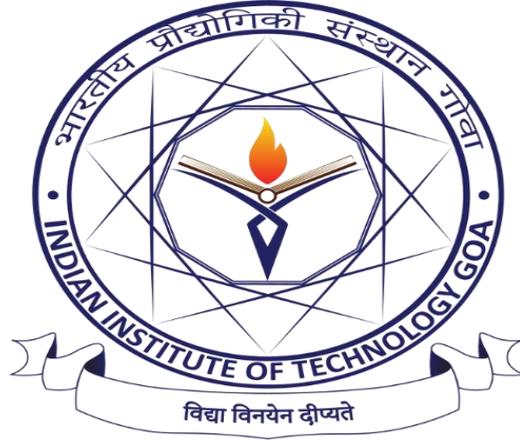


NIT No. IITGOA/IWD/2025/38 dated 17.03.2026



NOTICE INVITING TENDER (NIT)

Name of the work: Annual Repair and Maintenance Operation of Electrical Installations and Buildings at IIT Goa

This NIT contains Pages 1 to 129 excluding cover pages

Sd/-
Executive Engineer (Electrical)
IIT Goa
Email: ex.eng.ee@iitgoa.ac.in

INDEX

PART - I : INSTRUCTIONS TO THE BIDDERS FOR ONLINE BID SUBMISSION 4

1.1 REGISTRATION.....	4
1.2 SEARCHING FOR TENDER DOCUMENTS	4
1.3 PREPARATION OF BIDS	5
1.4 SUBMISSION OF BIDS	5
1.5 ASSISTANCE TO BIDDERS	7

PART – II : ELIGIBILITY & QUALIFICATION REQUIREMENTS 8

2.0 Technical Eligibility – Similar Work Experience.....	8
2.1 Financial Capacity	8
2.2 Statutory Requirements	9

PART – III : GENERAL INFORMATION AND INSTRUCTIONS TO BIDDERS 10

3.0 The description of the work is as follows:	10
3.1 Availability of Tender Documents:.....	10
3.2 Performance Guarantee	10
3.4 Important Instructions.....	10
3.5 Site Conditions and Pre-Bid Obligations.....	11
3.6 Labour Laws, Safety and Statutory Compliance	12
3.7 Rates, Taxes and Payments.....	12
3.8 Public Procurement (Preference to Make in India), Order 2017:	13
3.9 Signing of Agreement	14
3.10 Jurisdiction	14

PART – IV : SCOPE OF WORK 16

PART – V : PROFORMA OF SCHEDULES..... 29

PART – VI : SPECIAL CONDITIONS OF CONTRACT [SCC] 36

6.1 Order of Preference	36
6.2 Execution, Coordination and Drawings	36
6.3 Associated Civil Work.....	37
6.4 Materials, Testing and Quality Control.....	38
6.5 Workmanship	39
6.6 Indemnity	39
6.7 Water, Electricity and Temporary Works	40
6.8 Protection of Works and Existing Services.....	40
6.9 Progress Programme and Reporting	40
6.10 Specialised Works and Agencies.....	41
6.11 Manufacturer’s Authorisation Form (<i>if applicable</i>).....	41
6.12 Engineer-in-Charge : Operating Procedure	41

PART – VII : ADDITIONAL CONDITIONS OF CONTRACT..... 43

7.1 Additional Conditions Specific to this Work.....	43
--	----

PART – VIII : CONTRACT AGREEMENT 50

FORMS AND APPENDICES..... 52

Checklist of documents to be submitted along with Technical Bid	53
Form: A :: Undertaking for GST Registration Certificate	55
FORM – B:: Financial Capacity	56
FORM – C :: Details of Eligible Works	57
FORM-D :: Undertaking for Non-Blacklisting	58
Form: E :: Undertaking for Valid Electrical License	59
Form: F :: Undertaking for Association of Specialized Agencies	60
Form: G :: Declaration of Local Content	61
FORM-H:: Manufacturer’s Authorisation Form	62
Appendix-1 :: Letter of Transmittal	63
Appendix-2 :: Format for Bank Guarantee	64
Appendix-3 :: Format for Guarantee Bond	66
Appendix-4 :: Suggested Format for Experience Certificate	67
Appendix-5 :: Mandatory Tests	68
Appendix-6 :: MoU for Specialised Works	69
Appendix-7 :: List of Approved Makes	70
A. Electrical Works:	70
B. ELV Systems	72
C . Fire-fighting systems	74
D. Mechanical Works	75

AMENDMENTS TO GCC MAINTENANCE WORKS 2023 76

SCHEDULE OF QUANTITIES 119

INDIAN INSTITUTE OF TECHNOLOGY GOA

NOTICE INVITING TENDER

NIT Reference No. IITGOA/IWD/2025/38 dated 17.03.2026

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/2025/38 dated 17.03.2026
1.2	Name of Work:	Annual Repair and Maintenance Operation of Electrical Installations and Buildings at IIT Goa
1.3	Estimated Cost Put to Tender (ECPT):s <i>(given merely as a rough guide)</i>	52,85,290/- (incl. GST)
1.4	Earnest Money Deposit (EMD):	1,05,706/-
1.5	Period of Completion:	12 Months
1.6	Date of Online Publication of Tender	17.03.2026 at 11.00 Hrs
1.7	Date of Downloading of Tender	17.03.2026 at 11.00 Hrs
1.8	Last Date for Submission of Bids	24.03.2026 at 11.00 Hrs
1.9	Date of Prebid Meeting	NA
1.10	Date and time of Opening of Technical Bids	25.03.2026 at 11.00 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.
- 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:”

Annual Repair/Maintenance/Operation of Electrical Installations

2.1 Financial Capacity

1. Average Annual Turnover: (INR): 15.86 lakhs

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): 7.93 lakhs

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.

The bidder should have appropriate (MV or above) class valid electrical contractor license issued by State Licensing Authority of Goa. If the bidder does not have valid electrical contractor license then bidder should submit an undertaking for engaging a valid electrical license holder of eligible class for execution of said work. (Form-E)

PART – III : GENERAL INFORMATION AND INSTRUCTIONS TO BIDDERS

3.0 The description of the work is as follows:

Annual Repair and Maintenance Operation of Electrical Installations and Buildings at IIT Goa – as per schedule of quantities

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 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/-.

