of Local Content	**Form -G**	Applicable	
11	Manufacturer's Authorization Form	**Form -H**	Not Applicable	
12	Letter of Transmittal	**Appendix-1**	Applicable	
13	Bidder's sign and Seal on 'Tender Form'	**Part III** of NIT	Essential	

Note:

1. If any required document is not scanned and uploaded while submitting the bid, the bid submitted shall become invalid and will not be considered for e-Tendering process and the bid shall be summarily rejected.
2. All modifications/addenda/corrigenda issued regarding this bidding process shall be uploaded on the website only and shall not be published in any newspaper.

Form: A :: Undertaking for GST Registration Certificate

To

The Sr. Executive Engineer (Civil)/ Executive Engineer (Civil),
IWD, IIT Goa.

Subject: Name of Work: ……##……

to be filled by the Contractor

Dear Sir,

Having examined the details given in the bid document for the above work, I/we hereby submit that we are not having GST registration in the state of Goa hence we hereby undertake the following:

"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 IIT Goa, 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 IIT Goa or GST Department in this regard."

Signature of Bidder(s) or

An authorized Officer of the firm with stamp & seal

FORM – B:: Financial Capacity

TURNOVER & NET WORTH

I. Name of Firm : …….

II. GST No of Firm : ……

Annual Turnover for the Last Three (3) Financial Years		
Financial Year	**Total Turnover Amount**	**Turnover from Construction activities**
Average Annual Turnover		

Net Worth for the Last Three (3) Financial Years		
Financial Year	**Net worth**	**Remarks**

Signature of Chartered Accountant ……..……
Name of Chartered Accountant ……..……
Membership No. of ICAI ……..……
UDIN: ……
Date and Seal ……..……

FORM – C :: Details of Eligible Works

DETAILS OF ELIGIBLE SIMILAR NATURE OF WORKS COMPLETED DURING THE LAST SEVEN YEARS ENDING PREVIOUS DAY OF LAST DAY OF SUBMISSION OF TENDERS

S. No.	Name of work/ project and location	Organization	Final Completion Cost of work	Date of commencement as per contract	Stipulated date of completion	Actual date of completion	Litigation/ arbitration cases pending/ in progress with details*	Name and address/ telephone number of officer to whom reference may be made	Whether the work was done on back to back basis Yes/ No
1	2	3	4	5	6	7	8	9	10

* Indicate gross amount claimed and amount awarded by the Arbitration Tribunal.

Signature of Bidder(s)

FORM-D :: Undertaking for Non-Blacklisting

(To be submitted on a non-judicial stamp paper of minimum value of Rs 100/-)

I/we hereby certify that the ..... firm has not been ever blacklisted or penalized or not have any involvement in illegal activities or financial misappropriation/frauds etc. by any Central/ State/ Public Sector Undertaking /Autonomous bodies /Institute of Govt. of India on any account.

I/we undertake and confirm that eligible work(s) has/ have not been got executed through another contractor on back-to-back basis. Further that, if such violation comes to the notice of Institute then. I/we shall be liable for appropriate panel action as decided by Institute i/c debarred for work in institute, in future forever.

Also, if such a violation comes to the notice of Institute before date of start of work, the Engineer-in- charge shall be free to forfeit the entire amount of Earnest money deposited/Performance Guarantee.

I also certify that the information given in the bid is true and correct in all aspects and if in any case at a later date it is found that any detail/s provided are false and incorrect, any contract given to the concern firm or participation may be summarily terminated at any stage, the firm will be blacklisted and Institute may imposed any action as per rules.

Date: Name :

Place: Business Address :

Signature of Bidder with Seal of the Firm:

Form: E :: Undertaking for Valid Electrical License

To

The Sr. Executive Engineer (Civil)/ Executive Engineer (Civil),
IWD, IIT Goa.

Subject: Name of Work: ……##……

to be filled by the Contractor

Dear Sir,

Having examined the details given in the bid document, I/We hereby submit that we are not having valid electrical license as applicable, hence we hereby undertake the following:-

"I/We will either obtain valid electrical license at the time of execution of electrical work or associate eligible electrical agency having a valid electrical license of eligible class"

Signature of bidder or

an authorized person of the firm with stamp.

Form: F :: Undertaking for Association of Specialized Agencies

To

The Sr. Executive Engineer (Civil)/ Executive Engineer (Civil),
IWD, IIT Goa.

Subject: Name of Work: ……##……

to be filled by the Contractor

Dear Sir,

Having examined the details given in the bid document, I/We hereby submit that:

"If work is awarded to me, I/ we shall associate agencies (having desired credentials as mentioned in NIT) for specialized items of work, within one month from the date of receipt of award letter or as stipulated by the Engineer-in-Charge or before release of any payment by IIT Goa, 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 IIT Goa."

Signature of bidder or

an authorized person of the firm with stamp.

Form: G :: Declaration of Local Content

(To be given on company letterhead - For tenders value below Rs.10 crores)
(To be given by Statutory Auditor/ Cost Auditor/ Cost Accountant/ CA for tender value above Rs.10 crores)

To
The Sr. Executive Engineer (Civil)/ Executive Engineer (Civil/Ele),
Indian Institute of Technology Goa, At GEC Campus, Farmagudi, Ponda - Goa

Sub: Declaration of Local content Tender Reference No:_____

Name of Tender: - _____ Country of Origin of Goods being offered: _____

We hereby declare that an item offered has % local content. _____

"Local Content" means the amount of value added in India which shall, be the total value of the item being offered minus the value of the imported content in the item (including all customs duties) as a proportion of the total value, in percent.

We understand that, as per Office Memorandum dated 04/03/2021 issued by Ministry of Commerce and Industry, services such as transportation, insurance, installation, commissioning, training and after sales support like CAMC/CMC etc. are not considered as local value addition.

"False declaration will be in breach of Code of Integrity under Rule 175(1)(i)(h) of the General Financial Rules for which a bidder or its successors can be debarred for up to two years as per Rule 151 (iii) of the General Financial Rules along with such other actions as may be permissible under law.

Yours faithfully,

(Signature of the Bidder, with date and seal)

FORM-H:: Manufacturer's Authorisation Form

[The Bidder shall require the Manufacturer to fill in this Form in accordance with the instructions indicated. This letter of authorization should be on the letterhead of the Manufacturer and should be signed by a person with the proper authority to sign documents that are binding on the Manufacturer ***not later than 6 months prior to the last date of bid submission****.]*

Date : [insert date (as day, month, and year) of bid submission]

Tender No. : [insert number from invitation for bids]

To : [insert complete name and address of purchaser]

WHEREAS We [insert complete name of Manufacturer], who are official manufacturers of [insert type of goods manufactured], having factories at [insert full address of Manufacturer's factories], do hereby authorize [insert complete name of Bidder] to submit a bid the purpose of which is to provide the following Goods, manufactured by us [insert name and or brief description of the Goods], and to subsequently negotiate and sign the Contract.

We hereby extend our full guarantee and warranty in accordance with clauses & the terms and conditions of the bid document, with respect to the Goods offered by the above firm.

Signed: [insert signature(s) of authorized representative(s) of the Manufacturer]

Name: [insert complete name(s) of authorized representative(s) of the Manufacturer]

Title: [insert title]

Duly authorized to sign this Authorization on behalf of: [insert complete name of Bidder]

Dated on _____ day of _____, _____ [insert date of signing]

Appendix-1 :: Letter of Transmittal

From: M/s. ……

To

The Sr. Executive Engineer (Civil)/ Executive Engineer (Civil),
IWD IIT Goa

Subject: Submission of bids for the work of ……

Sir,
Having examined the details given in the bid document for the above work, I/we hereby submit the relevant Information.

1. I/We hereby certify that all the statement made and information supplied in Technical cum eligibility bid documents accompanying statement are true and correct.
2. I/We have furnished all information and details necessary for eligibility and have no further pertinent information to supply.
3. I/We also authorize Engineer-in-Charge to approach individuals, employers, firms and corporation to verify our competence and general reputation.
4. I/We submit the following certificates in support of our suitability, technical knowledge and capability for having successfully completed the following eligible similar works:

Name of work	Certificate from

Certificate: It is certified that the information given in the enclosed Technical cum eligibility bid are correct. It is also certified that I / We shall be liable to be debarred, disqualified / cancellation of enlistment in case any information furnished by me / us is found to be incorrect.

Enclosures: Seal of bidder

Date of submission:

Signature(s) of Bidder(s):

Appendix-2 :: Format for Bank Guarantee

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

On non-judicial stamp paper of minimum Rs.100
(Guarantee offered by Bank to IIT Goa in connection with the execution of contracts)

1. Whereas the Sr. Executive Engineer/ Executive Engineer ……**…… Institute Works Department, IIT Goa,
on behalf of the Board of Governors (here in after called "The Institute") has invited bids under …….. (NIT number)..... dated

…….. for …… (name of work) ..... The Institute

has further agreed to accept irrevocable Bank Guarantee for Rs..... (Rupees

……. only) in favour of "Registrar, IIT Goa" 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 Sr. Executive Engineer/ Executive Engineer ……**…… Institute Works Department, IIT Goa, on behalf of the Board of Governors (here in after called "The Institute")has entered into an agreement bearing number ..... with …… (name and address of the contractor) …….. (herein after called "the Contractor") for execution of work…… (name of work) …… The Institute has further agreed to accept an irrevocable Bank Guarantee for Rs. ……. (Rupees …….. only) in favour of "Registrar, IIT Goa" valid up to …….. (date) …….. as Performance Guarantee/ Security Deposit/ Mobilization Advance from the said Contractor for compliance of his obligations in accordance with the terms and conditions of the agreement.

***** to be filled by EE***

2. We, ……. (indicate the name of the bank)..... (hereinafter referred to as "the Bank"), hereby undertake to pay to the Institute an amount not exceeding Rs. …… (Rupees ……. only) on demand by the Institute within 10 days of the demand.
3. We, ……. (indicate the name of the Bank) …….., do here by undertake to pay the amount due and payable under this guarantee without any demur, merely on a demand from the Institute stating that the amount claimed is required to meet the recoveries due or likely to be due from the said Contractor. Any such demand made on the Bank shall be conclusive as regards the amount due and payable by the Bank under this Guarantee. However, our liability under this guarantee shall be restricted to an amount not exceeding Rs……. (Rupees ..... only).

4. We,…….. (indicate the name of the Bank) …….., further undertake to pay the Institute any money so demanded notwithstanding any dispute or disputes raised by the contractor in any suit or proceeding pending before any Court or Tribunal, our liability under this Bank Guarantee being absolute and unequivocal. The payment so made by us under this Bank

Guarantee shall be a valid discharge of our liability for payment there under and the Contractor shall have no claim against us for making such payment.
5. We, ……. (indicate the name of the Bank) ……., further agree that the Institute shall have the fullest liberty without our consent and without affecting in any manner our obligation here under to vary any of the terms and conditions of the said agreement or to extend time of performance by the said Contractor from time to time or to postpone for any time or from time to time any of the powers exercisable by the Institute against the said contractor and to forbear or enforce any of the terms and conditions relating to the said agreement and we shall not be relieved from our liability by reason of any such variation or extension being granted to the said Contractor or for any forbearance, act of omission on the part of the Institute or any indulgence by the Institute to the said Contractor or by any such matter or thing whatsoever which under the law relating to sureties would, but for this provision, have effect of so relieving us.
6. We, ……. (indicate the name of the Bank) …….., further agree that the Institute at its option shall be entitled to enforce this Guarantee against the Bank as a principal debtor at the first instance without proceeding against the Contractor and notwithstanding any security or other guarantee the Institute may have in relation to the Contractor's liabilities.
7. This guarantee will not be discharged due to the change in the constitution of the Bank or the Contractor.
8. We, …… (indicate the name of the Bank) ..... , undertake not to revoke this guarantee except with the consent of the Institute in writing.
9. This Bank Guarantee shall be valid up to …… unless extended on demand by the Institute. Notwithstanding anything mentioned above, our liability against this guarantee is restricted to Rs. …….. (Rupees ..... only) and unless a claim in writing is lodged with us within the date of expiry or extended date of expiry of this guarantee, all our liabilities under this guarantee shall stand discharged.

Date ……..

Witnesses:

1. Signature ……

Name and address

2. Signature ……. Name and address

Authorized signatory

Name

Designation

Staff code No. Bank seal

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

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

Appendix-3 :: Format for Guarantee Bond

GUARANTEE BOND TO BE EXECUTED BY CONTRACTORS FOR REMOVAL OF DEFECTS AFTER COMPLETION IN RESPECT OF WATER PROOFING WORKS

The Agreement made this ..... day of ..... two thousand and ..... between ..... son of ..... of ..... (hereinafter called the Guarantor of the one part) and the IIT Goa (hereinafter called "the Employer/ the Institute, 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 IIT Goa of the other part, whereby the Contractor, inter alia, undertook to render the buildings and structures in the said contract recited completely water and leak-proof.

AND WHEREAS GUARANTOR agreed to give a guarantee to the effect that the said structures will remain water and leak-proof for 05 (Five) years from date of completion of entire project.

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 five years to be reckoned from the date after the maintenance period prescribed in the contract.

Provided that the guarantor will not be responsible for 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 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 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 GUARANTOR fails to execute the water proofing or commits breach thereunder then the GUARANTOR will indemnify the principal and his successors 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 the parties.

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

Signed, sealed and delivered by OBLIGOR in the presence of
1.
2.

Signed for and on behalf of THE PRESIDENT OF INDIA by ..... in the presence of

1.

Appendix-4 :: Suggested Format for Experience Certificate

Name & address of the Client.....

Details of works executed by Shri/ M/s. .....

1. Name of work with brief particulars	
2. Agreement No. and date	
3. Estimated Cost	
4. Agreement amount	
5. Date of commencement of work	
6. Stipulated date of completion	
7. Actual date of completion	
8. Details of compensation levied for delayed completion, if any	
(a) Whether case of levy of compensation for delay has been decided or not	Yes/No
(b) If decided, amount of compensation levied for delayed completion, if any	
9. Amount of reduced rate items, if any	
10. Performance Report	
a) Quality of Work	Outstanding / Very Good / Good /Poor
b) Financial Soundness	Outstanding / Very Good / Good /Poor
c) Technical Proficiency	Outstanding / Very Good / Good /Poor
d) Resourcefulness	Outstanding / Very Good / Good /Poor
e) General behavior	Outstanding / Very Good / Good /Poor

Dated:

Executive Engineer or Equivalent

Appendix-5 :: Mandatory Tests

List of Mandatory Tests

As per CPWD Specifications

Appendix-6 :: MoU for Specialised Works[1]

MEMORANDUM OF UNDERSTANDING [M.O.U] BETWEEN

M/S [Name of the firm/agency with full address]

[Henceforth called the main contractor]

And

M/S [Name of the firm/agency with full address]

[Henceforth, called Associated specialised Agency]

For the execution of Specialised Work(s) of : *[insert name of work and agreement no.]* viz., *[insert the item of work eg., Waterproofing, HVAC etc.,]*

We state that the M.O.U. between us will be treated as an agreement and has legality as per the Indian Contract Act [amended up to date], and **IIT Goa** can enforce all the terms and conditions of the agreement for execution of the above mentioned items of specialised work. Both of us shall be responsible for the execution of said work as per the agreement to the extent this MOU allows.

In case of any dispute, either of us will go for mediation by the Institute. Any of us may appeal against the mediation to the Director, IIT Goa. His decision shall be final and binding on both of us.

We have agreed as under:

1] The associated specialised agency will execute all specialised work(s) in a wholesome manner as per the terms and conditions of the agreement and as per the direction of the Engineer-in-charge.

2] The Associated specialised agency has gone through the contract and has understood the scope of work required for the purpose of executing the specialised work(s).

3] All the machinery and equipment, tools and plants, special T&P required for execution of the

specialised work(s), as per agreement, shall be the responsibility of the associated specialised agency.

4] The site staff required for the specialised work(s) shall be arranged by the associated specialised agency as per the terms and conditions of the agreement.

5] Site order book maintained for the said work shall be signed by the authorised representative of the main contractor as well as the Associated specialised Agency.

6] All the correspondence regarding the execution of the specialised work(s) shall be done by the Department with the Associated specialised agency, with a copy to the main contractor. In the event of non-compliance with the provisions of the agreement, the main contractor and the associated agency shall be responsible. The action under GCC Clauses 2 and 3 shall be initiated and taken against the main contractor.

SIGNATURE OF MAIN CONTRACTOR SIGNATURE OF ASSOCIATED SPECIALIZED AGENCY

Date:

Place

[1] To be submitted while proposing the specialized agency for approval of the EIC.

Appendix-7 :: List of Preferred Makes

List of Preferred Makes

1. The material shall be procured as per preference of Make in India Policy and Government of India circulars / guidelines issued time to time.

2. In case the makes of certain items are missing or not available in the preferred make list, the appropriate make shall be selected with the approval of the NIT/TS approving authority. The NIT approving authority may permit an equivalent or alternate make, provided that proper justification is submitted along with documentary evidence demonstrating the nonavailability of the preferred make. If the approved equivalent or alternate make is of a lower rate, a cost adjustment in the form of recovery shall be applied at the time of approving the alternate or equivalent make. However, if the equivalent or alternate make is of a higher rate than the makes listed in the preferred make list, no cost adjustment shall be made.

3. The Contractor shall obtain prior approval from the Engineer-in- charge before placing order for any specific material or engaging any of the specialized agencies. The Contractor shall make a detailed submittal with catalogues and highlighted proposed specifications, as well as full details of the works proposed to be executed by the specialized agency, as specified.

4. All makes shall further confirm to standard specifications of each item as mentioned in technical specifications of tender documents.

5. The Engineer-In-Charge shall verify that manufacturers must have valid IS certification as on date for materials wherever applicable.
6. The phrase "***or approved equivalent***" shall be appended against the names of the makes of each material/item.