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

5. 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 valued 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.

Executive Engineer (Electrical)
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:

Signature of Contractor

Postal Address
Address:

**Bidder Must Sign this Form and Put his
Seal**

PART – IV : SCOPE OF WORK

1. General Scope of Work:

The Scope of work covers the following items:

- a) Providing Operational & Maintenance services of all E&M Installations of IIT Goa, by deploying manpower round the clock as per the Institute requirement and as specified in NIT.
- b) Upkeep and routine maintenance of all E&M installations in buildings, facilities, hired premises, and residential accommodations at the IIT Goa Transit Campus.
- c) To ensure power supply to the all facilities and buildings of IIT Goa Transit Campus & any other ancillary building round the clock by State Electricity Board supply or by DG set supply
- d) Carrying out day-to-day maintenance and scheduled servicing of installations, including general cleaning and attending complaints.
- e) Maintaining all E&M Installation in serviceable condition and ensuring availability of all critical services related to Institute Operations.
- f) Attending to breakdowns promptly and restoring the installations to normal working condition.
- g) Servicing of Breaker, Panels, HT Substation Equipments, Oil Filtrations etc as per NIT.
- h) AMC of one 500 KVA DG set through authorised service dealer of Kirlosker by Association of Agency as per NIT.
- i) Maintaining cleanliness in the DG set area, switch rooms, electrical panels, MCBs, DBs and other related installations.
- j) During the contract period if any new installations are added / replaced or modified the existing ones in these areas, which do not warrant any additional manpower/time, the maintenance services for these installations are also to be provided by the contractor without any extra cost. The decision of EIC in this regard will be final & binding on the Contractor.
- k) The work shall be carried out as per specifications and relevant applicable standard including ISI/CPWD specification

2. About the Site:

The IIT Goa is presently operating from its Transit Campus at GEC Campus, Farmagudi, Ponda, Goa. The residential, academic, and other facilities of IIT Goa are located at different locations within the GEC Campus at Farmagudi as well as in residential accommodations in Ponda city. The movement of manpower within the GEC Campus, as required for O&M works, shall be within the scope of the contractor, and no extra payment shall be made on this account. All workers deployed at site shall carry adequate tools and equipment required for attending complaints and executing maintenance works.

3. Deployment of Labour - Qualification and Wages of Staff

- a) The contractor should depute the persons as per the qualification given below for shift operation and maintenance works. All the manpower to be deployed shall comply with following criteria. Documents in respect of proposed deputed manpower (viz. Technical & Educational Qualification etc.) shall be submitted for approval to the E-I-C of this work within three (3) days of date of start of contract.
- b) The manpower deployed under this contract by the contractor shall be purely temporary or contract basis working under the Pay roll of the contractor as per the contract Labour (Regulation and Abolition) rules and Government stipulation from time to time.

S. No.	Designation	Category	Qty.	Qualification & Experience	Wages
1	Electrical Supervisor	Highly Skilled	1	Diploma in Electrical with minimum 1 years relevant experience OR ITI in Electrician trade with minimum 7 years relevant experience. Should have valid Supervisor License issued by Govt of Goa.	Shall be paid extra allowance of Rs. 3000/- per month in addition to the minimum wages.
2	Electrician	Skilled	7	ITI in Wiremen/Electrician trade with minimum 2 years relevant experience. Should have valid Wiremen License issued by Govt of Goa.	Shall be paid as per minimum wages
3	Mechanic	Skilled	1	ITI in Refrigeration and Air Conditioning trade with minimum 2 years relevant experience.	Shall be paid as per minimum wages

Note: However, EIC reserve the rights to relax above mentioned educational requirement and experience criteria for any skilled person or highly qualified person suitable to site requirements

- c) Electrical Supervisor must be available for maintenance work and breakdown calls across all shifts as needed. He will oversee the complete electrical HT/LT system, manage day-to-day complaints, and supervise all related activities, recording findings in a logbook and act as Contractor's representative at site. The Supervisor's residence should preferably be within 10-15 Kms from the IIT Goa Campus for purpose of immediate availability in emergencies.
- d) The firm has to depute manpower as mentioned in table above for O&M of all electrical installations in compliance with contract clauses. The manpower provided shall not be less than the minimum manpower specified above. Provision of weekly off to the workers is mandatory. **The total manpower reflected in above table is inclusive of reliever.** (Note: No reliever is required to be considered for highly skilled category during one day weekly off for them).
- e) The Contractor shall ensure that one (1) dedicated mobile number and cell phone within 15 days of start of work, with sufficient recharge balance, is available at all times at the designated manning point for communication in case of any electrical emergency at the site. The cost towards the same shall be deemed to be included in the price quoted by the Contractor.
- f) **TIMING AND DUTY ROSTER:**

General Shift: 09.30 AM to 05.30 PM

Round the Clock: Morning/ Evening/ Night Shift as per duty roster (8 hours per shift).

The shift timing may be changed later during currency of the contract based on the requirement of the Institute. The Contractor shall follow duty hours of deployed

staff as per Labour Laws. However, the staff shall remain available to attend to breakdown calls outside their scheduled shifts, if required, and may be called upon to report for duty at any time in case of emergency.

The Contractor shall be responsible to prepare the duty roster for succeeding month for all staff deployed and submit the same for approval from Jr Engineer latest by 25th of every month, to enable any change to be incorporated and issue the final roster to all staff by 28th of every month. The Contractor shall ensure that staff deployed strictly adhere to duty roster.

- a) **Recovery Rate:** In case of absence of staff from duty without prior approval, recovery will be made by the department at the following rates, which shall be binding on the contractor:

Highly Skilled : As per daily wages.
 Skilled : As per daily wages.
 Semi-Skilled : As per daily wages.
 Un-Skilled : As per daily wages.

But apart from daily wages, an amount of Rs. 200/- will be recovered from the agency per person per shift for absenteeism of any worker as a penalty.

The EIC has full rights to instruct the agency of expel / replace the person with the habit of taking unauthorized leaves / frequently or continuously absent without proper justification/ behavioural problems, which may impact the morale of co-workers and smooth operation of the Institute.

b) **UNIFORM:**

- i) The contractor has to provide every year during the currency of the contract, uniform set as mentioned in table below to all the manpower deployed of approved color by EIC during the contract period failing which, the Institute will withheld/recover an amount of Rs 200/- per person per week till the compliance of the same from the contractor's running/final bill. The uniform shirt/t-shirt shall be labelled with company's name on suitable location.
- ii) In the event of non-compliance of wearing uniform & shoes by workers on daily basis a recovery of Rs. 50/-per day per person shall be made from running bills.
- iii) The Contractor shall also ensure that each staff deployed at site shall have valid Company Photo Identity Card.
- iv) The Contractor team/staff should be well dressed during the duty time, which should be proper, clean and tidy.

A LIST OF UNIFORM INCLUDED IN THE SCOPE OF WORK WITHOUT ANY ADDITIONAL COST				
<i>To be Provide within 15 days of start of work</i>				
SI No	UNIFORM FOR ENGAGED MANPOWER	MAN POWER	QTY /MANPOWER	Total for 12 Months
1	T-Shirt/Shirt (Half Sleeve)	9	2	18
2	Pant/Trouser	9	2	18
3	Men's Shoes [Electrical Safety Grade] in Pair	9	1	9
4	Men's Shocks [Full Length] in Pair	9	2	18
5	Company ID Card	9	1	9

c) **TOOLS & TACKLES AND CONSUBALES:**

The contractor shall provide and maintain all necessary tools and equipment for the successful operation and maintenance required at site, at their own cost within stipulated period from start of work. Nothing-extra payment for the same will be made by the Institute. An indicative list of tools/tackles is mentioned hereunder:

B	LIST OF TOOLS INCLUDED IN THE SCOPE OF WORK WITHOUT ANY ADDITIONAL COST					
	<i>To be Provide within 15 days of start of work</i>					
S.No	Tools	Unit	Make	Man power	Qty/ Manpower	Total
1	Insulated Cutting Pliers	Each	Taparia, Pye, Stanley	9	1	9
2	Screw Driver Set Small Size ["+ ", "-"]	Each		9	1	9
3	Wire Stripers	Each		9	1	9
4	Line Tester [230 & 415 V]	Each		9	1	9
5	Toolkit Bag [Good Strength/Material]	Each	Reputed	3	1	3

C	LIST OF COMMON TOOLS INCLUDED IN THE SCOPE OF WORK WITHOUT ANY ADDITIONAL COST			
	<i>To be Provide within 15 days of start of work</i>			
S.No	Description	Unit	Make	Qty.
1	Box Spanner set complete with ratchet and socket accessories	SET	Taparia, Pye, Stanley	1
2	Double End Spanner (Set of 12 Spanners of all size)	SET	Taparia, Pye, Stanley	1
3	Ring Spanner (Set of 12 Spanners of all size)	SET	Taparia, Pye, Stanley	1
4	Curved claw Hammer	Each	Taparia, Pye, Stanley	2
5	Bal Peen Hammer	Each	Taparia, Pye, Stanley	2
6	Screw Driver Large Size (+ & - head) [Length ~ 250 MM]	Each	Taparia, Pye, Stanley	3
7	Screw Driver Medium Size (+ & - head) [Length ~ 200 MM]	Each	Taparia, Pye, Stanley	3
8	Crimping Tools for Copper Wire [1.5 to 6 Sq.mm]	SET	Taparia, Jainson, Stanley	1
9	Nose Pliers	Each	Taparia, Pye, Stanley	3
10	Wire Cutter	Each	Taparia, Pye, Stanley	3
11	Allen Key	Set	Taparia, Pye, Stanley	2
12	Portable Electric Drill Machine with Bits (concrete & Metal) of All size with necessary connectors	Set	Bosch, Stanley, Black & Decker or Reputed	1
13	Heavy Duty Hammer type Electric Drill Machine with Bits (concrete & Metal) of All size with necessary connectors	Set	Bosch, Stanley, Black & Decker or Reputed	1
14	Clamp meter/Multimeter with valid Calibration Certificate	Each	Stanley, Fluke, Metravi or Reputed	2
15	Pressure and compound gauge manifold	Each	ISI marked	1
16	Blower	Each	Bosch, Stanley, Black & Decker or Reputed	1

17	Portable Jet Pump for AC Cleaning	Each	Bosch, Stanley, Black & Decker or Reputed	1
18	Indoor split ac cleaning cover	Each	Reputed	2
19	Hexa blade with frame	Each	Taparia, Pye, Stanley	3
20	Cutter blade (for cable stripping)	Each	Taparia, Pye, Stanley	2
21	Heavy duty Aluminum double side self-support type Ladder 10 step	Each	Reputed	2
22	Heavy duty Aluminum double side self-support type Ladder 15 step	Each	Reputed	2
23	Scissor	Each	Kangaroo	2
24	Fuse puller	Each	Reputed	1
25	Soldering gun kit	Each	Reputed	1
26	Megger with Calibration Certificate [500 V] Analog/Digital	Each	Meco or Reputed	1
27	Earth Resistance Tester with Calibration Certificate Analog/Digital	Each	Meco or Reputed	1
28	First-Aid Kit	Set	Apollo, Medplus, Tata 1mg	2
29	Good quality durable Raincoat/ Umbrella	Each	Zeel, Boldfit or Reputed	9
30	Gumboot	Pair	Karam, Vaultex	2
31	Electrician gloves	Pair	Vidhyut, Karam, Raychem	7
32	Safety Gloves [HT 11 KV Grade]-	Pair	Vidhyut, Karam, Raychem	1
33	Rechargeable LED Dragon Light/ Search Light [Hand Held type]	Each	Philips, Wipro, Everyday	2
34	Safety Harness Belt	Each	Karam, Reputed	2

D LIST OF CONSUMABLES INCLUDED IN THE SCOPE OF WORK WITHOUT ANY ADDITIONAL COST				
S.No	Description	Unit	Qty	Remarks
1	INSULATION TAPE	Each	10 Rolls / Month	As and when required
2	Cotton Waste Cloths	Each	Lump Sum	
3	Anti-Rust Spray / WD 40	Each	5	
4	CRC spray	Each	3	
The contractor as per the site requirement shall provide the Stationery Items like registers, logbooks, worker dairy, maintenance schedule (monthly, quarterly, half-yearly, yearly etc.), attendance register, register as per labour laws, etc. The registers shall be in printed form as per directions of EIC. The cost of all such consumables and stationery to be borne by the contractor.				