A. Civil Items:

Material / Item	Approved Make
CIVIL WORKS	
AAC Blocks	Xtralite from Ultratech, Aerocon from HIL, ECOREX, BILTECH
AAC block joining mortar	Fixoblock xtralite from Ultratech, Smartfix from Aerocon, MYK Laticrete, Ardex Endura
Acoustic Insulation (Mineral Wool)	Lloyd, Ecophone from Saint Gobain, U.P. Twiga Ltd, Rockwool India, Anuton, Knauf, Siderise
Acoustic Wooden Door	Pacific, Navair, Tesco
Acoustic Seal	Lorient, Raven, Dorma, Kelargo, Reddiplex
Acoustical Ceiling / Wall Panelling	Anutone, Ecophon - Saint Gobain, USG Boral, Armstrong,
Access panel in False ceiling	Saint Gobain, USG Boral, Knauf Denoline
Adhesive For Wood Work	Ardex Endura, Laticrete, Pidilite,
Air transfer grills	Trox, Ruskin Titus, Systemair India
Aluminium Accessories	Classic/ Argen/ Oxford/ Nulite/ Crown/ EBCO
Aluminium composite panel	Alucobond, Alstone, Alubond, Eurobond, Aludecor, Alstrong

Material / Item	Approved Make
Aluminium Sections	Hindalco, Jindal, Bhoruka, Indalco
Aluminium System Windows	Kaluco, Technal, Domal, ALCOI, Eternia from Hindalco, Alumak,
Aluminium Systems Glazing/ Curtain wall (Façade system)	Schuco, Reyners, Kawneer, Bhoruka
Aluminium D/W hardware	Alualpha, Lavaal, Giesse, Cotswold, Securistyle,
Aluminium Louvers	Hunter Douglas, Armstrong, Luxalon
Anchor Fastner, Rebar, Chemcial/ Mechanical fastner, Core - cutting, Dry stone cladding clamp, Expandable fastners	Hilti, Fischer
Anti-Termite Pesticides - (Chloropyriphos)	DE - Nocil, Bayer, Biflex-TC from FMC, Hilban from HIL
Automatic Slidding doors/ Revolving Doors	Dorma, Geze, Hafele
Acoustical Ceiling / Wall Panelling	Anutone, Ecophon - Saint Gobain, USG Boral, Armstrong, Knauf Denoline
Acoustic Wall Panel	Armstrong, Ecophon, Anutone
Access panel in False ceiling	Saint Gobain, USG Boral, Knauf Denoline, Anutone
Adhesive For Wood Work	Ardex Endura, Laticrete, Pidilite,
Aluminium Sections	Hindalco, Jindal, Bhoruka, Indalco, Global
Aluminium System Windows	Kaluco, Technal, Domal, ALCOI, Eternia from Hindalco, Alumak,
Aluminium Systems Glazing/ Curtain wall (Façade system)	Schuco, Reyners, Bhoruka or approved equivalent
Auditorium Chairs	KI Seating, Acoustika, Featherlite
Acoustical Doors	Signum, Hillpoint, Stairway Studio.
Backer Road	Supreme, Fosroc
Calcium Silicate Board	Hilux, Aerolite, Pamtech, Promatech
Cement OPC/ PPC	Ultratech, ACC, Lafarge, Bharathi, Zuari.
Cement - White	Birla, JK
Cement Fiber Board	Everest, NCL Industries (Bison Panel), Shera Board, Visaka Industries (V- Next), Century (Zykron),
Chemical Admixtures & Additives	BASF, Pidilite, Sika, Fosroc, Ecmas, Sunanda Chemicals, Mapei, Hycrete, Bal-Endura, MC Bauchemie, MYK Schomburg,
Children Play Area	Koochie or Eqivallent
Commercial ply & Board	Greenply, Archidply, Century, Duroply, Uniply, Kitply, National
Crystalline Integral Waterproofing	Kryton, Penetron, Pidilite, BASF, Fosroc, Sika, Xypex
Ceramic Fritting on Glass	Art & Glass, GSC Glass, Ashai
Cement Concrete Jali	Amusement Concrete Jali, Birla or approved equivalent
Concrete Cover Blocks	Astra, Ramtec or approved equivalent. For exposed concrete only pointed type shall be approved
Ceramic Tiles	Kajaria, RAK, Restile, Somany, Jhonson, Asian
Ceramic Tiles	Kajaria, RAK, Restile, Jhonson, Asian
Compact laminated sheet	Greenlam, Marino
Cement Concrete Jali	Amusement Concrete Jal, Birla or approved equivalent
Concrete Cover Blocks	Astra, Ramtec or approved equivalent. For exposed concrete only pointed type shall be approved

Material / Item	Approved Make
Ceiling Wall Panel	Armstrong, Ecophon, Anutone
Colour Coated Galvalume Standing Seam Roofing	Agrima Roof & Façade systems, Maxroof , Optima India
Galvalume roofing sheets and accessories	Tata Steel, JSW Steel or approved equivqlent
Door Closer	Dorma (XLC), Hafele, Yale, Geze
Door Locks, Access Control Lock	Dorma (XLC), Geze, Kich, Hafele, Assa Abloy (Yale)
Door Hardware (other than Floor spring, Closer, Locks)	Dorma (XLC), Kich, Hafele, Assa Abloy (Yale),
Door Seal – Wool pile Weather Strip	Reddiplex, Osaka rubber, Enviro Sealz, Anand
Double Side Tape, Decorative Tape	3M
Door Hardware (other than Floor spring, Closer, Locks)	Dorma (XLC), Kich, Hafele, Assa Abloy (Yale), Dorset,
EPDM Gaskets	Anand, Osaka Rubber, Roop, Bohra, Hanu, Maharashtra polymer
Epoxy Grout/ Cementitious Grout for Flooring	Ardexl Endura, MYK Latricrete, Kerakoll, Pidilite
External Paving Tiles (Cement based)	Pavit, Basant baton, Vyara, Ultra, Eurocon, Super
Expansion Joint System	3R, Kantaflex, sandfield, Deevin, Vexcolt
Expansion Filler board - Premoulded compressible	Supreme (Capcell HD100), Shalitex -STP
Fabric (Acoustic and fire rated)	Atmosphere, Palette, D'décor Fabric,Response fabric
Fire Doors	Shakti Horman, Pacific, Navier, iCLEAN - IHMS,
Fire Rated Hardware	Dorma, Hafele, Geze, Horman, Assa Abloy (Yale)
Fire Seal, Fire smoke Seal	3M, Hilti, Dorma, Sealz, Lorient, Kelargo, Raven
Fire rated Glass	Vetrotech Saint-Gobain, Pyroguard, Glaverbel, Schott - Pyran, Pyroswiss
Fire rated Glass fixing gasket, tape	Karfani, 3M
Floor Springs	Dorma (XLC), GEZE, Haffle, Assa Abloy (Yale)
Floor hardening compound	JBA, Ardex endura, Fosroc, Basf, Sika, Sunanda chemicals
Flush Door Shutter (Factory pressed laminated)	Century, Greenply, Duroply, Kitply, Uniply, Anchor
Furniture Hardware	Hettich, Hafele
Fabric (Acoustic and fire rated)	Atmosphere, Palette, D'décor Fabric, Response fabric
Fly ash for SCC : Manuguru	HWP and for other work : NTPC Ramagundam
Floor Drain	Neer, ACO, GMGR
GRC JALI	Birla GRC, MS Engineers, Ionex engineering co
Glass, Tinted Glass, High Performance Glass, Reflective Glass	Saint Gobain, Asahi, Pilkington
Glass Processing	FG, Fuso, Asahi,
Glass, Tinted Glass, High Performance Glass, Reflective Glass	Saint Gobain, Modiguard (Gujarat Guardian), Pilkington, Asahi
Glass Processing	FG, Fuso, Asahi, Saint Gobain

Material / Item	Approved Make
Glass Doors (Motorised systems / sliding system)	DORMA, Haffle,
Glass Doors (Motorised sytems/sliding system)	DORMA, Haffle
Glass Fibre Acoustical Tiles	ECOPHON, Armstrong, Anutone, AMF
Glass mosaic tiles	Italia, Bissazza, Scisis, Palidio
Grab Bars and Disabled Hardware	Cera, Jaquar, Hindware, Dorma
Gypsum plaster	Stain Gobain, Perma board or approved equivalent,
Grab Bars and Disabled Hardware	Cera, Jaquar, Hindware, Dorma
Gypsum ceiling board	Saint Gobain, Knauf, USG Boral
Gypsum plaster	Stain Gobain, Perma board approved equivalent
Glass	Saint Gobain, Modifloat, Pilkington
GI channels	Gypsteel, Anutone, Hillpoint Diamond Frames.
Honey Comb Panels	Sarey approved equivalent
Honey Comb Panels	Honeycomb India Pvt Ltd, Sarey or approved equivalent
Heavy duty Vitrified Tile 16mm	Somany , Johnson , Nitco
Laminates	Marino, Century, Greenlam, Formica, Sunmica,
Laminated Shuttering Ply	Green Ply , Century Ply, Archidply
Laminated wooden slats	Hillpoint, Anutone, Topakustik Tranquil
Masking Tapes	3M, Sun Control, Wonder Polymer. Essentra
Metal Ceilings	Luxalon, Armstrong, Hunter Douglas, Saint Gobain
Metal Doors (Non Fire rated)	Shakti Horman, Naviar, Ahlada, Metaflex, Pacific
Mineral Fibre Grid Ceilings	Armstrong, Saint Gobain (Ecophon), Anutone, USG Boral, Knauf, AMF
Mirrors	Saint Gobain, Modi Guard (Gujarat Guardian), Asahi, HNG, Pilkington
Modular Toilet Cubical - Compact laminate	Merino, Greenlam, Stylam
Metal Ceilings	Luxalon, Armstrong, Saint Gobain, Hunter Douglas, Dexune, USG Boral
Mineral Fibre Grid Ceilings	Armstrong, Saint Gobain (Ecophon), Anutone, USG Boral, Knauf, AMF, Dexune
MS Expanded metel mesh (Powder Coated)	Tata, Asian Streck Metal
Non shrink cementious precision (anchoring) grout	Fosroc, Sika, Ardex Endura, BASF
Patch Fitting	Dorma (XLC), Haffle, Geze, Hettich
PAINT - Cement Based	ICI Dulux, Berger Paints, Asian, Nerolac
Paint - Acrylic, Synthetic Enamel, Acrylic emulsion- interior and exterior	Asian Paints, Akzo Nobel (Dulux), Berger, Nerolac, Jotun
Polished Concrete Flooring	JBA, Impact flooring approved equivalent
Paint - Texture Paints (Interior, Exterior)	Asian, Jotun, ICI Dulux, Berger, Nippon
Paint - Anti microbial paint	Asian, Berger, Jotun
Paint - Fire Retardant paint	Jotun, Akzo Nobel, Viper-Nullifire, Asian
Paint - High Albedo paint/ Solar reflective paint	BASF, Jotun, Sika, Fosroc, Pidilite, Ecmas

Material / Item	Approved Make
Paint - Oil Bound Distemper & Dry Distemper	Asian Paints, AkzoNobel (ICI Dulux), Berger
Paint - PU paint, epoxy paint and	Asian, Nippon, ICI, Berger, Jotun, Nippon
Parapet Drain	Neer, Chilly,Camry
Polycarbonate Sheets & Panel system	Tuflite, Gallina India, Dan Pal (Dpi daylighting)
Polish for wooden work	MRF, Asian
Polysulphide Sealant	Fosroc, Dow corning, Sika, MC-bauchemie
Polyurethane Concrete Flooring, Epoxy flooring, Self Levelling compound	BASF, Fosroc, Ardex Endura, MYK Schomburg, Sika,
Polyurethane Overdeck insulation foam	BASF, Pidilite, Ecmas, Lloyd Insulations
Polyster Powder coating/ PVDF	Jotun, Akzo nobel (Interpon), Valspar, Asian PPG
Precast panels for Façade	Fuji -Silvertech, Elematic, Preca
Precast concrete tiles, Interlocking Paving, Brick paver, Grass/ Grid	Vyara, Basant betons, Super Decorative floorings, Ultra Tiles, Unistone, Nimco
Pre cast Concrete Landscape elements, gratings, kerb, Drain cover	Vyara, Basant betons, Super decorative floorings, KK Manholes & Gratings, Nimco
Precoated Galvanised Sheets	Tata-Blue scope, Jindal, Everest, Interarch
PT strands	DP Wires, Tata, Usha Martin
PVB/ SGP Laminate Film, Sentry film	Dupont, Saflex, Eastman , Saint Gobain, XDS
PVC continuous fillet for periphery Packing of Glazings/ Curtain Wall	Roop, Anand, Forex Plastic or approved equivalent
PVC trims	Sanjay Polymer, Tubes & Tubings
Patch Fitting	Dorma (XLC), Haffle, Geze, Hettich, Kinlong
PAINT - Cement Based	ICI Dulux, Berger Paints, Asian, Nerolac
Paint - Texture Paints (Interior, Exterior)	Asian, Jotun, ICI Dulux, Berger, Nippon
Paint - Oil Bound Distemper & Dry Distemper	Asian Paints, AkzoNobel (ICI Dulux), Berger,
Polycarbonate Sheets & Panel system	Tuflite, Gallina India, Dan Pal (Dpi daylighting),
Polysulphide Sealant	Fosroc, Dow corning, Sika, MC-bauchemie
Polyurethane Concrete Flooring, Epoxy flooring, Self Levelling compound	BASF, Fosroc, Ardex Endura, MYK Schomburg, Sika,
Precast concrete tiles, Interlocking Paving, Brick paver, Grass/ Grid Pavers	Vyara, Basant betons, Super Decorative floorings, Ultra Tiles, Unistone, Nimco
Pre cast Concrete Landscape elements, gratings, kerb, Drain cover	Vyara, Basant betons, Super Decorative floorings, KK Manholes & Gratings, Nimco
Plain gypsum plaster board	Gyproc, USG Boral, Knauf Gypsum.
Perforated gypsum plaster board	Gyproc, Knauf Danoline, Anutone
Perforated veneered wooden panels	Hillpoint , Anutone , Topakustik
Polyester wool	Anutone, Hillpoint, Prominent Insulations
Reinforcement Steel: Main Producers	SAIL, TATA (TISCO), RINL, JINDAL
Rock wool Insulation	UP Twiga, Rockwool India, Lloyd, Ecophone, Knauf,
Retro Plate System (Concrete Floor Precessing)	JBA, Impact flooring or approved equivalent
Reinforcement Steel	SAIL, TATA (TISCO), RINL, JINDAL
Signage vinyl sticker	Claude Neon, Prolite 3M

Material / Item	Approved Make
Silicon Gaskets	Sree Gaurav, Roop
Silicone Sealant	Wacker, Dow Corning, GE momentive, MC-bauchemie, Pidilite
Spider Fittings/ WCP profiles	Dorma, Hefele, Hettich, Dline, Geze
Stainless Steel	SAIL, Jindal, Salem steel
Stainless Steel Bolts, Washers and Nuts, Pressure plates, screws	Kundan, Puja, Atu, GKW, knettlefoldl
Stainless Steel Friction Stay	Giesse, Securistyle, Cotswold, Hefele
Structural Silicon sealant, Weather Silicone	Dow Corning, Momentive (GE)
Structure Steel & Hallow Section Producers only	SAIL, TATA (TISCO), RINL, Jindal steel & Power (JSPL) or approved equivalent for non-structural work
Suspended ceiling system	Armstrong, Saint Gobain, USG Boral, Knauf, Anuton
Swimming pool tile (FINA approved)	Johnson Endura or approved equivalent
Stainless Steel	SAIL, Jindal, Salem steel
Soft fibre tile with T grids	Anutone, Hillpoint, AMF, Armstrong, Ecophon
Tandur stone	Bhikshu Granimart LLP, Arihant Marbles, Natural Marble, Patel granite and marbles
Tensile Fabric Roofing	Ferrari, Saint Gobain, Melher
Tactile Guiding & Warning flooring	Johnson, Pelican ceramics, Maiara technologies
Tensile Fabric Roofing	Ferrari, Saint Gobain, Mehler,
Tiles/ Stone Adhesive	Pidilite, MYK- Latricrete, Ardex Endura, KeraKoll, Ultratech
Veneer - Natural	GreenLam, Century, Kitply
Vitrified Tiles	Kajaria, RAK, Restile, Somany, Jhonson, Asian or approved equivalent
Veneered plywood	Hillpoint, Greenply, Anchorply
Veneered wooden slats	Hillpoint , Anutone, Topakustik Tranquil
White cement based putty	Birla, JK
Water Proofing compound	Fosroc, Sika, BASF,
Water proofing membrane/ coating (PU/ Elastomeric cementitious coating)	SIKA, BASF, Fosroc, Pidilite, Sunanda Chemicals, MYK Schomburg
Other waterproofing materials	SIKA, BASF, Fosroc, Pidilite, Sunanda Chemicals, MYK, Zydex, Ardex
Water Stops - Hydrophilic Swellable rubber strip	Sika, BASF, Fosroc, Hydrotile, Penetron
Wood Wool board	Anutone, Armstrong, AMF, Himalaya Acoustic
Wooden Ceilings/ Wall panelling	Anutone, Armstrong
Wooden flooring - Engineered	Armstrong, Pergo, Mikasa, Junkers, Haro, Tarkett,
Wool Pile with Silent Film	Schlegel or approved equivalent
White cement based putty	Birla, JK,
Water Proofing compound	Fosroc, Sika, BASF,
Water proofing membrane/ coating (Poly urethane/ Poly Urea/ Elastomeric cementitious coating)	SIKA, BASF, Fosroc, Pidilite, Sunanda Chemicals, MYK Schomburg
Water Stops - Hydrophilic Swellable rubber strip	Sika, BASF, Fosroc, Hydrotile, Penetron
Wired Glass	From Locally approved glass manufacturer
KITCHEN EQUIPMENTS	

Material / Item	Approved Make
Paper Roll Holder (Wall Mounted Stand)	KIMBERLY CLARKE, EURONICS INDUSTRIES
Soap Dispenser	KIMBERLY CLARKE, EURONICS INDUSTRIES
Sink Cock	Jaquare, Hindware, Cera
Weighing Scale (Floor Model)	ACZET PRIVATE LIMITED, WENSAR SCALES, PFB
WALK IN CHILLER	CELFROST, BLUE STAR
Sink Unit	Nirali, Jayna, Hindware, Dimond or CUSTOM FABRICATED
PLUMBING WORKS	
Sanitary Ware, CP Fittings & Washroom Accessories	
Vitreous China Sanitary ware	
European Water Closet (Type 1/ 2)	Hindware / TOTO / Kohler / Parry ware / Cera
European Water Closet (Type 3)	Cera / TOTO / Kohler
Indian Water Closet (Orissa Pan)	Cera / TOTO / Kohler
Concealed Cisterns	
Concealed Cistern – Type 1	Hindware / TOTO / Kohler
Concealed Cistern – Type 2	Cera / TOTO / Kohler
Wash Basin	
Under Counter White Vitreous China Wash Basin – Type 1	Hindware / TOTO / Kohler
Under Counter White Vitreous China Wash Basin – Type 2	Cera / TOTO / Kohler
Laboratory Sink	
White Vitreous China Laboratory	Cera / TOTO / Kohler
Divyang Toilet Set	
Divyang Toilet Set – Type 1	Hindware / TOTO / Kohler
Divyang Toilet Set – Type 2	Cera / TOTO / Kohler
White Enamelled Acrylic Bath Tub	Hindware – Tiffany / TOTO / Kohler
Urinals	
White Vitreous China Urinal – Type	Hindware / TOTO / Kohler
White Vitreous China Urinal – Type	Cera / TOTO / Kohler
Ceramic Soap Dish	
White Vitreous China Recessed Type Ceramic Soap Dish	Cera / Parryware
C.P. Brass Faucets & Fittings	
C.P. Brass Faucets	Jaquar / Hindware / Kohler
C.P. Brass Fittings	Jaquar / Hindware / Kohler
Wash room accessories	Jaquar / Euronics / Kohler
Stainless Steel Ware, Fittings & Accessories	
Stainless Steel Sink	Nirali / Neelkanth / Futura
Stainless Steel Shower Seat	Euronics / Jaquar
Emergency Eye Wash & Shower	Udyogi / Vijay / Prajesh Impex
S.S. Floor Drain Grating Cover	Chilly / Neer / Futura/Camary
Internal Drainage Pipes & Fittings	
UPVC SWR Pipes & Fittings	Astral / Supreme / Ashirvad
(Ring Fit & Self Fit)	
P.P. Pipes & Fittings	Astral Silencio / Huliot / Poloplast / Rehau
Brass Floor Clean Out	Chilly / Camry / Neer

Material / Item	Approved Make
Air Admittance Valve	Ashirvad / Astral / Supreme
G.I. Perforated Strip	NECO / Kapilansh / Saint Gobain
G.I. Rubber Coated U-Clamps	Ashirvad / Astral / Supreme
G.I. Rubber Coated O-Clamps	Astral / Chilly / Intellotech
G.I. Threaded Rods	Hitech / Tata
C.I. Parapet Drain	Neer/GMGR/ACO
Water Supply Pipes & Fittings	
CPVC Water Supply Pipes	Astral / Supreme / Ashirvad
G.I. Pipes	Tata / Zenith / Jindal
HDPE Pipes	Jain Irrigation / Supreme / Oriplast / Nagarjuna
D.I. Pipes	Neco / Welspun
Pipe Insulation	Armaflex / Thermaflex
CPVC Ball Valve	Ashirvad / Astral / Supreme
Pressure Reducing Valves	Zoloto / Sant / Varie
Gun Metal Ball Valve	Zoloto / Sant / Leader
Gun Metal Wheel Operated Sluice Valve	Zoloto / Sant/ Leader
Gun Metal Gate Valve	Zoloto / Sant/ Leader
Gun Metal Butterfly Valve	Zoloto / Sant / Leader
Gun Metal Non-Return Valve	Zoloto / Sant/ Leader
Electrically Operated Actuator Valves	Zoloto / Sant / Equivalent
Cast Iron Y Strainer	Zoloto / Sant/ Leader
Electronic Water Meter	Krohne / Dwyer
Air Release Valve	Zoloto / Sant/ Leader
Pressure Gauge	Zoloto / Sant / Equivalent
Water Level Sensor / Indicator	Honeywell / Wika / Seimens
Pipe Clamps and Support	Intellotech / Fischer / Hitech / Hilti
Water Tank Air Vent with Mosquito Net	

B. Electromechanical Items:

Material/ Equipment	Approved Make
ACB	ABB, Schneider, Siemens, L&T
Battery Charger	Max. Power , CALDYNE, VOLSTAT, HBL
Batton Holder, Angle Holder Ceiling Rose	Anchor , CPL, Havells
Cable Gland	Comet , Dowell's, Jainson, HMI,
Cable Lugs	Comet, Dowell's (Biller India) , Jainson , 3D
Cable Trays	OBO ,Indiana, Legrand, Profab Engineers
BLDC Ceiling Fan	Usha , Orient, Atomberg, Havells
Control Cable (ISI Approved)	Finolex, RR Kabel, Havells, Polycab, Lapp India