Note: Any other tools despite of listed felt necessary for execution of the work like lugs, cable tie, cable clips etc would also have to be arranged by the contractor. The contractor has to keep all T&P (as listed above) required for the successful operation of the entire equipment & attending complaints to be available all the time at site, failing which the same will be arranged by the IIT Goa at the risk and cost of contractor and recovered from the contractor with 15% overhead/ departmental charges from RA/Final Bills.

4. **Operation and Maintenance of Substation & Electrical Installation –**

- a) The substation and all other E&M installations are critical and will be functioning round o'clock 365 days on all holidays and Sundays. The contractor shall have to take care of exigencies that may be encountered promptly.
- b) The Contractor have to ensure that staff is available at all times at the designated manning point and no shift shall unmanned.
- c) The Contractor have to submit a Preventive Maintenance Activity Plan considering the site requirement **within one (1) month from the commencement of work**, for upkeep and maintenance of E&M installations and buildings etc.
- d) The Contractor shall be responsible for maintaining 100% serviceability and uninterrupted operation of the substation and all electrical installations covered under this contract. Any breakdown or failure attributable to the Contractor shall be rectified immediately, and penalty/recovery may be imposed as deemed appropriate by the Engineer-in-Charge (EIC). However, in cases where the failure occurs due to reasons beyond the control of the Contractor, the decision of the Engineer-in-Charge shall be final and binding.
- e) In case the contractor is not able to attend/ rectify fault in the system within the stipulated time period, the Institute reserves the rights to engage outside agency to check / inspect the faulty system. If the system is rectified by the outside agency or third party, the amount of checking, rectification along with suitable penalty towards delay in attending breakdown shall be recovered from the agency, who otherwise is responsible for the up keeping of this equipment. The decision of EIC in this regard will be final & binding on the agency.
- f) Contractor shall ensure that emergency spare parts are available in the premises of IIT Goa for attending the minor breakdowns.
- g) The scope of work also includes co-ordination with the GED (Goa Electricity Department) from where the present power at main incoming 11kV or 33kV feeder is provided. If there is a deficiency in power supply from GED or there is a failure or breakdown in power etc. the Contractor should ensure that the power is restored at the earliest possible time. Such co-ordination activity will be deemed to be covered under the price quoted by the Contractor.
- h) All T&P as and when required for repairs or checking shall be arranged by the contractor and nothing extra shall be paid on this account.
- i) Utmost Care should be taken so that the system does not lead to major breakdown and in case the system goes into fault, it should be rectified within the shortest time period.
- j) The contractor/firm shall have to keep all DG Sets ready for operation at any time on load/no load. The D.G. sets will be operated for test run daily or periodically for checking for their satisfactory performance of as per instructions of Engineer-in charge or his authorized representative.
- k) HSD and oil shall be provided by deptt. However filling/ replacing of these items at site of work shall be the responsibility of the contractor with in the scope of work.

5. **Scope of Breakdown Repairs:**

- a) In case of any minor breakdown or fault, the contractor shall attend the issue immediately and within a maximum of 6 hours from the time of intimation through call/email/message or any other mode of communication. If the issue cannot be attended within the stipulated time due to unavoidable reasons, the contractor shall obtain prior consent from the Engineer-in-Charge (EIC) and attend the issue

within the next 6 hours, failing which a penalty of ₹1000 per day shall be imposed and recovered from the contractor's bill.

- b) Any breakdown of Feeder MCCBs, ACBs, VCBs, Busbars, CTs or associated equipment shall be attended to immediately. The contractor shall take necessary temporary arrangements, alternative routing, or standby switching to avoid prolonged power interruption as per the directions of the Engineer-in-Charge. A restoration plan for defective equipment shall be submitted immediately, and procurement proposals for required materials shall be submitted to the Engineer-in-Charge within 02 (two) days. The system shall be restored/reconditioned promptly after receipt of the materials as per the schedule approved by the Engineer-in-Charge. Rates for such works shall be finalized as extra items as per clauses of contract.
- c) In case of any major breakdown or fault, the contractor shall carry out a detailed inspection and submit an inspection report along with a cost estimate for repair/replacement to the Engineer-in-Charge. Such repair works shall be taken up only after approval of the Engineer-in-Charge. The cost of repair or replacement of spare parts/components not covered under this contract shall be paid separately as extra items as per clauses of contract.
- d) Any other works assigned by Institute time to time by Engineer-in-charge.

6. **Servicing of Breakers & Panel:**

- a) The Servicing work is to be carried out through authorized service provider / OEM.
- b) The work shall be carried out in presence of Electrical Contractor or his licensed supervisor.
- c) Shutdown will be provided by IIT Goa however prior details of activity chart is to be provided by the Contractor.
- d) The maintenance kit shall be provided by the contractor. Rates shall be inclusive in the quote rate of items. Nothing extra shall be paid on this account.
- e) No any charge shall be payable by the department on account of any consumables, tools, all type of labour cost, Service Engineer visits and sundry material etc required at Site.
- f) The scope of services includes following however this is indicative and service provider is required to carry out all the works required to keep the system healthy.
 - Cleaning of breaker with CRC/WD-40
 - Removal of old grease and re-greasing the same with recommended grease.
 - Check the condition of arcing contact and the gap between fixed and moving arcing
 - contracts shall be checked.
 - Checking the reset mechanism, tripping of breaker through push button
 - Checking tripping of ACB through protection release.
 - Tripping of ACB manually through volt metric release.
 - Checking and adjust freeness of DN and volt metric release trip rod
 - Checking presence and proper tightening of hardware and presence of all cir clips
 - Checking condition and alignment of jaw contact with cradle terminals
 - Checking condition of ACB wiring and replace if required
 - Checking and adjusting gap between hylam sheet and side plate
 - Checking proper closing of all poles together
 - Checking working of anti-pumping device in case of EDO ACB
 - Checking alignment of SIC and it's operation
 - Checking scrapping earth alignment
 - Checking condition of arc chutes

- Checking U/V release pick up and drop off
 - Checking ACB tripping through shunt release
 - Checking motor operation in case of EDO ACB
 - Checking closing coil operation in case of EDO ACB
 - Checking continuity and proper changeover of aux contact block
 - Checking IR between phase – phase (ACB closed condition)
 - Checking IR between phase – earth (ACB closed condition)
 - Checking IR between phase – earth (ACB in open condition)
 - Checking of release by secondary injection for O/L, S/C, E/F
 - The setting of release as per the load
 - Checking the healthiness of CTs
- g) The re-commissioning reports is to be signed by the Authorized Service Provider, Electrical Contractor and Engineer IIT Goa. No payment shall be made unless the reports are submitted.
- h) The work is to be carried out to the entire satisfaction of the Engineer-in-charge and his authorized representative.
- i) Any spare parts/ defect parts etc observed to be repaired or replaced during service shall be informed by the contractor to the Engineer IIT Goa. The cost of such spare parts/repair work shall be paid extra.