Copper Conductor PVC Insulated Wires/ Stranded Flexible Wires (FRLS)	Finolex, RR Kabel, KEI, HAVELLS, POLYCAB, Lapp India
Current Transformer (Cast Resin Epoxy Coated)	Automatic Electric, Gilbert & Maxwell, Kappa, Pragati,
Cable Management System (Wire Trunking) Raceway	OBO, Legrand , MK
Distribution Boards (MCB DBs)	Legrand, Schneider, Hager, L&T, ABB
Electronic Digital Meter, Multifunction meter with LED Display.	Schneider (Conzerv), Secure, Elmeasure, HPL, L&T
Fan Box	MS Type Only as approved by E-in-C
HRC Fuse and Fuse Fitting	ABB, GE, Siemens, L&T, Schneider
Indicating Lamps	L&T, Siemens, Schneider, ABB
LED Lamp(where ever required)	Cree, Osram, Nichia, Philips.
Light Fixtures (Internal)	Philips, Wipro, Osram, Havells
Light Fixtures (External)	Philips, Wipro, Osram, Havells, Bajaj, Jaquar
Lighting Control	Lutron, Schneider, Crestron, ABB, Philips
Lightning Protection System	Dehn, OBO, ABB, L&T
MCB/RCCB / SPD/RCBO	Legrand,Schneider, Hager, L&T, Siemens, ABB
MCCB	ABB, Schneider, Siemens, L&T
Metal Clad Plug & Socket (Industrial)	Legrand, Schneider, Neptune, Mennekes, Hager, ABB
Modular Switches with accessories, Socket Outlets and Wiring Accessories with moulded Cover Plate.	Schneider(Opale), Legrand(Arteor), MK(Blenz), Havells (Athena Plus), ABB (Zenit)
MS Black Stove Enameled ERW Conduits (ISI Approved)	AKG, BEC, Steel kraft
Ready made pole	Bajaj, Philips, Schreder, Crompton
Fabricated pole/Customized pole	As per tender description
Power Distribution Panels (TTA) Totally Type Tested (As per IEC-61439 - 1 & 2)	Siemens , Schneider, ABB , L&T (Approved OEM Vendors only)
Power Distribution Panels (Non - TTA)	(Project specific Authorized / Approved OEM Vendors only)
Potential Transformer	Automatic Electric, Rishabh, Kappa, Pragati ,
Push Buttons	ABB, L&T, Schneider , Rishabh
PVC Conduit (FRLS) & Accessories (ISI Approved)	Precision ,BEC, AKG, Polycab
Power cables 1100V grade	Universal, Finolex, Polycab, Havells, Gloster
PVC Tape	Anchor, Steelgrip
Sandwiched Type Bus Duct/Rising mains	Schneider, Legrand(Zucchini), IIGM-EAE, L&T , C&S , Henikwon

Sealed Maintenance Free Batteries	Exide, HBL, Amar Raja, Hitachi
Selector Switches (ASS/VSS)	Kaycee, ABB, Siemens,Schneider, L&T, Salzer
Sensor(Occupancy Sensor)	Honeywell, Wipro, Hager, Philips, Theben
Terminal Block	Wago, Jainson, Elmex, Connectwell, Phoenix
Themoplastic Boxes	Hensel, Splesberg, OBO, Syntex, Hager
Timers	Schneider, Siemens,L&T, ABB , Theben, Legrand
UPS	Vertiv, Schneider (APC) ,Numeric, Socomec , Eaton, GE
Elevator(LIFTS)	Kone, Schindler, Mitsubishi
Exhaust Fan	Crompton, Khaitan, Havells, Orient , Atomberg
HT/ LT Jointing Kit & Termination Kits	Birla-3M, Raychem, Safe Kit M seal
VCB : 11 KV & HT Panels	ABB , Siemens, Schneider Electric ,L&T
DG SET with AMF panel	Kirloskar, Cummins, Caterpillar
Anti Vibration Mountings	Gerb, Resistoflex , Dunlop
Motors	ABB , Crompton, Siemens
Flexible Coupling	Resistoflex , Kanwal
Residential Silencer	Same as Engine make
Semi Rotary type hand fuel filling pump	Rotodel, Kitty Binks
Hybrid Capacitor Panels	P2 Power Solutions, Schneider, EPCOS
Master Plan & Parking & Plaza Light Fixtures	Bollard Lighting Preferred make Wipro/ PHILIPS / Osram Street Lighting Preferred make Wipro / PHILIPS / Osram Post Top Lighting Preferred make Wipro / PHILIPS / Osram
Geysers	AO Smith/Racold/Jaguar/Havells

ELV Systems

Material/ Equipment	Approved Makes
2 X 1.5 Sq. Mm. FRLS flexible wire/ armoured cable for Fire Detection & Alarm and PA system	FINOLEX, HAVELL'S, POLYCAB ,R.R. KABLE
F/UTP CAT6A Cabling System – Cables, IO, Patch Panels and other components	COMMSCOPE -SYSTIMAX, BELDEN, PANDUIT-PANNET, R & M
Communication Cables / Signal Cable	COMMSCOPE -SYSTIMAX, BELDEN, FINOLEX, FUSION, POLYMER
UTP CAT6 Cables (for IBMS System)	COMMSCOPE -SYSTIMAX, BELDEN, PANDUIT-PANNET, R & M

Material/ Equipment	Approved Makes
Networking Switches for IBMS System	Cisco, HP, JUNIPER
Fiber Optics Cables & Components (Data & Voice/Telecom, Single Mode – Cables, LIUs, Shelves, Pigtails, Patch-cords, Connectors, Adapters, Cassettes, Couplers, Splices/Splice closure Kit / Splice trays – Indoor / Outdoor Fiber Cabling Infrastructure	COMMSCOPE -SYSTIMAX , BELDEN, PANDUIT-PANNET, R & M
Telephone Tag Block/MDF	KRONE, POUYET
SFP Module	HPE/CISCO/DELL
Networking Racks, Data Centre racks, Distribution Racks – from sizes 15U to 42U	APW-VERO PRESIDENT, NETRACK, PANDUIT, RITTAL
Addressable Fire Alarm System (UL/CE/FM, EN/Vds Listed)	BOSCH, EDWARD, ESSAR, MIRCOM, NOTIFIER, SIEMENS, Schneider.
Public Address System	ATEIS, BOSCH, HONEYWELL, TOA
IBMS Server	DELL, HP, LENOVO
IBMS Workstation/Client PC/LED Monitor	DELL, HP, LENOVO
A3 Size Laser color Printer	CANON, EPSON, HP
IBMS Software Suite	HONEYWELL-TREND, JOHNSON CONTROLS, SCHNEIDER, SIEMENS, TRANE
Standalone 32 bit BacNet Based DDCs & Modbus/ BacNet Integrators, Gateways, Routers, Network area controller	HONEYWELL-TREND, JOHNSON CONTROLS, SCHNEIDER, SIEMENS, TRANE
DDC Panel (Enclosure)	BHARTIYA CUTLER HAMMER, RITTAL, SCHNEIDER ELECTRIC
DP Sensor – Water	DWYER, HONEYWELL, HUBA CONTROL, JOHNSON CONTROLS, OMICRON, SCHNEIDER, SIEMENS, TRANE
DP Switch – Air	DWYER, HONEYWELL, JOHNSON CONTROLS, OMICRON, SCHNEIDER, SIEMENS
DP Switch - Water	DWYER, HONEYWELL, JOHNSON CONTROLS, OMICRON, SCHNEIDER, SIEMENS, TRANE
Duct / Room Humidity Sensor	DWYER, HONEYWELL, JOHNSON CONTROLS, OMICRON, SCHNEIDER, SIEMENS, TRANE
Duct / Room Temperature Sensor	DWYER, HONEYWELL, JOHNSON CONTROLS, OMICRON, SCHNEIDER, SIEMENS, TRANE
Duct Static Pressure sensor – Air	DWYER, HONEYWELL, JOHNSON CONTROLS, OMICRON, SCHNEIDER, SIEMENS, TRANE
Immersion Temperature Sensor	DWYER, HONEYWELL, JOHNSON CONTROLS, OMICRON, SCHNEIDER, SIEMENS, TRANE
Outside Air Temperature Sensor	DWYER, HONEYWELL, JOHNSON CONTROLS, OMICRON, SCHNEIDER, SIEMENS, TRANE
Hardness/TDS/PH Analyzer	ABB, EMERSON, FORBES MARSHAL, HACH, JUMO, KELE, OMICRON, THERMO SCIENTIFIC, YOKOGAVA

Material/ Equipment	Approved Makes
Pressure Sensor – Water	DWYER, HONEYWELL, HUBA CONTROL, JOHNSON CONTROLS, OMICRON, SCHNEIDER, SIEMENS, TRANE
Terminals/Lugs	PHOENIX, WAGO
Water Flow Switch	DWYER, HONEYWELL, JOHNSON CONTROLS, OMICRON, SCHNEIDER, SIEMENS, TRANE
Level Switch/Flameproof Level Switch	BANNER, GENERAL INSTRUMENTS CONSORTIUM, LEVCON INSTRUMENTS PVT. LTD.,MAGNETROL INDUSTRIAL INC., NIVELCO, OMICRON
Manageable Network switch	ARUBA/CISCO/HPE
POE Switch	ARUBA/CISCO/HPE
Distribution switch	ARUBA/CISCO/HPE
Wifi Access Point	ARUBA/CISCO/HPE

HVAC Systems

Material/ Equipment	Approved Make
'TF' Quality expanded polystyrene	Beardsell/ Styrene/ Toshiba
2-way/ 3-way Modulating Valves and Thermostat	Johnson Controls/ Siemens/ Honeywell/ Danfoss/ Belimo
Air handling Units /treated fresh air units	Zeco/ Edgetech/ VTS/ Systemair/ Citizen
Air Washer / Scrubber	Zeco/ Edgetech/ Systemair/ Ravi Aircon/ Citizen
Radiant cooling system	GIACOMINI /REHAU / OVENTROP
Dehumidifier	Bryair
BTU Meter	FORBES MARSHAL, HONEYWELL, KAMSTRUP, OMICRON, SIEMENS, SHINETECH
Air Separator	Anergy/ Xylem/ Armstrong
Al. Sheets	Hindalco/ Balco/ Nalco
Aluminum tape	Johnson/Birla 3M
Anchor/Fastener	Hilti/Fisher/ Rawl Plug
Auto Air Vent	Anergy/ Rapid Cool/ SKS/ SANT/ Honeywell
Balancing Valves	Advance /Honeywell/ Danfoss/ Castle
Ball Valves set with & without Y strainer For FCU	Honeywell/ Emerald/ Zoloto/ Sant Industries
Butterfly Valves & Ball Valve	Audco/ Oventrop/ Advance/ Honeywell/Zoloto
Cabinet Fans	Zeco/ Edgetech/ Systemair/ Citizen
Centrifugal Fans for ventilation/ AHUs/ Air washer/ Scrubber	Kruger/ Nicotra/ Comefri/ Green heck

Material/ Equipment	Approved Make
Check Valves	Advance/ Honeywell/ Oventrop/Castle/ Emerald
Closed Cell Nitrile rubber insulation/ EPDM insulation	Armacell / K- Flex/ A-Flex
Differential Pressure Switch (Water)	Johnson/ Staefa/ Honeywell/ Huba
Expansion Bellows/ Pipe Supports/ Vibration Isolators/ Duct Flexile Connections	Resistoflex/ Kanwal (Easyflex)/ Cori
Fan coil Units	Zeco/ Edgetech/ VTS/ Systemair/ Citizen
Filters (Pre, Fine, Hepa)	Spectrum/ AAF/ Camfil/ Thermadyne
Flexible Duct	Twiga/ Atco/ Kimmco
Fibre Glass Insulation	Owens corning/U.P.Twiga
Flow switch	Rapid cool/ Siemens/ Anergy
FRP Material	Reichhold/ Equivalent
G.I. Pipes	Sail/ Tata/ Jindal
G.I. Sheets	Sail/ Tata/ Jindal
Grills/ Diffusers/ Fire Dampers/ Louvers/ Volume Control Dampers/ Back Draft Dampers/ Sound attenuator	Systemair/ Titus/ Brightflow/ Caryaire/ Tristar/ Cosmos/Trox
GSS Factory Fabricated Ducts/ Duct Flanges	Rolastar/ Zeco/ Ductofab/ Ecoduct/ Dustech
Inline Fans	Kruger/ Green heck/ Air flow/ Caryaire/ Systemair/ Maico
M.S. Pipes	Tata/ Jindal Hissar / Sail
M.S. Sheets	Sail/ Tata/ Jindal
Motorized Actuator For Valves & Damper	Belimo/ Honeywell/ Siemens/ Johnson Controls
Motorized Butterfly valves	Johnson Controls/ Oventrop/ Belimo/ Siemens
Motors	ABB/ Siemens/ CGL/ BBL
PIBC Valves	Danfoss/ Oventrop/ Siemens/ TA
Plug Fans	Ziehlabegg/ Kruger/ Nicotra
Pot/Y-Strainers	SM/ Sandhu/ Emerald/ Zoloto/ Honeywell
PPGL sheets for Ducts	JSW/ Shreya Polymers/ Malur Tube/ HV metal Arc
PPGL Ducts Manufacturer	Corrosion Control equipment/ Sagar Plastic/ Ppi projects/ Citizen
Pressure Gauge	Feibig/ H. Guru/ Emerald
Pressure Relief Dampers	Trox/ Titus/ Systemair
Propeller Fans	Kruger/ Green heck/ Air flow/ Caryaire/ Systemair/ Maico
Puff pipe support	Malanpur/ lloyd/ Beardsell
PVC Eliminators	Munterz/ BKB extrusions
PVC Pipes	Finolex/ Prince/ Supreme/ KML Classic
Refrigerant Piping	Mandev/ Rajco/ Indigo/ RR Shramik
Rock Wool insulation	Roxul-Rockwool/ Rockwool india/ Lloyd
Screw Water chilling machine	Carrier/Trane/York/Daikin-Mcquay
Spiral Round/ Oval ducts	GP Spira/ Dustech/ Ductofab
Split / Window AC	Carrier/ Daikin/ Hitachi / Toshiba/LG/Blue star
VRF	Toshiba/Daikin/ LG/Samsung/ Mitsubishi Electric
Star bond/Lag Protective Coating	Paramount polytreat/ Pidilite
Thermometers	Feibig/ H. Guru/ Emerald

Material/ Equipment	Approved Make
Tube Axial flow Fans	Kruger/ Green heck/ Air flow/ Nicotra/ Systemair/ Maico
Air curtain	Euronics/ Cosyst/ Systemair/Russel Airflow/ Dyna
Vane Axial flow Fans	Kruger/ Green heck/ Air flow/ Nicotra/ Systemair/ Maico
Variable frequency drive	ABB/ ALLEN BRADLEY/ DANFOSS/ Siemens
VAV Boxes	Trox/ Trane/ Johnson Controls
Water Pumps	Armstrong/ Xylem/ Grundfos
Welding Rods	Advani/ L&T/ ESAB
HVLS Fans	Nutech/ Ecoair/ RREL
Chiller plant manager	Daikin/ York/ TRANE/ Carrier/ Siemens/ Honeywell
Makeup water Tank	Sintex/ Supreme/ Plasto
Chilled water Hi wall	Bhutoria/ Cruise/ GE Tech/ Daikin
Electrostatic precipitator for Scrubber	Trion/ Rydair
Auto tube cleaning system	CET ENVIRO/Ecomax/Ecoair
Note:-All electrical items makes to be considered from electrical list of makes	

Fire-fighting systems

Material/ Equipment	Approved Make
Air Vessel	Fabricated
Batteries	AMCO / Amar Raja / Exide
Sluice Valve	Audco / Leader / Sant / Zoloto
Branch pipe & Coupling	Minimax / Newage / Swati / Safex / SBJ / Winco
Fire Pumps	Grundfos / Mather & Platt - Wilo / Xylem / Kirloskar
Coating wrapping material for underground pipe	IWL / STP / Tikidan
Diesel Engine	Caterpillar / Greaves / KOEL / Cummins
Fire Alarm Valve	HD / Newage / Tyco / Viking
Fire Bridged Inlet Connection	Minimax / Newage / Safex / Shah Bhogilal Jethalal
Fire Extinguishers	Cease Fire / Minimax / Safex
Flow Switch	Honeywell / Potter / Switzer / Danfoss / Newage
Ball Valve	Leader / Sant / Zoloto
Hydrant Valve	Minimax / Newage / Safex / Shah Bhogilal Jethalal
Hose Pipe	Minimax / Newage / Safex / Shah Bhogilal Jethalal
Hose Reel	Minimax / Newage / Safex / Shah Bhogilal Jethalal
Hose Box	Minimax / Newage / Safex / Shah Bhogilal Jethalal
Sprinklers & Flexible Hose	HD / Viking / Tyco / Newage
Kitchen Fire Suppression System	UL Listed of approved make

Mechanical Works

Material/ Equipment	Approved Make

Electro-mechanical Equipment's & Plants	
Pumps	
Motors	Xylem / Grundfos / Wilo / Kirloskar
Hydro Pneumatic System	Xylem / Grundfos / Wilo / Kirloskar
Submersible Pumps	Xylem / Grundfos / Wilo / Kirloskar
De watering Pump for Rain water	Xylem / Grundfos / Wilo / Kirloskar
Mud pump for Drainage	Xylem / Grundfos / Wilo / Kirloskar
Drinking Water Equipment's	
Domestic UV system	Aquila / Kent / Eureka Forbes
Water Cooler	Blue Star/ Voltas/ Usha
Drinking Water Combined System of Cooler with R.O. Plant	Blue Star/ Oasis/ Voltas/ Aquatek
Hot Water Equipment's	
Electric Geyser	A O Smith / Racold / Jaquar
Heat Pump H.W.S.	A O Smith / Daikin / Racold/ BOSCH
Solar HWG	Racold / BOSCH/EMMVEE/RASHMI
Thermostat	Honeywell / Zoloto / Sant
Temperature Gauges	Honeywell / Zoloto / Sant
Hand drier	Jaquar / Euronics/Kohler

Amendments to GCC Construction Works 2023

(till Aug 2026)

केन्द्रीय लोक निर्माण विभाग

कार्यालय ज्ञापन

No. DG/CON/Construction 2023/01

ISSUED BY THE AUTHORITY OF DIRECTOR GENERAL, CPWD

Nirman Bhawan, New Delhi Dated: 10.11.2023

Sub: Modification in GCC Construction Works - 2023, Receipt and refund of EMDs online through e-gateway of SBI for e-tendering as pilot cases – reg.

The provision on earnest money deposit (EMD) through e-tendering is modified as under and shall only be applicable for C, E, I, N and Central Secretariat Divisions under ADG (Delhi) as pilot cases with immediate effect:-

Existing Provision	**Modified Provision**
CPWD-EPC CPWD-7/8 GOVERNMENT OF INDIA CENTRAL PUBLIC WORKS DEPARTMENT Percentage Rate Tender/Item Rate Tender & Contract for Works TENDER 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	CPWD-EPC CPWD-7/8 GOVERNMENT OF INDIA CENTRAL PUBLIC WORKS DEPARTMENT Percentage Rate Tender/Item Rate Tender & Contract for Works TENDER I/We have deposited EMD **through online payment mode** for the prescribed amount as per the bid document. **In respect of portion of EMD prescribed in the shape of BG, the scanned copy of original Bank Guarantee including e-Bank Guarantee (as applicable) of any commercial bank having validity for a period of 90 days for single bid and 180 days for two bid systems or more from the last date of receipt of bids (strike out as the case may be), is to be uploaded.** If I/We, fail to.....

This is issued with the approval of DG CPWD.

10.11.2023

(वी. पी.साहू)

अधीक्षण अभियंता (सी.एंड एम.)

Issued from file No. CSQ/CM/17(1)/2023/ Construction e-file 9134857

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)।

10/11/2023

R.K. JAIN

(EE (Contact)

(1/2)

Central Public Works Department
Office Memorandum
No. DG/CON/Construction-2023/02
ISSUED BY THE AUTHORITY OF DIRECTOR GENERAL, CPWD

Nirman Bhawan, New Delhi **Dated: 14.11.2023**

Subject: Amendments in Clause 32, Schedule F of Clause 11 and 32 of GCC 2023 Construction Works.

The following amendments in Clause 32, Schedule F of Clause 11 and 32 are made in the GCC 2023 for Construction Works.

Existing Provision	Modified Provision
Clause 32 Employment of Technical Staff and employees	**Clause 32 Employment of Technical Staff and employees**
Contractors Superintendence, Supervision, Technical Staff & Employees	Contractors Superintendence, Supervision, Technical Staff & Employees
Sl. No. (i) and (iii)	No change
(iv) No Provision	**(iv) Building Information Model (BIM) professional shall be deployed by the contractor for the projects wherever required as mentioned in Schedule F.** **The BIM professional shall be available for the work as and when required by Engineer-in-Charge.** **The BIM professional will study 3D architectural models, architectural drawings generated from 3D models, service drawings and structural drawings.** **The BIM professional will interact with architects, planning & site engineers to get the clashes removed.** **The recovery shall be made from bill of contractor in case of non-deployment of BIM Professionals/technical staff as mentioned in Schedule 'F' of NIT without giving any notice in writing.** **The decision of Engineer-in-Charge in this respect is final and binding on the contractor.**

14/11/2023
R.K. JAIN
(EE (Contact)

SCHEDULE 'F' **Clause 11** Specifications to be followed for execution of work ..... **No provision**	**SCHEDULE 'F'** **Clause 11** Specifications to be followed for execution of work ..... i. **Building information model (BIM) is applicable and BIM professional to be deployed by contractor ..... (NIT approving authority to write Yes or No)**
SCHEDULE 'F' **Clause 32 Requirement of Technical Representative(s) and recovery Rate** 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. **No Provision**	**SCHEDULE 'F'** **Clause 32 Requirement of Technical Representative(s) and recovery Rate** **No Change**. **No Change**. **Minimum recovery for not deploying Building Information Model (BIM) professional shall be Rs. two lac per month or as mentioned above, whichever is higher.**

This issues with the approval of DG CPWD.

14.11.2023
(V.P. Sahu)
Superintending Engineer (C&M)

Issued from file No. CSQ/CM/17 (1)/2023/Construction e-file 9162768

All CPWD and PWD officers for information and necessary action. (Through CPWD website).

14/11/2023
R.K. JAIN
(EE (Contact)

Central Public Works Department
Office Memorandum
No. DG/CON/Construction 2023/03
ISSUED BY THE AUTHORITY OF DIRECTOR GENERAL, CPWD

Nirman Bhawan, New Delhi Dated 06.12.2023

Subject: Modifications in Clause 12 and Schedule F for Clause 12 of GCC 2023 for Construction Works

The following amendments are made in the GCC 2023 Construction Works.

Existing provision	Modified provision
CONDITIONS OF CONTRACT **Definitions** 2. In the contract, the following expressions shall, unless the context otherwise requires, have the meanings, hereby respectively assigned to them:- (i) to (xv) (xvi) No provision (xvii) No provision	**CONDITIONS OF CONTRACT** **Definitions** 2. In the contract, the following expressions shall, unless the context otherwise requires, have the meanings, hereby respectively assigned to them:- (i) to (xv) **No change** **(xvi) Extra items** are those items which are not available in the contract. a. **Non Schedule Extra Items** are those items which are not available in the Standard Schedule 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. **(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.**
Clause 12 Deviations/ Variations Extent and Pricing The Engineer-in-Charge shall have power (i) to make alteration in, omissions from, additions to, or substitutions for the original specifications, drawings, designs and instructions that may appear to him to be necessary or advisable during the	**Clause 12 Deviations/ Variations Extent and Pricing** No Change

06/12/2023
R.K. JAIN
(EE (Contact)

progress of the work, and (ii) to omit a part of the works in case of non-availability of a portion of the site or for any other reasons and the contractor shall be bound to carry out the works in accordance with any instructions given to him in writing signed by the Engineer-in-Charge and such alterations, omissions, additions or substitutions shall form part of the contract as if originally provided therein and any altered, additional or substituted work which the contractor may be directed to do in the manner specified above as part of the works, shall be carried out by the contractor on the same conditions in all respects including price on which he agreed to do the main work except as hereafter provided.	
The completion cost of any agreement for Maintenance works including works of upgradation, aesthetic, special repair, addition/ alteration should not exceed 1.25 times of Tendered amount. Any further deviation beyond this limit upto 1.5 times of tendered amount shall be approved by the authority mentioned in schedule 'F' with recorded reason and in exceptional case, ADG shall have full power to approve the deviation beyond 1.50 times of tendered amount with recorded reason and take suitable corrective action.	**Deleted**
No provision	**The completion cost shall, in no case, exceed 1.5 times the contract amount.** **Contractor will devise a system to keep a watch on quantum of work taken up vis-a-vis balance items required to complete defined scope of work and will give the alerts to Engineer-in-Charge before taking up extra items, deviations so that completion cost does not exceed above limit. Work executed beyond above limit will neither be recorded nor be paid.**

06/11/2023
R.K. JAIN
(EE (Contact)

	Engineer-in-Charge will verify and confirm the alerts before assigning deviations and / or extra items to the contractor. If additional work(s) is required to complete defined scope of work beyond above limit then Engineer-in Charge may take up such work(s) separately. The contractor will not have any claims whatsoever on this account.
12.1 The time for completion of the works shall, in the event of any deviations resulting in additional cost over the tendered value sum being ordered, be extended, if requested by the contractor, as follows : i. In the proportion which the additional cost of the altered, additional or substituted work, bears to the original tendered value plus ii. 25% of the time calculated in (i) above or such further additional time as may be considered reasonable by the Engineer-in-Charge	12.1 The time for completion of the works shall, in the event of any deviations **and extra items** resulting in additional cost over the **contract amount will** be extended, if requested by the contractor, as follows : i. In the proportion **to** the additional cost of work, bears to the original **contract amount** plus ii. 25% of the time calculated in (i) above.
12.2 Deviation, Extra Items and Pricing In the case of extra item(s) (items which are not available in the contract), the contractor may within fifteen days of the receipt of order or occurrence of the item(s), submit claim for market rate(s), supported with proper analysis of rate and manufacturer's specification for the work, invoices, vouchers, etc. (as applicable), failing which the rate(s) approved later by the Engineer-in-Charge shall be final and binding. Where the contractor submits claim for market rate(s) in the manner prescribed above, the Engineer-in-Charge shall, within 45 days of the receipt of the claims, after giving consideration to the analysis of	**12.2 Deviation, Extra Items and Pricing** **a) Non Schedule Extra Items** - The contractor may, within fifteen days of the receipt of order **to execute extra item** or occurrence of the item(s), submit **analysis of rate of extra item(s) based on the rates of materials available in basic rate of Standard Schedule of Rate mentioned in schedule F and market rates of the materials which are not available in standard schedule of rate mentioned in schedule F. For this purpose, the basic rate of materials available in Schedule of Rates mentioned in Schedule F will be enhanced or reduced by the applicable cost index, as the case**

06/12/2025
R.K. JAIN
(EE (Contact)

rates and other documents submitted by the contractor, determine the rates on the basis of the market rates and the contractor shall be paid in accordance with the rates so determined.	**may be.** **The rates of the materials which are not available in Standard Schedule of Rates, mentioned in Schedule F, shall be based on, tax paid bills for the material as defined in** manufacturer's specification. **Material rates from Standard Schedules of Rates shall be given priority in the analysis of rates.** **The rate of extra item will be:-** i. **Analyzed rates as above multiplied by (tender amount divided by estimated cost put to tender), if tendered amount is below the estimated amount put to tender.** ii. **Analyzed rate, if the tendered amount is above the estimated amount put to tender.** Failing which the rate(s) approved later by the Engineer-in-Charge shall be final and binding. Where the contractor submits **analysis of rate of extra items** in the manner prescribed above, the Engineer-in-Charge shall, within **60** days of the receipt of the **analysis of rate**, after giving consideration to the analysis of rates and other documents submitted by the contractor, determine the rate(s) **of extra items.** The contractor shall be paid in accordance with the rates so determined. **However provisional rates on the basis of invoice will be allowed by the Engineer-in-Charge. Invoice shall be accepted only for materials not available in the Standard Schedule of Rates mentioned in Schedule F. The extra items rate shall be finalized only after submission of tax paid bills by**

R.K. JAIN
(EE (Contact)

	the contractor to the Engineer-in-Charge as required above. The Engineer-in-Charge may apply the discount available in the market on the rate of materials taken from tax paid bills.
(b) No Provision	**b) Scheduled Extra Items** **i. For percentage rate tenders, the 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. For item rate tenders, the extra item(s) shall be paid as per the said schedule rate enhanced or reduced by the applicable cost index and multiplied by (tender amount divided by estimated cost put to tender).**
The rate(s) of extra items so determined by the Engineer-in-Charge shall be final and binding on the contractor, and shall not be arbitrable.	**Deleted**

06/14 2023
R.K. JAIN
(EE (Contact)

Deviation, deviated quantities, Pricing In the case of contract items which exceed the limit laid down in Schedule F, the contractor may within fifteen days of the receipt of order or occurrence of the excess, claim revision of the rates, supported with proper analysis of rate and invoices, vouchers, etc. (as applicable), for the quantity in excess of the above-mentioned limit. The Engineer-in-Charge shall within 45 days of receipt of the claims, after giving consideration to the analysis of rates and other documents submitted by the contractor, determine the rates on the basis of the market rates and the contractor shall be paid in accordance with the rates so determined. The rate(s) so determined by the Engineer-in-Charge shall be final and binding on the contractor, and shall not be arbitrable.	**c) Deviation, deviated quantities, Pricing** In the case of contract items which exceed the limit laid down in Schedule F, the contractor may within fifteen days of the receipt of order or occurrence of the excess, claim revision of the rates, supported with proper analysis of rates **and other documents, as per procedure described in para 12.2(a) or 12.2(b)** (as applicable), for the quantities in excess of the above-mentioned limit. The Engineer-in-Charge shall within 45 **60** days of receipt of the claims, after giving consideration to the analysis of rates and other documents submitted by the contractor, determine the rates and the contractor shall be paid in accordance with the rates so determined. **In case, the contractor fails to submit his claim for revision of rates within 15 days of the receipt of order or occurrence of the excess, the Engineer-in-Charge shall determine the rate(s) of such items in accordance with para 12.2 (a) and 12.2 (b) without giving any notice to the contractor. The rates so determined by the Engineer-in-Charge shall be final and binding.** The rate(s) **of extra items and deviated items** so determined by the Engineer-in-Charge shall be final and binding on the contractor.
12.3 In the case of contract items which exceed the limit laid down in Schedule F, the Engineer-in-Charge shall after giving notice to the contractor within 30 days of submission of that bill by the contractor which contains such item(s), and after taking into consideration any reply received from the contractor within 15 days of the issue of such notice, reduce the rate for quantity in excess of the above-mentioned limit on the basis of market rates, within 30 days of the expiry	**Deleted**

06/14/2023
R.K. JAIN
(EE (Contact)

of the said period of 15 days, and the contractor shall be paid in accordance with the rates so determined. The rate(s) so determined by the Engineer-in-Charge shall be final and binding on the contractor, and shall not be arbitrable	
12.4 The cost of any operation necessarily ..... admissible for such operations.	**12.3** The cost of any operation necessarily ..... admissible for such operations.
12.4 No provision	**12.4 Cost index** **Latest available Cost index at the time of beginning of execution of extra item and deviation shall be used in sub-clauses 12.2 (a), 12.2 (b) and 12.2 (c) for calculation of rates of extra items.**
12.5 No provision	**12.5 Labour rates** **Labour rates will be based on latest available circulars issued by Central Govt. or State Govt. whichever are higher as well as applicable for the work.**
PROFORMA OF SCHEDULES (Separate Performa for Civil, Elect.& Hort. Works in case of Composite Tenders) **SCHEDULE 'F'** **Clause 12** Authority to decide deviation upto 1.5 time of tendered amount	**PROFORMA OF SCHEDULES (Separate Performa for Civil, Elect.& Hort. Works in case of Composite Tenders)** **SCHEDULE 'F'** **Clause 12** Deleted
12.2 & 12.3 Deviation Limit beyond which clauses12.2 & 12.3 shall apply for building work	12.2 **(c)** Deviation Limit beyond which clauses12.2 **(c)** shall apply for building work .....

R.K. JAIN 06/12/23
(EE (Con...))

12.4 (i) Deviation Limit beyond which clauses 12.2 & 12.3 shall apply for foundation work (except items mentioned in earth work subhead in DSR and related items) ..... (ii) Deviation Limit for items mentioned in earth work subhead of DSR and related items	(i) Deviation Limit beyond which clauses 12.2 **(c)** shall apply for foundation work (except items mentioned in earth work subhead in DSR and related items) ..... (ii) Deviation Limit for items mentioned in earth work subhead of DSR and related items .....

This OM is applicable for all NITs issued w.e.f. date of issue of this OM. This issues with the approval of DG CPWD.

06.12.2023

(V.P. Sahu)

Superintending Engineer (C&M)

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

All CPWD and PWD officers for information and necessary action.

(Through CPWD website.

06/12/2023

R.K. JAIN

(EE (Contact)

केन्द्रीय लोक निर्माण विभाग

कार्यालय ज्ञापन

No. DG/CON/Construction 2023/04

ISSUED BY THE AUTHORITY OF DIRECTOR GENERAL, CPWD

Nirman Bhawan, New Delhi Dated: 08.12.2023

Subject: Modifications in Conditions of Contract, Clause 5 and schedule F in clause 5 of GCC 2023 Construction Works

The following amendments are made in the GCC 2023 for Construction works.

Existing Provision	Modified Provision
CONDITIONS OF CONTRACT **Definitions** 2. In the contract, the following expressions shall, unless the context otherwise requires, have the meanings, hereby respectively assigned to them:- (i) to (xvii) (xviii) No provision	**CONDITIONS OF CONTRACT** **Definitions** 2. No change:- (i) to (xvii) No Change **(xviii) Concurrent delay: Concurrent delays are those delays occurring in the work concurrently in any combination or combination of all delay fall under different sub clauses 5.2, 5.3 and 5.5.**
Clause 5 Time and Extension for Delay The time allowed for execution of the Works as specified in the Schedule 'F' or the extended time in accordance with these conditions shall be the essence of the Contract. The execution of the work shall commence from such time period as mentioned in schedule 'F' or from the date of handing over of the site, notified by the Engineer-in-Charge, whichever is later. If the Contractor commits default in commencing the execution of the work as aforesaid, the performance guarantee shall be forfeited by the Engineer in Charge and shall be absolutely at the disposal of the Government without prejudice to any other right or remedyavailable in law.	**Clause 5 Time and Extension for Delay** The time allowed for execution of the Works as specified in the Schedule 'F' or the extended time in accordance with these conditions shall be the essence of the Contract. The execution of the work shall commence from such time period as mentioned in schedule 'F' or from the date of handing over of the site, notified by the Engineer-in-Charge, whichever is later. If the Contractor commits default in commencing the execution of the work as aforesaid **and such default continues even after time period specified in the notice in writing by the Engineer-in-Charge then** the performance guarantee shall be forfeited by the Engineer-in-Charge and shall be absolutely at the disposal of the Government without prejudice to

R.K. JAIN
(EE (Contact))

	any other right or remedy available in law. **The contract shall stand determined when such decision of forfeiture of the performance guarantee is issued to the contractor.**
5.1 As soon as possible but within 7 (seven) working days of award of work and in consideration of a. Schedule of handing over of site asspecified in the Schedule 'F' b. Schedule of issue of designs as specified in the Schedule 'F', i. the Contractor shall submit a Time and Progress Chart for each mile stone. The Engineer-in-Charge may within 7 (seven) working days thereafter, if required modify, and communicate the program approved to the contractor failing which the program submitted by the contractor shall be deemed to be approved by the Engineer-in- Charge. The Chart shall be prepared in direct relation to the time stated in the 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. ii. In case of non-submission of construction programme by the contractor, the program approved by the Engineer-in-Charge shall be deemed to be final.	5.1 **The contractor** as soon as possible but within 7 (seven) days of **issue of letter of** award of work **shall submit a time and progress chart to the Engineer-in-Charge. Such chart shall be made in due** consideration of a. Schedule of handing over of site as specified in the Schedule 'F' b. Schedule of issue of design**(s) and drawing(s)** as specified in the Schedule 'F', i. The Contractor shall submit a Time and Progress Chart for each milestone. The Engineer-in-Charge may within 7 (seven) days **of receipt of such chart, make modifications thereafter,** if **any,** and communicate the approved **chart** to the contractor, failing which the **chart** submitted by the contractor shall be deemed to be approved by the Engineer-in- Charge. The Chart shall be prepared in direct relation to the time stated in the 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. ii. In case of non-submission of **time and progress chart** by the contractor, the **chart prepared by the** Engineer-in- Charge shall be deemed to be final.

R.K. JAIN 08/14/2023
(EE (Contact)

iii. The approval by the Engineer-in-Charge of such programme shall not relieve the contractor of any of the obligations under the contract.	iii. The approval by the Engineer-in-Charge of such programme shall not relieve the contractor of any of the obligations under the contract.
iv. The contractor shall submit the Time and Progress Chart and progress report using the mutually agreed software or in other format decided by Engineer-in-Charge for the work done during previous month to the Engineer-in-charge on or before 5th day of each month failing which a recovery as per Schedule F to be decided by the NIT approving authority shall be made on per week or part basis in case of delay in submission of the monthly progress report	**iv.** The contractor shall submit the Time and Progress Chart **containing upto date progress of work** using the mutually agreed software or in **the** format decided by Engineer-in-Charge. **Such chart shall be submitted by the contractor on or before 5th day of each month failing which a recovery as mentioned in Schedule 'F' shall be made at the earliest from running account bill without any notice in this regard.**
v. **No provision**	**v. While recording the hindrances in the progress of the work, due consideration should be given to the cause of hindrance. The hindrances shall be segregated in following categories :** **a) delays due to reasons beyond the control of both parties (sub-clause 5.2)** **b) delays attributable to the Department and concurrent delays (sub-clause 5.3).** **c) delays solely attributable to the contractor (sub-clause 5.5)**
5.2 If the work(s) be delayed by:- i. force majeure, or ii. abnormally bad weather, or iii. serious loss or damage by fire, or iv. civil commotion, local commotion of workmen, strike or lockout, affecting any of the trades employed on the work, or v. delay on the part of other contractors or tradesmen engaged by Engineer-in-Charge in	**5.2 Delays due to reasons beyond the control of both parties:** If the work(s) delayed by:- i. force majeure, or ii. abnormally bad weather, or iii. serious loss or damage by fire, or iv. civil commotion, local commotion of workmen, strike or lockout, affecting any of the trades employed on the work, or v. delay on the part of other contractors or tradesmen engaged by Engineer-in- Charge in

R.K. JAIN
(EE (Contact)

executing work not forming part of the Contract, or vi. any other cause like above which, in the reasoned opinion of the Engineer-in-Charge is beyond the Contractor's control	executing work not forming part of the Contract, or vi. any other cause like above which, in the reasoned opinion of the Engineer-in-Charge is beyond the Contractor's control.
Then upon the happening of any such event causing delay, the contractor shall immediately give notice thereof in writing to the Engineer-in-Charge but shall nevertheless use constantly his best endeavours to prevent or make good the delay and shall do all that may be reasonably required to the satisfaction of the Engineer-in-Charge to proceed with the works.	Then upon the happening of any such event causing delay, the contractor shall **within 03 (three) days** give **online** notice thereof **through ERP Portal** to the Engineer-in-Charge but shall nevertheless use constantly his best endeavors to prevent or make good the delay and shall do all that may be reasonably required to the satisfaction of the Engineer-in-Charge to proceed with the work(s). **The contractor shall have no claim on account of any hindrance in case notice(s) are not given by the contractor through ERP portal.** **The Engineer-in-Charge, on receipt of such notice(s) after considering the factual ground situation, shall either acknowledge or reject the notice(s)** **In case of rejection, the reason(s) for rejection shall be communicated by Engineer-in-Charge to the agency.** **The decision of Engineer-in-Charge with regard to nature of event causing delay, its start date and end date, as has been finalized during acknowledgement of notice, shall be final and binding.** **The end date of such events shall be recorded by Engineer-in-Charge either during acknowledgment of notice or subsequent to acknowledgement if end date of hindrance is after the date of acknowledgement of notice.** **In absence of notice by the contractor, Engineer-in-Charge or his representative(s) may record the events causing delay within 05 (five)**

R.K. JAIN
(EE (Contact)

	days of occurrence of hindrance on ERP portal provided further that not recording of events causing delay by the Engineer-in-Charge does not ipso facto entitle the contractor for any hindrance.
The contractor shall have no claim of damages for extension of time granted or rescheduling of milestone/s for events listed in sub clause 5.2.	**No change.**
5.3 In case the work is hindered in the opinion of the contractor, by the Department or for any reason / event, for which the Department is responsible, the authority as indicated in Schedule 'F' shall, if justified, give a fair and reasonable extension of time and reschedule the mile stones for completion of work.	**5.3 Delays attributable to the department** In case the work is hindered, in the opinion of the contractor, by the Department or for any reason / event, for which the Department is responsible, **then upon the happening of such event causing delay, the Contractor shall within 3 (three) days give online notice there of through ERP Portal to the Engineer-in-Charge but shall nevertheless use constantly his best endeavours to prevent or make good the delay and shall do all that may be reasonably required to the satisfaction of the Engineer-in-Charge to proceed with the work.** **The contractor shall not be entitled for any hindrance in case notice(s) are not given by the contractor through ERP portal.** **The Engineer-in-Charge, on receipt of such notice(s) after considering the factual ground situation, shall either acknowledge or reject the notice(s).** **In case of rejection, the reason(s) for rejection shall be communicated by Engineer-in-Charge to the agency.** **The decision of Engineer-in-Charge with regard to nature of event causing delay, its start date and end date, as has been finalized during acknowledgement of notice, shall be final and binding.**