7. Supply of Material at Stores:

- a) The contractor shall use / supply the material as per approved make attached in Appendix or as per schedule of quantities or exact replacement of existing material suitable to site after taking permission from EIC/authorized representative. In case makes are not defined for particular material, the department reserves the right to accept or reject any other makes offered by the contractor.
- b) The materials shall preferably be ordered on a quarterly basis as per the requirement of the Stores. However, if any essential item is required for attending a complaint or executing any work, the same shall be supplied within stipulated period after intimation. Otherwise as per site requirement the material shall be procured by the department at the risk & cost of the agency and amount shall be recovered from the bill as per the rates mentioned in the NIT or the rate of procurement whichever is higher.
- a) If there is any requirement of material at site which is not available in department store then contractor has to procure from market as per approved makes with EIC permission and close the complaint as soon as possible and payment in this regard will be made as an extra item basis as per terms & conditions of contract.
- b) All material shall be delivered within the stipulated period as per instruction of EIC.
- c) Rejected materials shall have to be removed by the contractor at his own cost within 15 days of the instructions of doing so. Failing to which godown rent as decided by Engineer-in-Charge may be charged by the department.
- d) The supply shall be made at the Electrical Store or any other location under the jurisdiction of IIT Goa
- e) In case of any dispute regarding rejection of quality/make of materials, the decision of Engineer-in-Charge shall be final and binding upon the contractor.
- f) The contractor has to attend all day-to-day complaints well in time. The contractor has to maintain the inventory of material at site (MAS) register as per the minimum requirement at site and plan the material requirement well in advance. All the day-to-day minor complaints shall be attended within 24 hours of receipt of the complaint. All the complaints attended shall be entered in the complaint register.
- g) The contractor shall make entry of all the materials issued for the work, time to

time in the material issue register (to be separately maintained by the contractor's representative).

- After completion of the work necessary entries shall also be made in the register indicating the location where the materials are installed and the balance materials left out need to be deposited to departmental store after completion of work.
 - The dismantled materials shall be duly handed over to Jr. Engineer and necessary endorsement shall be obtained in both material issue register and the dismantled material register.
 - All required registers shall be provided by the agency as per BOQ and nothing shall be paid on this account.
- h) Public Procurement (Preference to Make in India) orders 2017 issued by competent authority of Government of India shall be implemented during selection of materials and execution of work accordingly. Any Manufacturer if not included in the approved make list, may be considered by the Engineer-in-Charge provided such manufacturers comply with the above policy along with their product meeting the specifications and other details of the required item
- i) All the material supplied by the Agency should be in line with the Make in India guidelines, if there are some makes fulfilling the specifications & Make in India guidelines, then same should be brought to the notice of this office for necessary action.

8. Defect Liability Period:

- The defect liability period shall be Six (06) Months after the actual date of completion of work.
- All the material supplied shall be covered under the warranty/ guarantee period for a minimum period of six months or higher as per OEM. Warranty/Guarantee Card or Certificate (as applicable) for the same has to be submitted by Contractor along with bill.
- In case it is felt by the Institute that the contractor is causing undue delays in addressing defects/replacing parts or complete supplies, then the same will be got done by the Institute at the risk and cost of the contractor, by giving 10 days' notice. Any additional expenses will be deducted from the contractor's bill or performance guarantee or security deposit. The decision of Engineer-In-Charge in this regard shall be final.

9. AMC of DG Set:

- a) The AMC of DG Set is to be strictly carried out by OEM or his Authorized Service Provider. The Contractor shall execute the MoU for execution of AMC of DG set with the OEM or his Authorized Service Provider as per "Special Conditions And Qualifications For Association Of Specialized Agency"
- b) The AMC of the DG Sets shall be carried out entirely as per the prescribed guidelines of Original Equipment Manufacturer/Authorized Service Dealer (i.e. Kirloskar/Cummins) and CPWD Specifications for D.G Sets 2013, Part VII amended time to time. Wherever any reference to any Indian Standards Specification occurs in the documents relating to this contract the same shall be inclusive of all amendments issued there to or revisions thereof if any, upto the date of receipt of tenders.

- c) The AMC is to be carried out for following DG Sets installed at IIT Goa:
Capacity: 500 kVA
OEM: Kirlosker
Date/Year of Commissioning: June-2023
- d) The scope of work includes –
- AMC of DG sets complete with diesel engines, alternators, control panels along with associated accessories, which includes periodical checking, preventive maintenance as per OEM schedule, breakdown maintenance, attending all complaints and performing A-Check, B CHECK, C-check etc as recommended by the OEM
 - This also includes changing the required spare parts or PCBs or any other parts required to make the system functional strictly as per terms & condition, scope of work of NIT document and keeping all records and get the service report duly signed by IIT Goa Engineer etc. as required.
 - This AMC includes:
 - (i) **Preventive Maintenance:** The agency or his engineer shall visit the site quarterly i.e. 4 times in a year for carrying out A-Check and shall inspect the generator set thoroughly. Two service in year i/c replacement of all types of filters (oil, lube oil, air filter, coolant filter etc.), lube oil, coolant, water separator etc. as per OEM schedule & required.
 - (ii) **Breakdown Maintenance:** Attending all breakdown complaints as and when required. In case of any breakdown/fault, the agency shall address the issue on site immediately within maximum 6 hours of the email/message through any medium. In case of failure due to any unavoidable reasons/circumstances, the agency has to address the issue within next 12 hrs with consent of the Engineer-in-Charge. Failing to which, penalty of Rs. 500/- per day shall be imposed against the contractor & recovered from the bill.
- e) During every visit, the service engineer shall carryout the checks as recommended by manufacturer standards or as per directions of Engineer-In-Charge and submit the detailed Inspection/Service Report of the installation. During the visit, service engineer has to check and ensure the smooth functioning of the DG Set Installations. The report shall also be submitted on every breakdown calls.
- f) During the schedule inspection, if any fault/malfunctioning of any part is noticed, the same should be brought in the knowledge of the Engineer-in-Charge, so that timely action can be taken for its rectification.
- g) The contractor has to attend emergency calls on priority (usually same day).
- h) Any faulty parts etc shall be required to be replaced by the contractor on actual invoice value from OEM/authorized dealer without CP&OH.
- i) The contractor/service provider has to provide any kind of spare such as PCB, AVR, self-starter etc, free of charge if the repair/ replacement are expected to be taken in more than 2 days.
- j) Major repairs like top/ major overhauling/ PT pump & injection calibration/ replacement of major parts/ rewinding of alternator/ alternator bearing greasing, repair of heat exchanger, repairs & rewinding of various pump-motor sets & axel flow fans, or cost of component/spare parts of DG set which require replacement, shall be not covered in the AMC.

- k) All service/inspection reports should be duly acknowledged by the Engineer IIT Goa. Proper maintenance records shall have to be maintained by the Agency. Failures and corrective action, suggestions/recommendations to improve the performance of the Engine and all respective installations under maintenance should be recorded and implemented by the Service Engineer during his every visit at site.
- l) The contractor/service provider shall be responsible for the safety of his staff. The agency shall display the contact number in the Generator Room for making contact in case of any emergency.
- m) The contractor has to carry out maintenance work as per standard checklist of OEM. The indicative list of scope of work is mentioned below:
- **General check-up & preventive maintenance** - Check lube oil level and conditioning of lube oil, top up/refill if required, The oil filters shall be replaced whenever oil is changed, The air filters shall be cleaned periodically with compressed air, check batteries and top up the distilled water if required, Check functioning of changing alternator, Engine safety viz. high water temperature gauge, oil pressure gauge, oil temperature gauge and high speed gauge shall be checked for their functions and repaired/ replaced if required, Coolant level and conditioning of coolant shall be checked and refilled if required, the governor shall be checked and tuned for proper functioning, Check for leaks if any and shall be rectified, Check fan and alternator drive belts and tightened if required.
 - Maintenance of Engine Panel / PCC, Alternator will be covered in AMC.
 - The AMC includes replacement of minor parts like Hoses, all type of filters, all type of oils, all types of coolant, Seal, O ring, gasket rocker lever covers etc. consumables as and when required.
 - Replacement of all filters, refilling of engine oils, checking of all nuts and bolts tightness correction of engine alternator alignment in case of complete Genset contract and replacement of rubber insert/block if broken to be carried out.
 - Train the customer's representative on Operation and maintenance of DG Set.
 - To intimate customer on engine repairs and overhaul requirement based on engine performance parameters.
 - Checking and servicing of engine for smooth running, its unusual sound and color of smoke and exhaust and set it right in case of deviations.
 - Checking, repairing and attending leakage of fuel, lubricating oil and coolant. Top-up/refill of the same whenever required.
 - Cleaning and changing of Air filters as per requirement.
 - Setting of Valves tappets whenever required.
 - Checking and repairing of accessories drive, Turbo Charger and crankshaft endplay whenever required.
 - Checking of alignment and alignment of Engine and Alternator as per requirement.
 - Checking of throttle control and its setting.
 - Checking of instrument of instrument panel including replacement as and when required.
 - Checking of rotating diodes/rectifier assembly in brushless alternator including replacement as and when required.
 - Checking of all electrical connections/wiring for their proper tightness including charging alternators, battery clamps and repairing/replacement as and when required.
 - Repair and Maintenance of Replays including contractors in control panel.

- Checking of Battery specific gravity every month and the acid level once in three months and top and with distilled water if required. (Applicable for lead acid Battery only). Output voltage check and condition check to be carried out in SMF type battery. Also includes de-sulphating & greasing of battery.
 - Checking charging alternator output voltage with respect to specifications. Diagnosis of faults in engine and Alternator and its rectification.
 - The agency shall arrange genuine spares of diesel engine, alternator and AMF panel as and when required.
 - The engine shall be run on load or at available load and should be checked for any leakage and abnormal noise. If any such abnormality shall be diagnosed and remedial action shall be taken.
- n) No cartage or transportation shall be payable by the department on account of visits or any consumables and tools etc. at site.
- o) All the required consumable materials like cotton waste, Dhoti and petroleum jelly for cleaning of various installations shall be in the scope of contractor for which nothing etc. shall be paid extra.
- p) The contractor shall be fully responsible for rectifying the defect, which may happen during the use up to 12 months from the date of completion of the work. The decision of Engineer-in-Charge in this regard shall be final & binding. In case the contractor fails to carry out the said repairs, rectifications, replacement within the specified time, the department shall get the repairs / rectifications / replacement as considered necessary at the cost of the contractor by recovering the cost from the performance guarantee/security deposit. In case additional expenditure is incurred by the department on this account, the same shall be borne by the contractor.
- q) All the workers and Engineers of the Agency visiting at the Institute Campus for repair and maintenance of DG Sets shall be in proper uniform. All the safety measures like rubber gloves, safety shoes, helmet etc. shall be taken care by the firm while working on DG Sets.
- r) The contractor shall take all precaution for safety of the workmen. If any accident/mishap occurs, the department shall not be responsible for the same. Consequently any compensation payable shall be at the contractor cost.
- s) If the work is carried out in more than one shifts or during night to meet the time period of completion or in accordance with availability of working area, nothing extra shall be paid on this account. The contractor has to work in accordance with programme, time schedule as directed by Engineer-in-Charge.
- t) The work mentioned in the “Schedule of Quantities” and tender scope of work & terms & conditions have to be carried out as and when required. The quantities agreed in this agreement are approximate and indicative and payment will made for the actual work done. Institute does not guarantee any minimum quantity under any category/subhead. Payment will made on actual job undertaken i.e. on running bills only. The contractor shall execute any deviation/extra item under this contract, as per clauses of contract governed by CPWD GCC Maintenance 2023 (with latest amendment).