R.K. JAIN
(EE (Contact)

	The end date of such events shall be recorded by Engineer-in-Charge either during acknowledgment of notice or subsequent to acknowledgement if end date of hindrance is after the date of acknowledgement of notice. **In absence of notice by the contractor, Engineer-in-Charge or his representative(s) may record the events causing delay within 05 (five) days of occurrence of hindrance on ERP portal provided further that not recording of events causing delay by the Engineer-in-Charge does not ipso facto entitle the contractor for any hindrance.**
Such extension of time or rescheduling of milestone/s shall be without prejudice to any other right or remedy of the parties in contract or in law, provided further that for concurrent delays under this sub clause and sub clause 5.2 to the extent the delay is covered under sub clause 5.2 the contractor shall be entitled to only extension of time and no damages.	Such extension of time or rescheduling of milestone**(s)** shall be without prejudice to any other right or remedy of the parties in contract or in law, provided further that for concurrent delay(s) under this sub clause and sub clause 5.2 to the extent the delay is covered under sub clause 5.2, the contractor shall be entitled to only extension of time and **shall have** no **claim of** damages.
5.4 Request for rescheduling of Mile stones or extension of time, to be eligible forconsideration, shall be made by the Contractor in writing within fourteen days of the happening of the event causing delay on the prescribed forms i.e. Form of application by the contractor for seeking rescheduling of milestones or Form of application by the contractor for seeking extension of time (Appendix - XVI) respectively to the authority as indicated in Schedule 'F'. The Contractor shall indicate in such a request the period by which rescheduling of milestone/s or extension of time is desired.	5.4 **Rescheduling of milestone(s) and 'extended date of completion'** The request for rescheduling of Milestone(s) **and** extension of time, shall be made by the Contractor **through ERP Portal once in a month on the basis of hindrances accepted by Engineer-in-Charge under sub-clause 5.2 and sub-clause 5.3.** The Contractor shall indicate in such a request **number of days** by which rescheduling of milestone**(s) and/**or extension of time is desired.
With every request for rescheduling of milestones, or if at any time the actual progress of work falls behind the approved programme by more than 10% of the stipulated period of completion of contract, the contractor shall produce a revised programme without causing any delay in execution	**Deleted**

R.K. JAIN 08/11/2023
(EE (Contact)

of the work. A recovery as specified in Schedule 'F' shall be made on per day basis in case of delay in submission of the revised programme.	
No provision	**The authority as indicated in Schedule 'F', after examining the request, shall give a fair and reasonable extension of time for completion of work and simultaneously reschedule the milestone(s), if required so. The authority shall consider all the hindrances accepted as per sub-clauses 5.2, 5.3 and 5.5.** **The authority shall decide rescheduling of milestone(s) and extension of time within 21 (Twenty One) days of the request submitted by the contractor through ERP portal. In event of no request by the contractor for rescheduling of milestone(s) and extension of time, the authority as indicated in Schedule F, after affording opportunity to the contractor, may give fair and reasonable extension of time based on hindrances accepted by Engineer-in-Charge and reschedule the milestone(s) once in a month. Such justified extension of time shall determine the 'extended date' of completion of work.**
5.4.1 In any such case the authority as indicated in Schedule 'F' may give a fair and reasonable extension of time for completion of work or reschedule the mile stones.	5.4.1 **Provided that the end date of any event causing delay shall not fall beyond the date of request for extension of time or rescheduling of milestone(s) by the contractor. In case end date of event falls beyond the date of submission of said request, then period for extension up to date of application shall be considered in the said request for events eligible for consideration and remaining period shall be applied in subsequent request of extension of time or rescheduling of milestone(s).**
E-in-C shall finalize/ reschedule a particular mile stone before taking an	**Engineer-in-Charge** shall finalize/ reschedule a particular mile stone

R.K. JAIN 08/11/2023
(EE (Conta

action against subsequent mile stone. Such extension or rescheduling of the milestones shall be communicated to the Contractor by the authority as indicated in Schedule 'F' in writing, within 21 days of the date of receipt of such request from the Contractor in prescribed form. In event of non-application by the contractor for extension of time E-in-C after affording opportunity to the contractor, may give, supported with a programme (as specified under 5.4 above), a fair and reasonable extension within a reasonable period of occurrence of the event.	before taking an action against subsequent mile stone. Such extension or rescheduling of the milestones shall be communicated to the Contractor by the authority as indicated in Schedule 'F' in writing, within 21 **(twenty one)** days of the date of receipt of such request from the Contractor **on ERP Portal.**
5.5 In case the work is delayed by any reasons, in the opinion of the Engineer- in-Charge, by the contractor for reasons beyond the events mentioned in clause 5.2 or clause 5.3 or clause 5.4 and beyond the justified extended date, without prejudice to right to take action under Clause 3, the Engineer-in-Charge may grant extension of time required for completion of work without rescheduling of milestones. The contractor shall be liable for levy of compensation for delay for such extension of time.	5.5 **Delays attributable solely to the contractor** **In case the work is delayed by reasons solely attributable to the contractor, then Engineer-in-Charge or his representative(s) may record the event causing delay within 05 (five) days of occurrence of delay in the ERP portal. Contractor shall take the notice of the same for necessary action. He may submit his version, if any within 05 (Five) days. Engineer-in-Charge, considering the version of the contractor, will take decision on such recording of the event and the decision of the Engineer-in-Charge shall be final and binding.** **The contractor shall be liable for levy of compensation for such delays (i.e. for the period beyond the justified extended date of completion as determined in sub clause 5.4 and this default of contractor shall be dealt in conjunction with clause 2 of the contract.** **In case the work is delayed, due to hindrances attributable solely to the contractor, beyond the justified extended date (as stated in sub clause 5.4), the authority indicated in Schedule 'F', without prejudice to provisions to take action under Clause 3, may grant extension of**

R.K. JAIN
(EE (Contact)

	time required for completion of work without rescheduling of milestone(s) and extend the date of completion.
PROFORMA OF SCHEDULES (Separate Performa for Civil, Elect.& Hort. Works in case of Composite Tenders) **SCHEDULE 'F'** **Clause 5** **Authority to decide:**	**PROFORMA OF SCHEDULES (Separate Performa for Civil, Elect. & Hort. Works in case of Composite Tenders)** **SCHEDULE 'F'** **Clause 5**
i. Extension of time ..... (Engineer in Charge or Engineer in Charge of Major Component in case of Composite Contracts, as the case may be)	i. **Authority to convey the decision of shifting of milestone and** extension of time ..... (Engineer-in-Charge or Engineer-in-Charge of Major Component in case of Composite Contracts, as the case may be)
ii. Rescheduling of mile stones ..... (Superintending Engineer/ PM/CPM in Charge or Superintending Engineer/ PM/CPM in Charge of Major Component in case of Composite Contracts, as the case may be)	ii. **Authority to decide rescheduling of milestone and** extension of time ..... (SE/**SE&PD/ CE/ CE&ED).**
iii. Shifting of date of start in case of delay in handing over of site ..... (Superintending Engineer/ PM/CPM in Charge or Superintending Engineer in Charge of Major Component in case of Composite Contracts, as the case may be)	iii. Shifting of date of start in case of delay in handing over of site ..... (SE/**SE&PD/CE/ CE&ED).**

This OM is applicable for all NITs uploaded after date of issue of this OM.

This is issued with the approval of DG CPWD.

08.12.2023

(वी. पी.साहू)

अधीक्षण अभियंता (सी.एंड एम.)

Issued from file No. CSQ/CM/17(1)/2023/ Construction e-file 9161772

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)।

R.K. JAIN
(Contact)

केन्द्रीय लोक निर्माण विभाग

कार्यालय ज्ञापन

No. DG/CON/Construction 2023/05

ISSUED BY AUTHORITY OF DIRECTOR GENERAL, CPWD

NIRMAN BHAWAN, NEW DELHI **Dated: 08.02.2024**

Subject: Modifications in Conditions of Contract and Clause 19 of GCC 2023 for Construction Works

The following amendments are made in the GCC 2023 for Construction Works:

Existing provision	Modified provision
CONDITIONS OF CONTRACT **Definitions** 2. In the contract, the following expressions shall, unless the context otherwise requires, have the meanings, hereby respectively assigned to them:-	**CONDITIONS OF CONTRACT** **Definitions** 2. In the contract, the following expressions shall, unless the context otherwise requires, have the meanings, hereby respectively assigned to them:-
(i) to (xviii)	**(i) to (xviii) No change**
(xix) No provision	**(xix) Adolescent Person: A person who has completed his/her fourteenth year of age but has not completed his eighteenth year.**
(xx) No provision	**(xx) Hazardous works: Hazardous process/works are the works as defined in the clause (cb) of the Factory Act, 1948.**
Clause 19 Labour Laws to be complied by the Contractor	**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.	**No change**
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.	**No change**
The contractor shall also comply with provisions of the Inter-State Migrant Workmen (Regulation of Employment and Conditions of Service) Act, 1979.	**No change**

The contractor shall also abide by the provisions of the Child and Adolescent Labour (Prohibition and Regulation) Act, 1986.	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.**
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.	**No change**
Any failure to fulfil these requirements shall attract the penal provisions of this contract arising out of the resultant non-execution of the work.	**No change**
Clause 19A No labour below the age of eighteen years shall be employed on the work.	Clause 19A 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.**
C.P.W.D. Contractor's Labour Regulations **2. DEFINITIONS** i. (c) Who is an out worker, that is to say, person to whom any article or materials are ..... premises under the control and management of the principal employer. No person below the age of 18 years shall be employed to act as a workman.	**C.P.W.D. Contractor's Labour Regulations** **2. DEFINITIONS** i. (c) No change. 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.**

This issues with the approval of DG CPWD.

08.02.2024
(वी. पी.साहू)
अधीक्षण अभियंता(सी.एंड एम.)

Issued from file No. CSQ/CM/17(1)/2023/Construction e-file 9169019 AE(C-1)
केलोनिवि तथा लोनिवि दिल्ली के सभी अधिकारियों को आवश्यक सूचना एवं कार्यवाही हेतु।
(केलोनिवि वेबसाईट के माध्यम से)

Central Public Works Department
Office Memorandum
No. DG/CON/Construction 2023/06

ISSUED BY AUTHORITY OF DIRECTOR GENERAL, CPWD 01.03.2024

NIRMAN BHAWAN, NEW DELHI Dated: ~~20.02.2024~~

Subject: Modifications in Conditions of Contract, Clause 19 and 20 of GCC 2023 for Construction Works

The following amendments are made in the GCC 2023 for Construction Works:

Existing provision	Modified provision
CONDITIONS OF CONTRACT **Definitions** 9. **Signing of Contract:-** The successful tenderer/contractor, on acceptance of his tender by the Accepting Authority, shall, within 15 days from the stipulated date of start of the work, sign the contract consisting of:- (i) to (iii) No Provision	**CONDITIONS OF CONTRACT** **Definitions** 9. **Signing of Contract:-** The successful tenderer, on acceptance of his tender by the Accepting Authority, shall, within 15 days from the stipulated date of start of the work, sign the contract consisting of:- (i) to (iii) No change **In the event of successful tenderer being a firm/company, then the agreement shall be signed by all the partners or directors thereof individually. In the event of the absence of any partner/director, it shall be signed on his behalf by a person holding a power of attorney (duly notarized by notary public or board resolution in case of company) authorizing him to do so.**
Clause 19 B 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, wherever applicable.	**Clause 19 B 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.**

29/02/2024
R.K. JAIN
(EE (Contac

	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, or the modifications thereof or any other laws relating thereto and the rules made there under from time to time.	**(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** ~~or~~ the modifications thereof or any other laws relating thereto and the rules made there under from time to time.
Clause 20 Minimum Wages Act to be Complied With The contractor shall comply with all the provisions of the Minimum Wages Act, 1948, and Contract Labour (Regulation and Abolition) Act, 1970, amended from time to time and rules framed there under and other labour laws affecting contract labour that may be brought into force from time to time.	**Clause 20 Minimum Wages Act to be Complied With** The contractor shall comply with all the provisions of the Minimum Wages Act, 1948, and Contract Labour (Regulation and Abolition) Act, 1970, **Gazette Notification 19.01.2017, S.O 188 (E) extra ordinary part 2 – sec. 3 (ii)** amended from time to time and rules framed there under and other labour laws affecting contract labour that may be brought into force from time to time.

This issues with the approval of DG CPWD.

01.03.2024
(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)

R.K. JAIN 19/2/2024

Central Public Works Department
Office Memorandum
No. DG/CON/Construction 2023/07
ISSUED BY AUTHORITY OF DIRECTOR GENERAL, CPWD

NIRMAN BHAWAN, NEW DELHI **Dated:** 01.03.2024

Subject: Modifications in Clause 7 of GCC 2023 for Construction Works

The following amendments is made in the GCC 2023 for Construction Works :

Existing provision	Modified provision
Clause 7 Payment on intermediate certificate to be regarded as Advances No payment shall be made for work, estimated to cost Rs. twenty lacs or less till after the whole of the work shall have been completed and certificate of completion given. ..... fixed for the same by the Engineer-in-Charge.	**Clause 7 Payment on intermediate certificate to be regarded as Advances** No change.
The contractor shall not be entitled to be paid any such interim payment if the gross work done together with net payment/ adjustment of advances for material collected, if any, since the last such payment is less than the amount specified in Schedule 'F', in which case the interim bill shall be prepared on the appointed date of the month after the requisite progress is achieved.	The contractor shall not be paid any such interim payment if the gross work done together with net payment/ adjustment of advances for material collected, if any, since the last such payment is less than the amount specified in Schedule 'F', in which case the interim bill shall be prepared on the appointed date of the month after the requisite progress is achieved.
No provision	**However, to expedite the progress of work, Engineer-in-Charge, on the request of contractor, may make interim payment(s) even before the net payment limit specified in schedule 'F' is achieved. In such case(s) no interest / compensation shall be recoverable from contractor.** **Such payment by Engineer-in-Charge shall not be construed as waiver of limit specified in schedule 'F' for subsequent interim payment(s).**

01/03/2024
R.K. JAIN
(EE (Contact)

Engineer-in-Charge shall arrange to have the bill verified by taking or causing to be taken, ... prescribed time limit.	**No Change**

This issues with the approval of DG CPWD.

01.03.2024
(V.P. Sahu)
Superintending Engineer (C&M)

Issued from file No. CSQ/CM/17(1)/2023/Const. e-file no. 9135972

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

01/03/2024
R.K. JAIN
(EE (Contact)

Central Public Works Department
Office Memorandum
No. DG/CON/Construction 2023/08
ISSUED BY AUTHORITY OF DIRECTOR GENERAL, CPWD

NIRMAN BHAWAN, NEW DELHI **Dated: 05.03.2024**

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

The following amendments are made in the GCC 2023 for Construction Works:

Existing provision	Modified provision
Clause 19 Labour Laws to be complied by the Contractor	**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.	**No change**
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.	**No change**
The contractor shall also comply with provisions of the Inter-State Migrant Workmen (Regulation of Employment and Conditions of Service) Act, 1979.	**No change**
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.	**No change.**
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.	**No change**

05/03/2024
R.K. JAIN
(EE (Contact)

No provision Any failure to fulfill these requirements shall attract the penal provisions of this contract arising out of the resultant non-execution of the work.	**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 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)

07/03/2024
R.K. JAIN
(EE (Contact)

1/2

Central Public Works Department

Office Memorandum

No. DG/CON/Construction 2023/09

ISSUED BY AUTHORITY OF DIRECTOR GENERAL, CPWD

NIRMAN BHAWAN, NEW DELHI **Dated: 01.04.2024**

Subject: Modifications in Clause 1, 8 and 41 of GCC 2023 for Construction Works

The following amendments are made in the GCC 2023 for Construction Works:

Existing provision	Modified provision
Clause 1 Performance Guarantee Sl. No. (i) to (iv)	**Clause 1 Performance Guarantee** Sl. No. (i) to (iv) **No Change**
(v) On substantial Completion of any work which has been completed to such an extent that the intended purpose of the work is met and ready to use, then a provisional Completion certificate shall be recorded by the Engineer-in-Charge. The provisional certificate shall have appended with a list of outstanding balance item of work that need to be completed in accordance with the provisions of the contract.	(v) **As per requirement of the client or otherwise specified in the contract, part completion certificate may be issued for the building(s)/ infrastructure project for the part(s) which have been completed in all respect and are ready for use. However, statutory approvals, Completion drawing of various services, wherever required, shall be obtained before handing over of building(s)/ part(s) of the project. Scope of the completed part(s) shall be mentioned in such part completion certificate.**
This provisional completion certificate shall be recorded by the concerned Engineer- incharge with the approval of Superintending Engineer /Project Manager / Chief Engineer/ Chief Project Manager, if required. After recording of the provisional Completion Certificate for the work by the competent authority, the 80 % of performance guarantee shall be returned to the contractor, without any interest.	The **part completion** certificate shall **include** outstanding balance work that need to be completed in accordance with the provisions of the contract. This **part** completion certificate shall be recorded by the **authority as per contract value of work.** After recording of the **part** Completion Certificate for the work by the competent authority, the **proportionate amount of** 80% of performance guarantee shall be returned to the contractor, without any interest.
However in case of contracts involving Maintenance of building and services /any other work after construction of same building and services/ other work, then 40% of performance guarantee shall be returned to the contractor, without any interest after recording the provisional Completion certificate.	However in case of contracts involving Maintenance of building and services /any other work after construction of same building and services/ other work, then **proportionate amount of** 40% of performance guarantee shall be returned to the contractor, without any interest after recording the **part** Completion certificate.

01/04/2024
R.K. JAIN
EE (Contract)

Clause 8 Completion Certificate Within ten days of the completion of the work, the contractor shall give notice of such completion to the Engineer-in-Charge and within thirty days of the receipt of such notice, the Engineer-in-Charge shall inspect the work and if there is no defect in the work, shall furnish the contractor with a final certificate of completion, otherwise a provisional certificate of physical completion indicating defects (a) to be rectified by the contractor and/or (b) for which payment will be made at reduced rates, shall be issued.	**Clause 8 Completion Certificate** Within ten days of the completion of the work **or on part completion of one or more building(s) out of independent building in a project or infrastructure project, as per requirement of client or otherwise specified in schedule F,** the contractor shall give notice of such completion to the Engineer-in-Charge and within thirty days of the receipt of such notice, the Engineer-in-Charge shall inspect the work and shall furnish the contractor with a **part or** final **completion** certificate **as the case may be,** indicating defects (a) to be rectified by the contractor and/or (b) for which payment will be made at reduced rates.
But no final certificate ..... sum actually realized by the sale thereof.	No change.
Clause 41 **Release of Security deposit after labour clearance** The Security Deposit ..... security deposit and refund the balance amount.	**Clause 41** **Release of Security deposit after labour clearance** No change.
No Provision	**In case, if part completion certificate of work is recorded then security deposit shall be released only after recording final completion certificate of the work and after completion of defect liability period whichever is later or specified otherwise in the contract.**

This issues with the approval of DG CPWD.

01.04.2024
(V.P. Sahu)
Superintending Engineer (C&M)

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

All CPWD and PWD officers for information and necessary action.(Through CPWD website)

01/04/2024
R.K. JAIN
EE (Contract)

Central Public Works Department
Office Memorandum
No. DG/CON/Construction 2023/10
ISSUED BY AUTHORITY OF DIRECTOR GENERAL, CPWD
NIRMAN BHAWAN, NEW DELHI **Dated:** 03-06-2024

Subject: Modifications in Clause 36 of GCC 2023 for Construction Works

The following amendment is made in the Clause 36 of GCC 2023 for Construction Works.

Existing provision	Modified provision
Clause 36 If relative working in CPWD then the contractor not allowed to tender The contractor shall not be *permitted* to tender for works in the CPWD circle *(Division in case of contractors of Horticulture/Nursery categories)* responsible for award and execution of contracts in which his near relative is posted as Divisional Accountant or as an officer in any capacity between the grades of the *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 *C.P.W.D. or in the Ministry of Housing and Urban Affairs.* Any breach of this condition by the contractor would render him liable to be *removed from the approved list of contractors of this Department. If however the contractor is registered in any other department, he shall be debarred from tendering in CPWD for any breach of this condition.*	**Clause 36 If relative working in CPWD then the contractor is not allowed to participate in the tendering process** The contractor **(enlisted or non-enlisted in CPWD)** shall not be **allowed** to **participate in the** tender for work(s) in the CPWD **Zone**/circle **/Division/Sub-Division** responsible for award and**/or** execution of contract**(s)** in which his near relative is posted as Divisional Accountant or as an officer in any capacity between the grades of the **Chief Engineer** and Junior Engineer (both inclusive). He shall also intimate the names of persons who are working or are subsequently employed by him and who are near relatives to any Officer **working** in the **CPWD**. Any breach of this condition by the contractor would render him liable to be **debarred for a period upto two years from tendering in CPWD as decided by the accepting authority mentioned in Schedule F and his decision will be excepted from clause 25.**
NOTE: By the term "near relatives" is meant wife, husband, parents and grandparents, children and grandchildren, brothers and sisters, uncles, aunts and cousins and their corresponding in-laws.	No change.

This issues with the approval of DG, CPWD.

03.06.2024
(V.P. Sahu)
Superintending Engineer (C&M)

Issued from file No. CSQ/CM/17(1)/2023/Construction **e-file 9135972**

All CPWD and PWD officers for information and necessary action. (Through CPWD website)

R.K. JAIN
EE (Contract)

Central Public Works Department
Office Memorandum
No. DG/CON/Construction 2023/10
ISSUED BY AUTHORITY OF DIRECTOR GENERAL, CPWD

NIRMAN BHAWAN, NEW DELHI **Dated:** 03-06-2024

Subject: Modifications in Clause 36 of GCC 2023 for Construction Works

The following amendment is made in the Clause 36 of GCC 2023 for Construction Works.

Existing provision	Modified provision
Clause 36 If relative working in CPWD then the contractor not allowed to tender The contractor shall not be *permitted* to tender for works in the CPWD circle *(Division in case of contractors of Horticulture/Nursery categories)* responsible for award and execution of contracts in which his near relative is posted as Divisional Accountant or as an officer in any capacity between the grades of the *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 *C.P.W.D. or in the Ministry of Housing and Urban Affairs.* Any breach of this condition by the contractor would render him liable to be *removed from the approved list of contractors of this Department. If however the contractor is registered in any other department, he shall be debarred from tendering in CPWD for any breach of this condition.*	**Clause 36 If relative working in CPWD then the contractor is not allowed to participate in the tendering process** The contractor **(enlisted or non-enlisted in CPWD)** shall not be **allowed** to **participate in the** tender for work(s) in the CPWD **Zone**/circle **/Division/Sub-Division** responsible for award and**/or** execution of contract**(s)** in which his near relative is posted as Divisional Accountant or as an officer in any capacity between the grades of the **Chief Engineer** and Junior Engineer (both inclusive). He shall also intimate the names of persons who are working or are subsequently employed by him and who are near relatives to any Officer **working** in the **CPWD**. Any breach of this condition by the contractor would render him liable to be **debarred for a period upto two years from tendering in CPWD as decided by the accepting authority mentioned in Schedule F and his decision will be excepted from clause 25.**
NOTE: By the term "near relatives" is meant wife, husband, parents and grandparents, children and grandchildren, brothers and sisters, uncles, aunts and cousins and their corresponding in-laws.	No change.

This issues with the approval of DG, CPWD.

03.06.2024
(V.P. Sahu)
Superintending Engineer (C&M)

Issued from file No. CSQ/CM/17(1)/2023/Construction **e-file 9135972**

All CPWD and PWD officers for information and necessary action. (Through CPWD website)

R.K. JAIN
EE (Contract)

Central Public Works Department

Office Memorandum

No. DG/CON/Construction 2023/11

ISSUED BY AUTHORITY OF DIRECTOR GENERAL, CPWD

NIRMAN BHAWAN, NEW DELHI **Dated:** 03-06-2024

Subject: Additions in 'General Rules and Directions' of GCC 2023 for Construction Works

The following additions are made in GCC 2023 for Construction Works under 'General Rules and Directions':

Existing provision	Modified provision
General Rules and Directions Sl. No. 1 to 16 No Provision	**General Rules and Directions** No Change **17. <u>Price Preference to SC/ST individual contractor for item rate/percentage rate tender</u>:** **Price preference in quoted item rate/percentage rate tender shall be applicable to the individual enlisted/non-enlisted SC/ST contractor as under:-** **i. For work(s) upto and equal to an estimated cost of Rs.2.70 lakh a price preference upto 5% (with reference to the lowest valid tender) may be allowed in favor of individual SC/ST enlisted/non-enlisted contractor. No earnest money is required in such case(s).** **ii. For work(s) beyond an estimated cost of Rs. 2.70 lakh and upto and equal to estimated cost of Rs. 6.20 lakh, the price preference upto 5% (with reference to the lowest valid tender) may be allowed in favour of individual enlisted SC/ST contractor. However, earnest money at a reduced rate of ½% may be accepted in such cases.** **iii. The price preference upto 5% (with reference to the lowest valid price bid) may be allowed in favour of individual SC/ST contractor. The above concession shall be allowed only after proper verification of the individual contractor's claim of belonging to SC/ST community.**
Schedule F **No Provision**	**Schedule F** **Price Preference to SC/ST individual contractor is valid upto ..... (date)**

This issues with the approval of DG CPWD.

03.06.2024
(V.P. Sahu)
Superintending Engineer (C&M)

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

All CPWD and PWD officers for information and necessary action.(Through CPWD website)

03/06/2024
R.K. JAIN
EE (Contract)

केन्द्रीय लोक निर्माण विभाग

कार्यालय ज्ञापन

No. DG/CON/Construction 2023/12

ISSUED BY AUTHORITY OF DIRECTOR GENERAL, CPWD

NIRMAN BHAWAN, NEW DELHI **Dated: 09.10.2024**

Subject: Modifications in Clause 10A of GCC 2023 for Construction Works

The following amendment is made in the Clause 10A of GCC 2023 for Construction Works:

Existing provision	Modified provision
Clause 10A Materials to be provided by the contractor The contractor shall ..... as specified in Schedule F. No Provision	**Clause 10A Materials to be provided by the contractor** **(i)** No Change **(ii) Maintenance of Material at Site (MAS) Register** **(a) MAS register of the key materials including Cement, Steel Bitumen, Paint, Primer, Distemper, Varnishes, Tile Adhesive, Admixture, Anti termite chemical Water proofing compound material and other items as required by Engineer-in-Charge, and shall be maintained as per proforma in Appendix-XX of GCC. All the entries in the MAS registers are made by the designated staff of the contractor and same is reviewed weekly by the authorized representative and fortnightly by the Engineer-in-Charge. However, contractor is responsible for maintenance and safe custody of MAS registers.**
(b) No provision	**(b)The self-attested copies of tax paid bill of all the materials entered in the MAS register shall be submitted by the contractor at the time of review by representative of Engineer-in-Charge. In case of any doubt, genuineness of the tax paid bills; it can be verified by the representative of the Engineer-in-Charge or the Engineer-in-Charge, however, onus of genuineness of tax paid bills rest with the contractor.**

09.10.24
R K SINGH
EE(Manual)

1/2

Appendix-XX

REGISTER OF MATERIAL AT SITE (MAS)

1. **Division/Sub-division** .....
2. **Name of Work** .....
3. **Name of Article/Item** .....
4. **Estimated Requirements** .....

S. No.	Date of Receipts (Details of Challans/ Bills, Specific location wherePlants and Materials received/ Vehicle No.	Received from/ Issued to	Quantity Received	Date of issue	Specific location where Plants& Materials Displayed / Delivered / issued	Quantity Issued	Balance Quantity	Signature of authorized representative of contractor	Signature of authorized representative of Engineer-in-Charge/ AE/EE/	Remarks
1	2	3	4	5	6	7	8		9	10

This issues with the approval of DG, CPWD.

(दिनेश कुमार उज्जैनिया)
अधीक्षण अभियंता (सी.एंड एम.)

Issued from file No. CSQ/CM/17(1)/ Construction/2024
e-file 9184028 (DFA//9301389)
केलोनिवि तथा लोनिवि दिल्ली के सभी अधिकारियों को आवश्यक सूचना एवं कार्यवाही हेतु।
(केलोनिवि वेबसाईट के माध्यम से)

09.10.24
R K SINGH
EE(Manual)

2/2

केन्द्रीय लोक निर्माण विभाग

कार्यालय ज्ञापन

No. DG/CON/Construction 2023/12

ISSUED BY AUTHORITY OF DIRECTOR GENERAL, CPWD

NIRMAN BHAWAN, NEW DELHI **Dated: 09.10.2024**

Subject: Modifications in Clause 10A of GCC 2023 for Construction Works

The following amendment is made in the Clause 10A of GCC 2023 for Construction Works:

Existing provision	Modified provision
Clause 10A Materials to be provided by the contractor The contractor shall ..... as specified in Schedule F. No Provision	**Clause 10A Materials to be provided by the contractor** **(i)** No Change **(ii) Maintenance of Material at Site (MAS) Register** **(a) MAS register of the key materials including Cement, Steel Bitumen, Paint, Primer, Distemper, Varnishes, Tile Adhesive, Admixture, Anti termite chemical Water proofing compound material and other items as required by Engineer-in-Charge, and shall be maintained as per proforma in Appendix-XX of GCC. All the entries in the MAS registers are made by the designated staff of the contractor and same is reviewed weekly by the authorized representative and fortnightly by the Engineer-in-Charge. However, contractor is responsible for maintenance and safe custody of MAS registers.**
(b) No provision	**(b)The self-attested copies of tax paid bill of all the materials entered in the MAS register shall be submitted by the contractor at the time of review by representative of Engineer-in-Charge. In case of any doubt, genuineness of the tax paid bills; it can be verified by the representative of the Engineer-in-Charge or the Engineer-in-Charge, however, onus of genuineness of tax paid bills rest with the contractor.**

09.10.24
R K SINGH
EE(Manual)

1/2

Appendix-XX

REGISTER OF MATERIAL AT SITE (MAS)

1. **Division/Sub-division** .....
2. **Name of Work** .....
3. **Name of Article/Item** .....
4. **Estimated Requirements** .....

S. No.	Date of Receipts (Details of Challans/ Bills, Specific location wherePlants and Materials received/ Vehicle No.	Received from/ Issued to	Quantity Received	Date of issue	Specific location where Plants& Materials Displayed / Delivered / issued	Quantity Issued	Balance Quantity	Signature of authorized representative of contractor	Signature of authorized representative of Engineer-in-Charge/ AE/EE/	Remarks
1	2	3	4	5	6	7	8		9	10

This issues with the approval of DG, CPWD.

(दिनेश कुमार उज्जैनिया)
अधीक्षण अभियंता (सी.एंड एम.)

Issued from file No. CSQ/CM/17(1)/ Construction/2024
e-file 9184028 (DFA//9301389)
केलोनिवि तथा लोनिवि दिल्ली के सभी अधिकारियों को आवश्यक सूचना एवं कार्यवाही हेतु।
(केलोनिवि वेबसाईट के माध्यम से)

09.10.24
R K SINGH
EE(Manual)

2/2

केन्द्रीय लोक निर्माण विभाग

कार्यालय ज्ञापन

No. DG/CON/Construction-2023/13

ISSUED BY THE AUTHORITY OF DIRECTOR GENERAL, CPWD

Nirman Bhawan, New Delhi Dated: 29.10.2024

Subject: Modifications in Conditions of Contract, Clause 10A of GCC Construction Works 2023.

Following amendments are made in the GCC Construction Works 2023:-

Existing Provision	Modified Provision
Clause 10A: Materials to be provided by the Contractor (i) The contractor shall, ... thereof and in case of default, the Engineer-in-Charge may cause the same to be supplied and all costs which may attend such removal and substitution shall be borne by the Contractor.	**No Change**
The contractor shall at his own expense, provide a material testing lab at the site for conducting routine field tests. The lab shall be equipped at least with the testing equipment as specified in schedule F.	**Field Laboratory:** The contractor shall at his own expense, setup a material testing lab equipped with the testing equipment as specified in schedule F at site for conducting routine field test.
No Provision	**External Laboratory: Letter for submitting sample(s) for testing of material shall be sent through e-mail to the Lab by authorized representative of Engineer-in-Charge or Engineer-in-Charge of the work along with name(s) of test(s) to be done on the material.** **The contractor shall collect the sample(s) from the site and submit it to the lab; make necessary payment for the testing charges. He will inform on the same day through email to authorized representative of Engineer-in-Charge and Engineer-in-Charge regarding submission of sample (s) and**

29.10.24
R K SINGH
EE(Manual)

No Provision	**payment made to the lab. If he either fails to collect or submit the sample(s) to the lab within 03 days or in time as prescribed in the specifications, whichever is earlier, the Engineer-in-Charge shall collect and submit the sample(s) and make necessary payment for testing charges to the lab. In such case, Engineer-in-Charge shall make recovery on account of collection and submission of sample(s) to the lab and paid testing charges etc. from the next R/A bill / Final bill of the contractor. This action of Engineer-in-Charge shall be final and binding.** **If the contractor fails three times in collection and/or submitting sample(s) and/or fails to make payment for testing charges, the contractor shall be debarred from tendering in CPWD for a period of two years.**
Sl. no. (ii) (a) and (b)	**No change**

This OM is applicable for all NITs uploaded after date of issue of this OM.

This is issued with the approval of DG CPWD.

(दिनेश कुमार उज्जैनिया)
अधीक्षण अभियंता (सी.एंड एम.)

Issued from file No. CSQ/CM/17(1)/2024/Construction e-file- 9184436 (DFA/9303295)
केलोनिवि तथा लोनिवि दिल्ली के सभी अधिकारियों को आवश्यक सूचना एवं कार्यवाही हेतु।
(केलोनिवि वेबसाईट के माध्यम से)

R K SINGH
EE(Manual)

केन्द्रीय लोक निर्माण विभाग

कार्यालय ज्ञापन

No. DG/CON/Construction 2023/14

ISSUED BY AUTHORITY OF DIRECTOR GENERAL, CPWD

NIRMAN BHAWAN, NEW DELHI **Dated: 03.01.2025**

Subject: Modifications in General Rules and Directions of GCC 2023 for Construction Works.

The following amendments are made in the General Rules and Directions of GCC 2023 for Construction Works:

Existing provision	Modified provision
Applicable for Item Rate Tender only (CPWD - 8) 4 The rates ..... rupee one.	**Applicable for Item Rate Tender only (CPWD - 8)** 4 No change
In case the lowest tendered amount (worked out on the basis of quoted rate of Individual items) of two or more contractors is same, then such lowest contractors may be asked to submit sealed revised offer quoting rate of each item of the schedule of quantity for all sub sections/sub heads as the case may be, but the revised quoted rate of each item of schedule of quantity for all sub sections/sub heads should not be higher than their respective original rate quoted already at the time of submission of tender. The lowest tender shall be decided on the basis of revised offer.	In case the lowest tendered amount (worked out on the basis of quoted rate of Individual items) of two or more contractors is same, then such lowest contractors may be asked to submit **revised price bid online using e-tender website,** quoting rate of each item of the schedule of quantity for all sub sections/sub heads as the case may be, **on the revised template which has been sent to them by the Tender Inviting Authority (TIA)**, but the revised quoted rate of each item of schedule of quantity for all sub sections/sub heads should not be higher than their respective original rate quoted already at the time of submission of tender. The lowest tender shall be decided on the basis of revised offer.
If the revised ..... their tenders. In case of any ..... be forfeited. In case all ..... lowest contractors. Contractor ..... of the work.	No change
Applicable for Percentage Rate Tender only [CPWD- 7] 4B In case the lowest tendered amount (estimated cost ± amount worked on the basis of percentage above/below) of two or more contractors is same, such lowest contractors will be asked to submit sealed revised offer in the form of letter mentioning percentage above/ below on estimated cost of tender including all sub sections/sub	**Applicable for Percentage Rate Tender only [CPWD- 7]** 4B In case the lowest tendered amount (estimated cost ± amount worked on the basis of percentage above/below) of two or more contractors is same, such lowest contractors will be asked to submit **revised price bid online quoting** percentage above/ below on estimated cost of tender including all sub sections/sub heads as the case may

03.01.25
R K SINGH
EE(Manual)

heads as the case may be, but the revised percentage quoted above/below on tendered cost or on each sub section/ sub head should not be higher than the percentage quoted at the time of submission of tender. The lowest tender shall be decided on the basis of revised offers.	be **on the revised template which has been sent to them by the Tender Inviting Authority (TIA)**, but the revised percentage quoted above/below on tendered cost or on each sub section/ sub head should not be higher than the percentage quoted at the time of submission of tender. The lowest tender shall be decided on the basis of revised offers.
In case of any ..... be forfeited. If the revised ..... their tenders. In case all ..... process of the work.	No change

This issues with the approval of DG, CPWD.

(दिनेश कुमार उज्जैनिया)
अधीक्षण अभियंता (सी.एंड एम.)

Issued from file No. CSQ/CM/17(1)/ Construction/2024
e-file 9185053 (DFA/9307326)

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

03.01.25
R K SINGH
EE(Manual)

केन्द्रीय लोक निर्माण विभाग

कार्यालय ज्ञापन

No. DG/CON/ Construction 2023/15

ISSUED BY AUTHORITY OF DIRECTOR GENERAL, CPWD

NIRMAN BHAWAN, NEW DELHI **Dated: 31.01.2025**

Subject: Modifications in Clause 7A of GCC 2023 for Construction Works.

The following amendments are made in the Clause 7A of GCC 2023 for Construction Works:

Existing provision	Modified 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.	**Clause 7A** **(a)** No Running Account Bill/**Final 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. **(b) The following documents shall also be part of the bill submitted by the contractor (these documents shall be owned by the contractor) before making payment:-** **1. Details of person employed with date of their employment up to previous month.** **2. Documents of payment made to the employees directly into their bank accounts up to previous month.** **3. Documents of attendance through biometric attendance or other mode up to previous month.** **4. Documents of deposition of EPF and ESI deductions in the employee's accounts up to previous month.** **5. Any penalty imposed on the agency for delay in disbursing payment and deposition of EPF and ESI deductions in the employee's accounts up to previous month.** **6. Any other document(s) required as per statutory requirements and/or as directed by Engineer-in-Charge.** **(c) In case, any of the documents submitted by the contractor is found false/forged at a later date, action for debarment of contractor will be taken by the SE/CE concerned.**

This issues with the approval of DG, CPWD.

31/1/25

(दिनेश कुमार उज्जैनिया)
अधीक्षण अभियंता (सी.एंड एम.)

Issued from file No. CSQ/CM/17(1)/2023/Construction e-file 9184028 (DFA/9313089)

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

31.1.25
R K SINGH
EE(Manual)

केन्द्रीय लोक निर्माण विभाग

कार्यालय ज्ञापन

No. DG/CON/Construction 2023/16

ISSUED BY AUTHORITY OF DIRECTOR GENERAL, CPWD

NIRMAN BHAWAN, NEW DELHI **Dated: 10.02.2025**

Subject: Modifications in Clauses 7, 8, 9 and Schedule F of clause 8 of GCC 2023 for Construction Works.

The following amendments are made in the Clauses 7, 8, 9 and Schedule F of clause 8 of GCC 2023 for Construction Works:

Existing provision	Modified provision
Clause 7 Existing provisions No provision	**Clause 7** No change **In case of correction / rejection / short documents, it will be mandatory for Engineer-in- Charge to give recorded reasons for correction / rejection / submission of additional documents within seven days after submission of running bill by the contractor.**
Clause 8 Completion Certificate (Issued vide OM No. DG/Construction-2023/09 dated 01.04.2024) Within ten days of the completion of the work or on part completion of one or more building(s) out of independent building in a project or infrastructure project, as per requirement of client or otherwise specified in schedule F, the contractor shall give notice of such completion to the Engineer-in-Charge and within thirty days of the receipt of such notice, the Engineer-in-Charge shall inspect the work and shall furnish the contractor with a part or final completion certificate as the case may be, indicating defects (a) to be rectified by the contractor and/or (b) for which payment will be made at reduced rates.	**Clause 8 Completion Certificate** Within ten days of the completion of the work or on part completion of one or more building(s) out of independent building in a project or infrastructure project, as per requirement of client or otherwise specified in schedule F, the contractor shall give notice of such completion to the Engineer-in-Charge and **the Engineer-in-Charge, within seven days of receipt of intimation of completion from contractor will inspect the work and satisfy himself about completion of part /full work, then intimate to the concerned authorities as mentioned in Schedule F for inspection and issuance of part / final completion certificate. The concerned authorities will inspect the work and issue part/final completion certificate within** thirty days of the receipt of such **intimation.** The Engineer-in-Charge shall furnish **to** the contractor a part / final completion certificate as the case may be, indicating defects (a) to

10.2.25

R K SINGH
EE(Manual)

	be rectified by the contractor and/or (b) for which payment will be made at reduced rates.
But no final certificate ..... sum actually realized by the sale thereof.	**No change.**
Clause 9 Payment of Final Bill The final bill shall be submitted by the contractor in the same manner as specified in interim bills within three months of physical completion of the work or within one month of the date of the final certificate of completion furnished by the Engineer-in-Charge whichever is earlier. No further claims shall be made by the contractor after submission of the final bill and these shall be deemed to have been waived and extinguished. Payments of those items of the bill in respect of which there is no dispute and of items in dispute, for quantities and rates as approved by Engineer-in-Charge, will, as far as possible be made within the period of three months the period being reckoned from the date of receipt of the bill by the Engineer-in-Charge or his authorized Asstt. Engineer, complete with account of materials issued by the Department and dismantled materials. 10.2.25 R K SINGH EE(Manual)	**Clause 9 Payment of Final Bill** i. The final bill shall be submitted by the contractor **to the Engineer-in-Charge** in the same manner as specified in interim bills within three months of physical completion of the work or within one month of the date of the final **completion** certificate furnished by the Engineer-in-Charge whichever is earlier. **At the time of submission of the final bill, receipt will be given by the O/o Engineer-in-Charge.** ii. **In case of correction / rejection / short documents, it will be mandatory for Engineer-in- Charge to give recorded reasons for correction / rejection / submission of additional documents within fifteen days after submission of final measurement and/or final bill by the contractor.** iii. **Final bill will be accepted with all pre-requisite documents such as sanctioned copies of extra items and deviation in quantities, escalation statements, recovery statement, theoretical statement, final completion certificate, final extension of time case, mandatory tests statement, dismantled materials account and other documents as mentioned in clause 7A etc.** iv. **An undertaking alongwith the final bill will be submitted by the contractor that "I / we hereby undertake that all the measurements/claims payable under this contract have been included in the final bill and will not submit any other bill/claims in future under this agreement thereafter".** v. No further claims shall be **entertained from** the contractor after submission of the final bill and these shall be deemed to have been waived **off** and extinguished. Payments of those items of the bill in respect of which there is no dispute and of items in dispute, for quantities and rates as approved by Engineer in charge will, be made within the

केन्द्रीय लोक निर्माण विभाग

कार्यालय ज्ञापन

No. DG/CON/Construction 2023/21

ISSUED BY THE AUTHORITY OF DIRECTOR GENERAL, CPWD

Vidyut Bhawan, New Delhi Dated: 18.08.2026

Sub: Modification in Clause 19K: Deployment of Skilled/Semi-Skilled Tradesmen for GCC 2023 Construction Works.