- u) The contractor shall indemnify and hold IIT Goa harmless from and against all claims, damages, losses and expenses arising out of, or resulting from the works or services provided under this contract.
 - v) The contractor is not allowed to construct any huts for its workers inside the campus. No cooking or lodging shall be allowed in premises of the IIT Goa.
 - w) The contractor shall arrange all T&P as and when required for repairs or checking and nothing extra shall be paid on this account.
10. The contractor shall take over the site from JE (E) & return the same to JE (E) after expiry of contract period in healthy state (excepted normal wear/tear).

PART – V : PROFORMA OF SCHEDULES

SCHEDULE 'A'

Schedule of quantities (Enclosed): As enclosed at Page No 119-129.

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'

<p>Reference to General Condition of Contract.:</p> <p>(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) 2023 for Maintenance published by the Central Public Works Department (CPWD).</p> <p>(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.</p> <p>(iii) The GCC may be downloaded from the URL: https://cpwd.gov.in/Publication/GCC_CON_Misc_29_Maintenance_Works_2023.pdf</p> <p>(iv) For the purpose of operating the GCC, the hierarchical mapping of CPWD and IIT Goa is done as given below:</p>

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	:	Annual Repair and Maintenance Operation of Electrical Installations and Buildings at IIT Goa
Estimated cost of work	:	52,85,290/- (incl. GST)
Earnest money	:	1,05,706/-
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

SCHEDULE 'F'

GENERAL RULES AND DIRECTIONS:		
Officer inviting tender:	:	<i>EE(Elect), IIT Goa</i>
Maximum percentage for quantity of items of work to be executed beyond which rates are to be determined in accordance with Clauses 12.2 & 12.3	:	<i>See Clause 12 below</i>
Definitions:		
2(v) Engineer -in- Charge (Major Component)	:	<i>EE(Elect), IIT Goa</i>

2(vi) Engineer -in- Charge (Minor Component)	:	<i>Not Applicable</i>
2 (vii) Overall Engineer in Charge of the Project	:	<i>EE(Elect),IIT Goa</i>
2(viii) Accepting Authority	:	<i>Director, Indian Institute of Technology, Goa.</i>
2(x) Percentage on cost materials and Labour to cover all overheads and profit	:	<i>Part A – 3.85% on Manpower as per DoE OM No. F.6/ 1/2023-PPD dated 06.01.2023</i> <i>Part B - 15% (Fifteen) per cent. (7.5% OH + 7.5% CP)</i>
2(xi) Standard Schedule of Rate	:	Civil Works <i>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.</i> Electrical Works <i>1. DSR-2025 (E&M) + Prevailing Cost Index as modified & corrected up to previous day of the last date of submission of bid.</i> Non-DSR Items: Local Market Rates
Standard Contract Form	:	<i>IIT Goa Agreement Form placed at Part-VII of the NIT;</i>
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	:	<i>10 days</i>
ii) ii)Maximum allowable extension with late fee at 0.1% per day of performance guarantee amount beyond the period provided in (i) above.	:	<i>7 days</i>

Clause 2 Authority for fixing Compensation under Clause 2	:	<i>Dean(I&S)</i> <i>Indian Institute of Technology, Goa</i>
Clause 5: (i) Authority to convey the decision of shifting of milestones and extension of time	:	<i>Sr. Executive Engineer (Civil), IIT Goa</i>
(ii) Authority to decide Rescheduling of milestones and extension of time	:	<i>Dean(I&S)</i>
(iii) Shifting of date of start in case of Delay in handing over of site	:	<i>Dean(I&S)</i>
(i) Number of days from the date of issue of letter of acceptance for reckoning date of start	:	<i>10 Days or date of issue of LOC whichever is later</i>
Milestones		<i>Applicable</i>

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	:	12 Months
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	:	2 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)
Clause 10A:		
List of testing equipment to be provided by the contractor at site lab	:	As given in additional conditions
Clause 10B (i) Secured Advance on materials	:	Not Applicable
Clause 10C: Component of labour expressed as percent of value of work	:	Not Applicable
Clause 10 CC: Price Escalation	:	Not Applicable (Difference in minimum wages based on actual payment made to the labour and wages will be reimbursed including difference in EPF, ESIC & Bonus payment to the contractor on revision of minimum wages)
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%

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	:	<p>CIVIL WORKS CPWD DSR Items: CPWD Specifications 2019 Vol. I & II, with up-to-date correction slips, For Road Works/MORTH Items MORTH Specifications 2013, with up-to-date correction slips. For ELECTRICAL WORKS i) CPWD DSR Items: 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.</p> <p>Others: 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.</p>
(ii) Building information model (BIM):	:	Not Applicable
Clause 12.2 (c):	Deviation Limit beyond which clauses 12.2 (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%
<i>(as per DG/CON/Construction 2023/03, Dt. 06.12.2023)</i>		

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	:	<i>As required for the work.</i>
Clause 19 C Competent Authority for deciding penalty	:	<i>Dean (I&S), IIT Goa</i>
Clause 25: (i) Settlement of disputes by Conciliation and Arbitration:		
• Conciliator		<i>Dean (I&S), IIT Goa</i>
• Authority to appoint arbitrator		<i>Director, IIT Goa</i>
• Place of Arbitration		<i>Goa</i>
• Venue of Arbitration		<i>IIT Goa</i>
• Type of Arbitration Tribunal		<i>Sole Arbitrator</i>
<i>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.</i>		

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	Nil	50,000/-	Rupees Fifty Thousand Only
2	Diploma Engineer	Choose an item.	Technical Representative (Construction Manager)	5	Nil	30,000/-	Rupees Thirty Thousand Only
3	Diploma Engineer	Choose an item.	Technical Representative (Construction Manager)	5	Nil	30,000/-	Rupees Thirty Thousand Only

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 Maintenance 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 Associated Civil Work

All minor civil works associated with E&M installation are included in the scope of this contract, including all minor civil work like wall chasing by wall chaser, making holes, etc., for installation of conduits/cables and making good. These shall be executed in accordance with approved shop drawings.