Following modification is made in Clause 19K: Deployment of Skilled/Semi-Skilled Tradesmen for GCC 2023 Construction Works.

Existing Provision	Modified Provision
Clause 19 K **Employment of skilled/ semi-skilled workers** The contractor shall, at all stages of work, deploy skilled/semi-skilled tradesmen who are qualified and possess certificate in particular trade from CPWD Training Institute/Industrial Training Institute/ National Institute of construction Management and Research (NICMAR)/ National Academy of Construction, CIDC or any similar reputed and recognized Institute managed/ certified by State/Central Government.	**Clause 19 K** **Deployment of skilled/semi-skilled workers** The Contractor shall, at all stages of work, deploy skilled and semi-skilled tradesmen who are **duly** qualified and **hold** certificates in **their respective** trade**s**, from **the** CPWD Training Institute, **or from awarding bodies recognized under the aegis of National Council for Vocational Education and Training (NCVET), Ministry of Skill Development and Entrepreneurship (MSDE)**, or any institute recognized/certified by the State or Central Government **for this purpose**.
The number of such qualified tradesmen shall not be less than 20% of total skilled/semi-skilled workers required in each trade at any stage of work. The contractor shall submit number of man days required in respect of each trade, its scheduling and the list of qualified tradesmen along with requisite certificate from recognized Institute to Engineer in charge for approval. Notwithstanding such approval, if the tradesmen are found to have inadequate skill to execute the work of respective trade, the contractor shall substitute such tradesmen within two days of written notice from Engineer-in- Charge. Failure on the part of contractor to obtain approval of Engineer-in Charge or failure	The number of such qualified tradesmen shall not be less than 20% of the total skilled/semi-skilled workers required in each trade at any stage of work. The Contractor shall submit, **for approval of the Engineer-in-Charge, the** number of man-days required for each trade, **the** proposed scheduling, and the list of qualified tradesmen along with requisite certificates issued by any of the above recognized institutes. **To make up any shortfall below the prescribed minimum limit of 20% of skilled/semi-skilled tradesman, the Contractor shall arrange skilling of**

L. S. 2026
AE (C-II)

18/8/2026
EE (Contract)

to deploy qualified tradesmen will attract a compensation to be paid by contractor at the rate specified in schedule 'F' per such tradesman per day. Decision of Engineer in Charge as to whether particular tradesman possesses requisite skill and amount of compensation in case of default shall be final and binding. Provided always, that the provisions of this clause, shall not be applicable for works with estimated cost put to tender being less than Rs. 5 crores. For work costing more than Rs. 10 Crores, and upto Rs. 50 Crores, the contractor shall arrange on site training as per National Skill Development Corporation (NSDC) norms for at least 20% of the unskilled workers engaged in the project in co-ordination with the CPWD Regional Training Institute & National Skill Development Corporation (NSDC) for certification at the level of skilled/semi-skilled tradesmen. For work costing more than Rs. 50 Crores, the contractor shall arrange on site training as per National Skill Development Corporation (NSDC) norms for at least 30% of the unskilled worker engaged in the project in coordination with the CPWD Regional Training Institute & National Skill Development Corporation (NSDC) for certification at the level of skilled/semi-skilled tradesmen. The cost of such training as stated above shall be born by the Government. The necessary space and workers shall be provided by the contractor and no claim what so ever shall be entertained.	**workers at site under the Recognition of Prior Learning (RPL) program, conducted by awarding bodies recognized under NCVET or any institute recognized/certified by the State or Central Government for this purpose. The cost of such recognition/training, including the infrastructure required at site, shall be borne by the Contractor. The tradesmen undergoing training shall be paid their wages by the contractor for period during the training, and no reimbursement in this respect shall be made by the Government.** This provision shall not be applicable for works with **an** estimated cost put to tender **of** less than ₹5 Crore **in case of construction works and less than ₹50 Lakh in case of maintenance works**. **In the event, the contractor fails to provide the mandatory training to the tradesmen, a penalty of ₹1,000 per day per tradesman falling short of the required 20% target shall be imposed on the Contractor. Decision of Engineer in Charge shall be final and binding in this regard.**

This issues with the approval of DG CPWD.

18.08.26

(चन्द्र पाल)
अधीक्षण अभियंता (सी.एंड एम.)

Issued from file No. CSQ/CM/17(1)/2026/ Construction e-file 9196031 (DFA/ 9388060)

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)।

18/8/2026
EE (Contract)

L. S. Meena
AE (C-II)

If the final bill is submitted by the contractor within the period specified above and delay in payment of final bills is made by the department after prescribed time limit, a simple interest @ 5 % (five percent) per annum shall be paid to the contractor from the date of expiry of prescribed time limit, provided the final bill submitted by the contractor is found to be in order.	period of three months. The period **of three months will be** reckoned from the date of receipt of the bill **in complete shape after necessary corrections / additional documents,** by the Engineer-in-Charge. **vi. In case of foreclosure / determination of contract, if the contractor fails to submit the EOT case, final measurement /bills within 30 days of foreclosure/ determination, the EOT case and final bill will be prepared and decided by the department. The final bill shall only be paid after withholding amount equivalent to maximum compensation to be levied on the contractor.** **vii.** If the final bill, **in complete shape,** is submitted by the contractor within the period specified above and delay in payment of final bill is made by the department after prescribed time limit, a simple interest @5% (five percent) per annum **may** be paid to the contractor from the date of expiry of prescribed time limit, provided the final bill submitted by the contractor **contains all the documents as mentioned in para – (iii) & (iv) above.** .
Schedule F **Clause 8** No Provision	**Schedule F** **Clause 8** **Competent Authorities to inspect and issue part / final completion certificate .....** **(To be filled by NIT approving authority).**

This issues with the approval of DG, CPWD.

10/2/25

(दिनेश कुमार उज्जैनिया)
अधीक्षण अभियंता (सी.एंड एम.)

Issued from file No. CSQ/CM/17(1)/2025/Construction
e-file 9190123 (DFA/9315615)
केलोनिवि तथा लोनिवि दिल्ली के सभी अधिकारियों को आवश्यक सूचना एवं कार्यवाही हेतु।
(केलोनिवि वेबसाईट के माध्यम से)

10.2.25
R K SINGH
EE(Manual)

केन्द्रीय लोक निर्माण विभाग
कार्यालय ज्ञापन

No. DG/CON/ Construction 2023/17

ISSUED BY AUTHORITY OF DIRECTOR GENERAL, CPWD

NIRMAN BHAWAN, NEW DELHI **Dated: 03.03.2025**

Subject: Modifications in Clause 14 of GCC 2023 for Construction Works 2023.

The following amendments are made in the Clause 14 of GCC 2023 for Construction Works 2023:

Existing provision	Modified provision
Clause 14 Carrying out part work at risk & cost of contractor If contractor: (iii) The Engineer- in-Charge without invoking action under clause 3 may, without prejudice to any other right or remedy against the contractor which have either accrued or accrue thereafter to Government, by a notice in writing to take the part work / part incomplete work of any item(s) out of his hands and shall have powers to : (a) Take possession of the site and any materials, constructional plant, implements, stores, etc., thereon; and/or (b) Carry out the part work / part incomplete work of any item(s) by any means at the risk and cost of the contractor.	**Clause 14 Carrying out part work at risk & cost of contractor** If contractor: (iii) The Engineer- in-Charge without invoking action under clause 3 may, without prejudice to any other right or remedy against the contractor which have either accrued or accrue thereafter to Government, by a notice in writing to take the part work / part incomplete work of any item(s) out of his hands and shall have powers to : (a) Take possession of the site and any materials, constructional plant, implements, stores, etc., thereon; and/or (b) Carry out the part work / part incomplete work of any item(s) by any means at the risk and cost of the contractor. **The contractor, from whom a part work / part incomplete work of any item(s), has been taken out of his hands, shall not be allowed to participate in the tendering/quotation process of part work / part incomplete work of any item(s).**

This issues with the approval of DG, CPWD.

03.03.25
(आर. के. सिंह)
कार्यपालक अभियन्ता (एम.)

Issued from file No. CSQ/CM/17(1)/2023/Construction e-file-9184028 (DFA/9319526)
केलोनिवि तथा लोनिवि दिल्ली के सभी अधिकारियों को आवश्यक सूचना एवं कार्यवाही हेतु।
(केलोनिवि वेबसाईट के माध्यम से)

R K SINGH
EE(Manual)

केन्द्रीय लोक निर्माण विभाग

कार्यालय ज्ञापन

No. DG/CON/ Construction 2023/18

ISSUED BY AUTHORITY OF DIRECTOR GENERAL, CPWD

NIRMAN BHAWAN, NEW DELHI **Dated: 16.06.2025**

Subject: Modifications in Clause 25.2(b) and 25.6 of GCC 2023 for Construction Works.

The following amendments are made in the Clause 25.2(b) and 25.6 of GCC 2023 for Construction Works:

Existing provision	Modified provision
Clause 25.2 **(b) Qualification of Arbitrators**: It is a term of this contract that each member of the Arbitral Tribunal shall be Graduate Engineer with experience in execution of public works engineering contracts, and he should have worked earlier at a level not lower than the Chief Engineer (equivalent to level of Joint Secretary to the Government of India). The aforesaid educational qualification and work experience shall be mandatory for appointment as Arbitrator. The age of Arbitrator at the time of appointment shall not exceed 75 years. An Arbitrator may be appointed notwithstanding the total number of active arbitration cases with him.	**Clause 25.2** **(b) Qualification of Arbitrators**: It is a term of this contract that each member of the Arbitral Tribunal shall be Graduate Engineer **(in Civil or Electrical or Mechanical Engineering)** with experience in execution of public works engineering contracts and he should have worked earlier at a level not lower than the SAG **(Level 14 of 7th CPC)** of the Government of India). The aforesaid educational qualification and work experience shall be mandatory for appointment as Arbitrator. The age of Arbitrator at the time of appointment shall not exceed **70 years**.
Clause 25.6 **Fee payable to Arbitrator(s):** The fee payable to the arbitral tribunal shall be as per CPWD OM No.2/2006/SE(TLC)/ CSQ/137 dated 19.11.2019 (or latest amendment), and shall be shared equally by both the parties.	**Clause 25.6** **Fee payable to Arbitrator(s) for arbitration cases, shall be as per the fee given in the fourth schedule of the Arbitration & Conciliation Act, 1996** (or latest amendment), and shall be shared equally by both the parties.

This issues with the approval of DG, CPWD.

चन्द्रपाल 16/06/2025

(चन्द्र पाल)

अधीक्षण अभियंता (सी. एंड एम.)

Issued from file No. CSQ/CM/17(1)/2025 / Construction e-file 9135700 (TLC File)

केलोनिवि तथा लोनिवि दिल्ली के सभी अधिकारियों को आवश्यक सूचना एवं कार्यवाही हेतु।

(केलोनिवि वेबसाईट के माध्यम से)

16.06.25

R K SINGH

EE(Manual)

केन्द्रीय लोक निर्माण विभाग

कार्यालय ज्ञापन

No. DG/CON/Construction-2023/19

ISSUED BY THE AUTHORITY OF DIRECTOR GENERAL, CPWD

Nirman Bhawan, New Delhi Dated: 06.11.2025

Subject: Modification of Clause 19L of GCC-2023 for Construction Works.

The clause 19L in GCC-2023 for Construction Works is being modified:

Existing Provision	Modified Provision
Clause 19 L: Contribution of EPF and ESI The ESI and EPF contributions on the part of employer in respect of this contract shall be paid by the contractor. These contributions on the part of the employer paid by the contractor shall be reimbursed by the Engineer-in-charge to the contractor on actual basis. The verification of deployment labour will be done through biometric attendance system or any other suitable method by the Engineer in Charge. 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	**Clause 19 L: Contribution of EPF and ESI** **It will be mandatory for all the agencies to register with ESI and EPFO departments within 30 days of the award of the work unless exempted by the provisions of ESI and / or EPFO and as amended time to time.** The ESI and EPF contributions on the part of employer in respect of this contract shall be paid by the contractor. These contributions on the part of the employer paid by the contractor shall be reimbursed by the Engineer-in-charge to the contractor on actual basis. The verification of deploy**ed** labour will be done through biometric attendance system or any other suitable method by the Engineer in Charge. **The agency shall submit an affidavit on a stamp paper of Rs. 100 that the employees were engaged fully and exclusively on the work for which the claim is being made.** 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

This is issued with the approval of DG CPWD.

06.11.2025

(चन्द्र पाल)

अधीक्षण अभियंता (सी एंड एम)

Chander Pal
SE (C&M)

Issued from file No. CSQ/CM/17(1)/2024/ Construction **e-file 9195855 (DFA/9350595)**

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)।

6/11/25

D.P. Jindal
EE (Contract)

केन्द्रीय लोक निर्माण विभाग

कार्यालय ज्ञापन

No. DG/CON/Misc/46

ISSUED BY THE AUTHORITY OF DIRECTOR GENERAL, CPWD

Nirman Bhawan, New Delhi Dated:18.11.2025

Subject: Advisory on release of security deposit.

There are some instances of non-adherence to mandatory provisions of withholding the dues from the same contract or other contracts, in the cases when any amount is due to be recovered from the contractor before releasing of the security deposit and other dues payable to the contractor as per the provisions of the GCCs.

The relevant provisions exist in clause 29 of the CPWD GCC Construction Works 2023 and GCC Maintenance Works 2023. The same provisions exist in Clause 27 and Clause 28 of CPWD GCC EPC Projects 2024 in respect of deductions / recoveries of the dues from the contractors before releasing of the security deposits and other dues, by the Engineer- in-charge.

All concerned field units are advised to strictly adhere to the above provisions of GCCs.

This issues with the approval of competent authority.

18.11.2025

(चन्द्र पाल)

अधीक्षण अभियन्ता (सी0 एंड एम0)

चन्द्र पाल, अधी. अभि. (सी एण्ड एम)

Chander Pal, SE (C&M)

Issued from file No. CSQ/CM/17(1)/2025/GCC

To,

All the officers of CPWD and PWD Delhi for information and necessary action please. (Through CPWD website)

18/11/25

D.P. Jindal

EE (Contract)

केन्द्रीय लोक निर्माण विभाग

कार्यालय ज्ञापन

No. DG/CON/Construction 2023/20

ISSUED BY AUTHORITY OF DIRECTOR GENERAL, CPWD

VIDYUT BHAWAN, NEW DELHI **Dated: 27.02.2026**

Subject: Modifications in General Rules & Directions, Clause 1 and Schedule E of GCC 2023 Construction Works

The following modifications are made in the General Rules & Directions, Clause 1 and Schedule E of GCC 2023 Construction Works.

Existing provision	Modified provision
General Rules & Directions 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.	**General Rules & Directions** 11 (i) The Contractor whose tender is accepted, will be required to furnish performance guarantee as mentioned in Schedule 'E' and within the period specified in Schedule F. .....
Clause 1 **Performance Guarantee** (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.	**Clause 1** **Performance Guarantee** (i) The contractor shall submit an irrevocable Performance Guarantee 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. .....
Sl. No. (ii) to (v)	No change
SCHEDULE 'E' Reference to General Conditions of contract Sl. No. (i)	**SCHEDULE 'E'** Reference to General Conditions of contract No change

27/2/26
EE(C)
D.P. Jindal
EE (Contract)

(ii) Performance Guarantee : 5% of tendered value.	(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.**
Sl. No. (iii)	No change

This issues with the approval of DG, CPWD.

27.02.2026

(चन्द्र पाल)
अधीक्षण अभियंता (सी.एंड एम.)

अधी. (सी. एण्ड एम.)
Chander Pal, SE (C&M)

Issued from file No. CSQ/CM/17(1)/2026/Construction e-file 9212995 (DFA/ 9365660)

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

27/2/26
EE(C)

D.P. Jindal
EE (Contract)

केन्द्रीय लोक निर्माण विभाग

कार्यालय ज्ञापन

No. DG/CON/Construction 2023/21

ISSUED BY THE AUTHORITY OF DIRECTOR GENERAL, CPWD

Vidyut Bhawan, New Delhi Dated: 18.08.2026

Sub: Modification in Clause 19K: Deployment of Skilled/Semi-Skilled Tradesmen for GCC 2023 Construction Works.

Following modification is made in Clause 19K: Deployment of Skilled/Semi-Skilled Tradesmen for GCC 2023 Construction Works.

Existing Provision	Modified Provision
Clause 19 K **Employment of skilled/ semi-skilled workers**	**Clause 19 K** **Deployment of skilled/semi-skilled workers**
The contractor shall, at all stages of work, deploy skilled/semi-skilled tradesmen who are qualified and possess certificate in particular trade from CPWD Training Institute/Industrial Training Institute/ National Institute of construction Management and Research (NICMAR)/ National Academy of Construction, CIDC or any similar reputed and recognized Institute managed/ certified by State/Central Government.	The Contractor shall, at all stages of work, deploy skilled and semi-skilled tradesmen who are **duly** qualified and **hold** certificates in **their respective** trade**s**, from **the** CPWD Training Institute, **or from awarding bodies recognized under the aegis of National Council for Vocational Education and Training (NCVET), Ministry of Skill Development and Entrepreneurship (MSDE)**, or any institute recognized/certified by the State or Central Government **for this purpose**.
The number of such qualified tradesmen shall not be less than 20% of total skilled/semi-skilled workers required in each trade at any stage of work. The contractor shall submit number of man days required in respect of each trade, its scheduling and the list of qualified tradesmen along with requisite certificate from recognized Institute to Engineer in charge for approval. Notwithstanding such approval, if the tradesmen are found to have inadequate skill to execute the work of respective trade, the contractor shall substitute such tradesmen within two days of written notice from Engineer-in- Charge. Failure on the part of contractor to obtain approval of Engineer-in Charge or failure	The number of such qualified tradesmen shall not be less than 20% of the total skilled/semi-skilled workers required in each trade at any stage of work**.** The Contractor shall submit, **for approval of the Engineer-in-Charge, the** number of man-days required for each trade, **the** proposed scheduling, and the list of qualified tradesmen along with requisite certificates issued by any of the above recognized institutes. **To make up any shortfall below the prescribed minimum limit of 20% of skilled/semi-skilled tradesman, the Contractor shall arrange skilling of**

L. S. 2026
AE (C-II)

18/8/2026
EE (Contract)

to deploy qualified tradesmen will attract a compensation to be paid by contractor at the rate specified in schedule 'F' per such tradesman per day. Decision of Engineer in Charge as to whether particular tradesman possesses requisite skill and amount of compensation in case of default shall be final and binding. Provided always, that the provisions of this clause, shall not be applicable for works with estimated cost put to tender being less than Rs. 5 crores. For work costing more than Rs. 10 Crores, and upto Rs. 50 Crores, the contractor shall arrange on site training as per National Skill Development Corporation (NSDC) norms for at least 20% of the unskilled workers engaged in the project in co-ordination with the CPWD Regional Training Institute & National Skill Development Corporation (NSDC) for certification at the level of skilled/semi-skilled tradesmen. For work costing more than Rs. 50 Crores, the contractor shall arrange on site training as per National Skill Development Corporation (NSDC) norms for at least 30% of the unskilled worker engaged in the project in coordination with the CPWD Regional Training Institute & National Skill Development Corporation (NSDC) for certification at the level of skilled/semi-skilled tradesmen. The cost of such training as stated above shall be born by the Government. The necessary space and workers shall be provided by the contractor and no claim what so ever shall be entertained.	**workers at site under the Recognition of Prior Learning (RPL) program, conducted by awarding bodies recognized under NCVET or any institute recognized/certified by the State or Central Government for this purpose. The cost of such recognition/training, including the infrastructure required at site, shall be borne by the Contractor. The tradesmen undergoing training shall be paid their wages by the contractor for period during the training, and no reimbursement in this respect shall be made by the Government.** This provision shall not be applicable for works with **an** estimated cost put to tender **of** less than ₹5 Crore **in case of construction works and less than ₹50 Lakh in case of maintenance works**. **In the event, the contractor fails to provide the mandatory training to the tradesmen, a penalty of ₹1,000 per day per tradesman falling short of the required 20% target shall be imposed on the Contractor. Decision of Engineer in Charge shall be final and binding in this regard.**

This issues with the approval of DG CPWD.

18.08.26

(चन्द्र पाल)
अधीक्षण अभियंता (सी.एंड एम.)

Issued from file No. CSQ/CM/17(1)/2026/ Construction e-file 9196031 (DFA/ 9388060)

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)।

18/8/2026
EE (Contract)

L. S. Meena
AE (C-II)

Schedule of Quantities

SCHEDULE OF QUANTITIES

Balance Civil and Allied Works for Making the Existing IIT Goa Hostel Blocks near Academic Block-II Functional – Construction of Septic Tanks and Sewerage System, including External Sewer Network and Associated Works, and Installation of Water Storage Tanks at the Newly Acquired Hostel Buildings of IIT Goa.

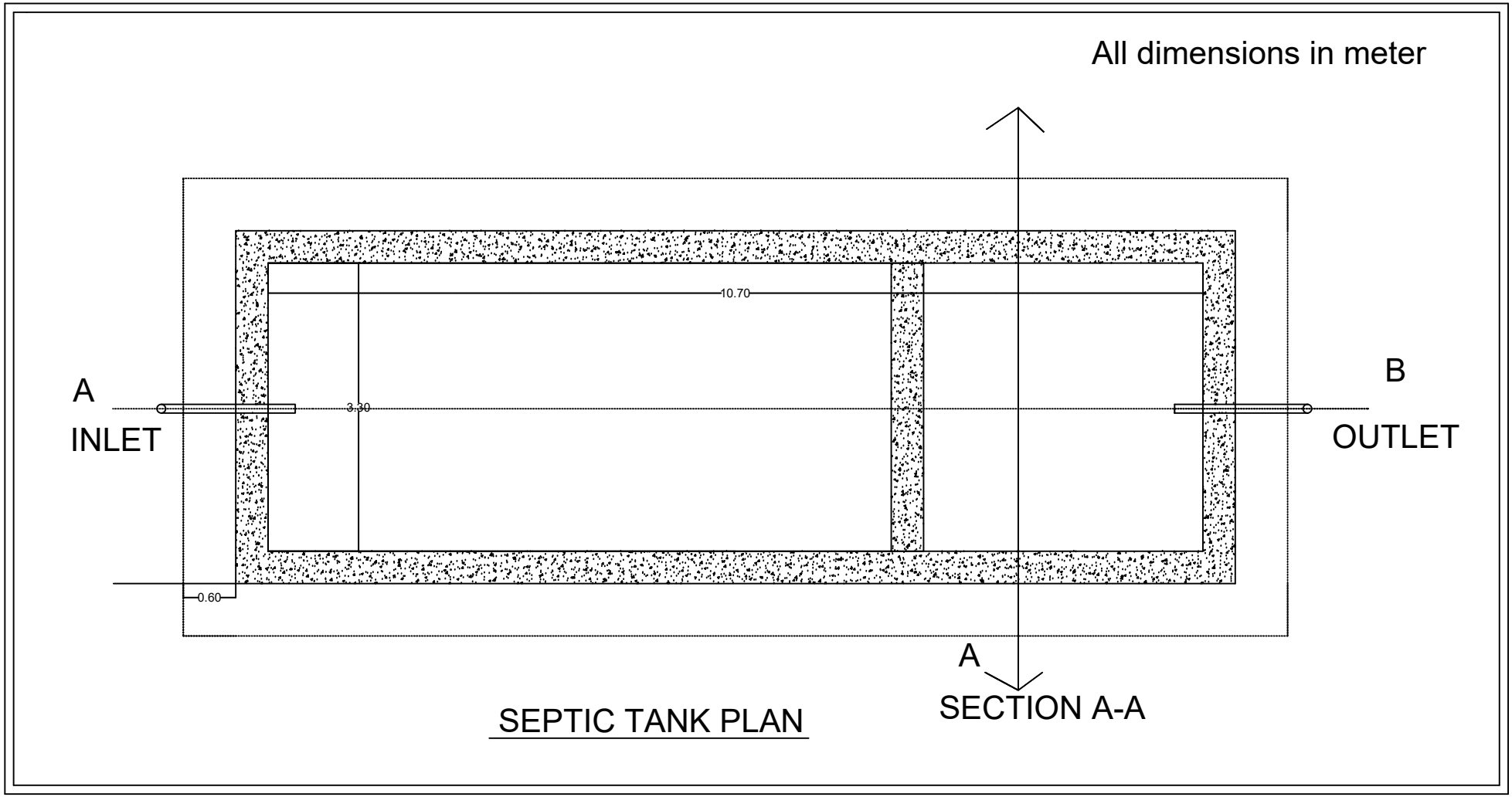
Sl.No.	Description of Item	Quantity		Rate (Rs)	Unit	Amount(Rs)	DSR-23 Code/M.R
Construction of Septic tank							
1	Earth work in excavation by mechanical means (Hydraulic excavator)/ manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including getting out and disposal of excavated earth lead upto 50 m and lift upto 1.5 m, as directed by Engineer-in-charge.						
	Hard rock (blasting prohibited)	152.34	cum	1603.40	One cumec	244258.00	2.7.3
2	1:3:6 (1 Cement : 3 coarse sand (zone-III) derived from natural sources : 6 graded stone aggregate 20 mm nominal size derived from natural sources)	6.62	cum	8162.40	One cumec	54063.00	4.1.5
3	Providing and laying in position specified grade of reinforced cement concrete, excluding the cost of centering, shuttering, finishing and reinforcement - All work up to plinth level :						
	1:1.5:3 (1 cement : 1.5 coarse sand (zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources)	13.61	cum	10121.74	One cumec	137742.00	5.1.2
4	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level.						
	Mild steel and Medium Tensile steel bars	1088.68	Kg	119.84	One Kg	130467.00	5.22.1
5	Centering and shuttering including strutting, propping etc. and removal of form for						
	Foundations, footings, bases of columns, etc. for mass concrete	57.22	Sqm	438.80	One Sqm	25109.00	5.9.1
	Walls (any thickness) including attached pilasters, butteresses, plinth and string courses etc.	9.19	Sqm	942.72	One Sqm	8661.00	5.9.2
6	12 mm cement plaster finished with a floating coat of neat cement of mix :						
a)	1:3 (1 cement: 3 fine sand)	66.41	Sqm	491.50	One Square Metre	32640.00	13.7.1
7	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 and for all lift.	30.47	cum	219.31	One cumec	6682.00	2.25
8	Laterite Masonry in neatly dressed stones of as specified in cement mortar 1:5 (1 cement : coarse sand) in foundation and plinth.	25.35	cum	8460.00	One cumec	214481.00	M.R
9	Providing and Fixing of Rectangular shape 600x450 mm precast R.C.C. manhole cover with frame - L.D. - 2.5	2.00	each	1429.48	each	2859.00	Derived DSR 7130

10	Providing and fixing 75 mm dia unplasticised rigid PVC pipe conforming to IS 13592 Type A for ventilation of septic tank, including necessary socketed joints, PVC couplers/bends, clamps and supports, cutting, fixing, jointing with suitable seal rings, carriage, scaffolding wherever required and all labour and materials complete as directed by the Engineer-in-Charge, but excluding mosquito-proof ventilating cowl/mesh at top, measured per metre.	35.00	mtr	395.80	One Metre	13853.00	M.R
11	Providing and fixing mosquito-proof ventilating cowl/mesh of suitable size for 75 mm dia uPVC septic tank ventilating pipe, including PVC/GI frame, stainless steel/GI mosquito-proof wire mesh, fixing, clamps, fasteners and all materials and labour complete.	2.00	Nos	480.07	Nos	960.00	M.R
Sewerage System including External Sewer Network and Associated works							
12	Earth work in excavation by mechanical means (Hydraulic excavator)/ manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including getting out and disposal of excavated earth lead upto 50 m and lift upto 1.5 m, as directed by Engineer-in-charge.						
	Hard rock (blasting prohibited)	50.29	cum	1603.40	One cumec	80632.00	2.7.3
13	Excavating trenches of required width for pipes, cables, etc, including excavation for sockets, depth upto 1.5 m, including getting out the excavated materials, returning the soil as required in layers not exceeding 20 cm in depth, including consolidating each deposited layers by ramming, watering etc., stacking serviceable material for measurements and disposal of unserviceable material as directed, within a lead of 50 m :						
	Hard rock (blasting prohibited)						
	Pipes, cables etc. exceeding 80 mm dia but not exceeding 300 mm dia	200.00	mtr	2290.83	One meter	458165.00	2.13.3.2
14	Providing and laying non-pressure NP2 class (light duty) R.C.C. pipes with collars jointed with stiff mixture of cement mortar in the proportion of 1:2 (1 cement : 2 fine sand) including testing of joints etc. complete :						
	150 mm dia. R.C.C. pipe	200.00	mtr	622.64	One Metre	124528.00	19.6.2
15	1:3:6 (1 Cement : 3 coarse sand (zone-III) derived from natural sources : 6 graded stone aggregate 20 mm nominal size derived from natural sources)	2.00	cum	8162.40	One cumec	16325.00	4.1.5
16	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 and for all lift.	10.63	cum	219.31	One cumec	2332.00	2.25
17	Making plinth protection 50 mm thick of cement concrete 1:3:6 (1 cement : 3 coarse sand (zone-III) derived from natural sources : 6 graded stone aggregate 20 mm nominal size derived from natural sources) over 75 mm thick bed of dry brick ballast 40 mm nominal size, well rammed and consolidated and grouted with fine sand, including necessary excavation, levelling & dressing & finishing the top smooth	275.00	Sqm	838.43	one Sqm	230568.00	4.17

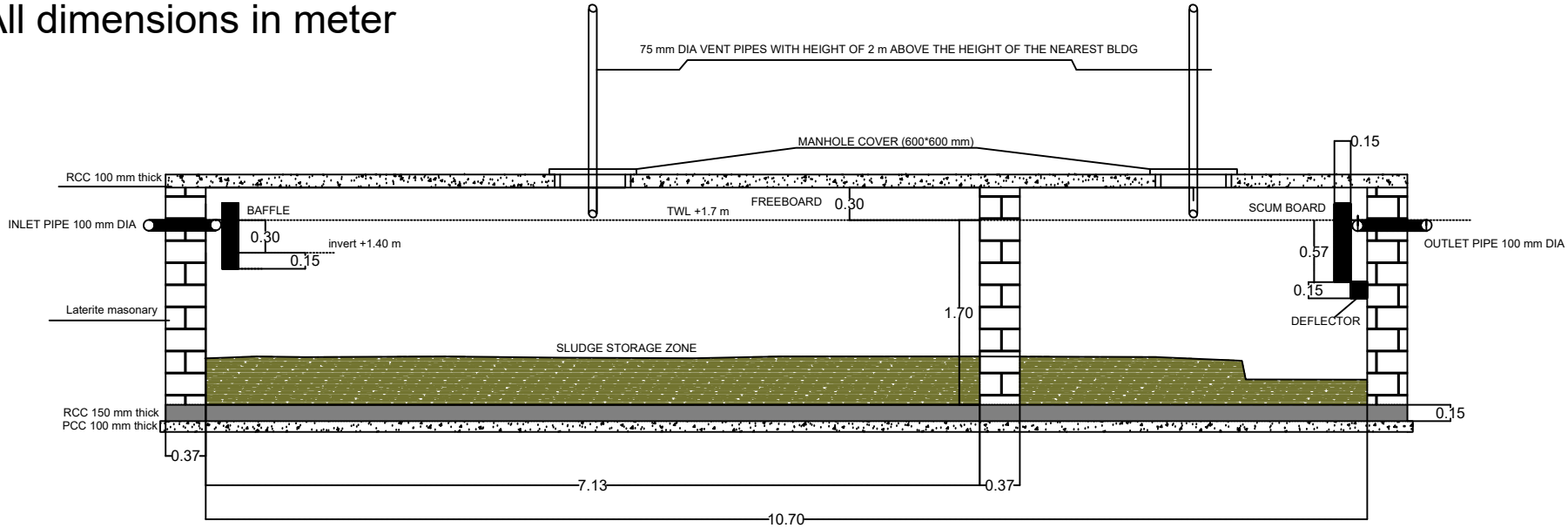
18	Providing and fixing square-mouth S.W. gully trap class SP-1 complete with C.I. grating brick masonry chamber with water tight C.I. cover with frame of 300 x 300 mm size (inside) the weight of cover to be not less than 4.50 kg and frame to be not less than 2.70 kg as per standard design:						
	150 x 100 mm size P type With common burnt clay F.P.S. (non modular) bricks of class designation 7.5	14.00	Nos	3059.54	One Nos	42834.00	19.4.2.1
19	Constructing brick masonry chamber for underground C.I. inspection chamber and bends with bricks in cement mortar 1:4 (1 cement : 4 coarse sand) C.I. cover with frame (light duty) 455x610 mm internal dimensions, total weight of cover with frame to be not less than 38 kg (weight of cover 23 kg and weight of frame 15 kg), R.C.C. top slab with 1:1.5:3 mix (1 cement : 1.5 fine sand : 3 graded stone aggregate 20 mm nominal size), foundation concrete 1:5:10 (1 cement : 5 fine sand : 10 graded stone aggregate 40 mm nominal size), inside plastering 12 mm thick with cement mortar 1:3 (1 cement : 3 coarse sand), finished smooth with a floating coat of neat cement on walls and bed concrete etc. complete as per standard design:						
	Inside dimensions 455x610 mm and 45 cm deep for single pipe line : With common burnt clay F.P.S. (non modular) bricks of class designation 7.5	8.00	Nos	7763.16	One Nos	62105.00	19.30.1.1
	Inside dimensions 500x700 mm and 45 cm deep for pipe line with one or two inlets : With common burnt clay F.P.S. (non modular) bricks of class designation 7.5	5.00	Nos	9120.00	One Nos	45600.00	19.30.2.1
20	Extra for depth beyond 45 cm of brick masonry chamber :						
	For 455x610 mm size With common burnt clay F.P.S. (non modular) bricks of class designation 7.5	5.00	mtrs	6844.62	One metre	34223.00	19.31.1.1
	For 500x700 mm size With common burnt clay F.P.S. (non modular) bricks of class designation 7.5	2.00	mtrs	7475.26	One metre	14951.00	19.31.2.1
21	Constructing brick masonry manhole in cement mortar 1:4 (1 cement : 4 coarse sand) with R.C.C. top slab with 1:1.5:3 mix (1 cement : 1.5 coarse sand (zone-III) : 3 graded stone aggregate 20 mm nominal size), foundation concrete 1:4:8 mix (1 cement : 4 coarse sand (zone-III) : 8 graded stone aggregate 40 mm nominal size), inside plastering 12 mm thick with cement mortar 1:3 (1 cement : 3 coarse sand) finished with floating coat of neat cement and making channels in cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) finished with a floating coat of neat cement complete as per standard design :						
	Inside size 120x90 cm and 90 cm deep including C.I. cover with frame (medium duty) 500 mm internal diameter, total weight of cover and frame to be not less than 116 kg (weight of cover 58 kg and weight of frame 58 kg) :						
	With common burnt clay F.P.S. (non modular) bricks of class designation 7.5	1.00	Nos	29546.43	Nos	29546.00	19.7.2.1

22	Extra for depth for manholes :						
	Size 120x90 cm						
	With common burnt clay F.P.S. (non modular) bricks of class designation 7.5	1.00	mtr	11844.65	one meter	11845.00	19.8.2.1
23	Making soak pit 2.5 m diameter 3.0 metre deep with 45 x 45 cm dry brick honeycomb shaft with bricks and S.W. drain pipe 100 mm diameter, 1.8 m long complete as per standard design. With common burnt clay F.P.S. (non modular) bricks of class designation 7.5	2.00	Nos	30057.12	One Nos	60114.00	19.32.1
Installation of water storage tanks							
24	Excavation work by mechanical means (Hydraulic excavator)/ manual means in foundation trenches or drains (not exceeding 1.5m in width or 10 sqm on plan) including dressing of sides and ramming of bottoms, lift up to 1.5 m, including getting out the excavated soil and disposal of surplus excavated soils as directed, within a lead of 50m.						
	Hard rock (blasting prohibited)	9	Cum	1704.22	One Cubic Metre	15338.00	2.9.3
25	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :						
	1:3:6 (1 Cement : 3 coarse sand(zone-III) derived from natural sources : 6 graded stone aggregate 20 mm nominal size derived from natural sources).	3.24	Cum	8162.40	One Cubic Metre	26446.00	4.1.5
26	Providing and laying in position specified grade of reinforced cement concrete, excluding the cost of centering, shuttering, finishing and reinforcement - All work up to plinth level :						
	1:1.5:3 (1 cement : 1.5 coarse sand (zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources)	2.88	Cum	10121.74	One Cubic Metre	29151.00	5.1.2
27	Centering and shuttering including strutting, propping etc. and removal of form for :						
	Lintels, beams, plinth beams, girders, bressumers and cantilevers	6.2	Sqm	823.99	One Square Metre	5109.00	5.9.5
28	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level.						
	Thermo-Mechanically Treated bars of grade Fe-500D or more.	246.4	Kg	120.68	One Kilogram	29735.00	5.22.6
29	12 mm cement plaster of mix :						
	1:4 (1 cement: 4 coarse sand)	12.4	Sqm	399.86	One Square Metre	4958.00	13.4.1
30	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings. This includes jointing of pipes & fittings with one step CPVC solvent cement, trenching, refilling & testing of joints complete as per direction of Engineer in Charge : External work						
	50 mm nominal outer dia. Pipes.	50	m	888.73	One Running Metre	44436.00	18.9.6

31	Providing and placing on terrace (at all floor levels) polyethylene water storage tank, IS : 12701 marked, with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank.	20000	Ltr	12.31	One Litre	246169.00	18.48
32	Laterite Masonry in neatly dressed stones as specified in cement mortar 1:5 (1 cement : 5 coarse sand) in foundation and plinth	6.85	Cum	8460.00	One Cubic Metre	57951.00	MR.1
					Total	**2544836.00**	


All dimensions in meter
10.70
3.30
0.60
A
INLET
B
OUTLET
A
SECTION A-A
SEPTIC TANK PLAN

All dimensions in meter



SEPTIC TANK SECTION A-A

Validate Print Help

Percentage BoQ

Tender Inviting Authority: Sr.Ex.Engr, IIT Goa

Name of Work: Balance Civil and Allied Works for Making the Existing IIT Goa Hostel Blocks near Academic Block-II Functional – Construction of Septic Tanks and Sewerage System, including External Sewer Network and Associated Works, and Installation of Water Storage Tanks at the Newly Acquired Hostel Buildings of IIT Goa.

Contract No: IITGoa/IWD/2026-27/16

Name of the Bidder/ Bidding Firm / Company :	

PRICE SCHEDULE

(This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevent columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only)

Sl. No.	Item Description	Quantity	Units	Estimated Rate in Rs. including taxes overheads and Profits	Total Amount in Rs. including taxes overheads and Profits	TOTAL AMOUNT In Words
1	As per SOQ (Schedule of Quantities)	1.00	Job	2544836.00	**2544836.00**	INR Twenty Five Lakh Forty Four Thousand Eight Hundred Thirty Six & Paise Zero Only
Total in Figures					**2544836.00**	INR Twenty Five Lakh Forty Four Thousand Eight Hundred Thirty Six & Paise Zero Only
Quoted Rate in Figures			**Select**		**0.00**	INR Zero Only
Quoted Rate in Words		**INR Zero Only**				