6.4 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.

6.5 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.

6.6 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 Manufacturer's Authorisation Form (if applicable)

The bidder shall submit valid Manufacturer Authorisation Form (MAF) as per **Form-H not later than 6 months prior to the last date of bid submission**

6.12 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 Specific to this Work

These Additional conditions shall be read in conjunction with CPWD General Conditions of Contract, if there are any provisions in the Additional Conditions, which are at variance with the provisions of General Conditions of Contract, the provision in these Additional conditions shall take precedence.

1. Nothing in this specification shall be construed to relieve the successful tenderer of his responsibility for the design, manufacture and installation of the equipment with all accessories in accordance with currently applicable statutory regulations and safety codes.
2. The work shall be executed as per OEM Manual & Specifications, IS Code, NBC, CPWD General Specifications & IE rules all the amendment issued upto date and as per directions of Engineer-in-Charge. These additional specifications/ conditions are to be read in conjunction with above and in case of variations; specifications given in the in the contract shall apply. However, nothing extra shall be paid on account of these additional specifications and conditions, as the same are to be read along with schedule of quantities for the work.
3. **RATES:** The prices quoted shall be inclusive of all taxes including of GST, PF, ESI, tools & tackles, uniform, freight charges and safety kits for workers. GST shall be paid for taxable supply against a valid Tax Invoice.
4. **Period of Contract:** The contract shall be for a period of 12 months from the date of issue of commencement. The contract period can be extended for further period of 12 months on the same terms and conditions of the agreement. The Institute reserves the right to terminate the contract fully or partially by giving 30 days' notice in writing to the contractor. If in the opinion of the Engineer-in-Charge, it is observed that the contractor is not doing the works satisfactorily as per the terms and conditions of contract, then the contract can be terminated with immediate effect without giving any reasons thereof.
5. **COMPLIANCE OF THE PROVISIONS OF STATUTORY & REGULATORY CLAUSES:**
 - i) The contractor has to discharge all the obligations as provided under various statutory enactment including the EPF/ ESI/ Contract Labour (Regulation and abolition)/ Minimum Wages / Payment of Wages / Payment of Bonus / Payment of Gratuity (to be paid separately on actual basis) / Workmen's compensation / Works Contract and other relevant Acts, Rules and Regulations in force and as amended from time to time in the State, as applicable.
 - ii) The engagement and employment of workers and payment of wages to them as per existing provisions of various labour laws and regulations is the sole responsibility of the contractor and any breach of such laws or regulations shall be deemed to be violation of this contract. IIT Goa may ask the contractor to produce documents to verify that these provisions/laws are complied by the contractor.
 - iii) The contractor has to follow the local security/safety rules & regulations and such instructions on restricted hours of work as may be imposed on him by the department / local authorities, while working in security restricted zones and no claim whatsoever on account of this, will be entertained.
 - iv) The Contractor shall be fully responsible for any omission and commission of his staff as well as misdemeanor/ offensive and / or rude behavior towards any

person within the campus and shall remove the person forthwith from the campus and shall not deploy him/ her in the campus in future and shall pay compensation to the aggrieved person if demanded. The decision of the Engineer-in-charge in this respect shall be final and binding of the Contractor. If the Contractor fails to comply with the above requirements, the Engineer-in-charge shall have full authority to take appropriate action as deemed fit.

- v) For performing the assigned work, the Contractor shall deploy medically and physically fit persons (preferably below the age of 50). The Contractor shall ensure that the persons are punctual and disciplined and remain vigilant in performance of their duty. Persons so engaged by the Contractor shall be from amongst properly trained, of high integrity and good conduct, and shall be conversant in the local language as well as Hindi. In no circumstances, persons below 18 years of age should be employed.
- vi) The contractor has to deploy their staff to run the system on all days (365 days) including Sundays and National holidays / Gazetted holidays in shift operations and duty roaster recommended by Institute.
- vii) The Contractor shall deploy his persons in such a way that they get weekly rest. The working hours/leave, for which the work is taken from them, do not violate relevant provisions of Govt. of India norms. The Contractor shall arrange to provide reliever equally qualified in case of absence/leave/off etc. The Contractor shall in all dealings with the persons in his employment have due regards to all recognized festivals, days of rest and religious or other customs.
- viii) The Contractor shall comply with the statutory provisions of Contract Labour (Regulation & Abolition) Act, 1970; Employees State Insurance Act; Workman's Compensation Act, 1923; Payment of Wages Act, 1936; The Employees Provident Fund (and Miscellaneous Provisions) Act, 1952; Payment of Bonus Act, 1965; The Minimum Wages Act, 1948; Employer's Liability Act, 1938; and/or any other rules/ regulations and/ or statues that may be applicable to them. The Contractor shall indemnify the Institute against all claims which may be made upon the Institute whether under the aforesaid statutes or any other statute in force during the currency of this contract.
- ix) In the event of the Contractor committing a default or breach of any of the provisions of the Labour Laws including the provisions of Contract Labour (Regulation and Abolition) Act, 1970 as amended from time to time or in furnishing any information, or submitting or filling any statement under the provisions of the said regulations and rules which is materially incorrect, he shall without prejudice to any other liability pay to the IIT Goa, a sum as may be claimed by Director, IIT Goa.

6. LABOUR LICENSE, BONUS, EPF & ESIC: -

- i) The contractor shall register himself with Labour Licensing Authority and obtain Labour License Number in this regard if applicable
- ii) The contractor shall register himself with PF & ESIC (wherever applicable) for workmen engaged for the work & challans/ deposit receipts of PF & ESI contribution shall be submitted in IWD office for verification/ reimbursement/ payment, at the time of submission of bill.
- iii) Bonus: Contractor shall follow the "Payment of Bonus Act 1965" with latest amendments (Payment of Bonus (Amendment) Act 2015). Bonus amount as per latest Govt. Rules or 8.33% of annual salary whichever is higher will be paid to the deployed manpower by the contractor. In case of non-payment of bonus necessary recovery/ withheld against bonus from their RA bill/ final bill shall be made as decided by EIC and appropriate action will be initiated by IIT Goa against the contractor. The decision of EIC in this regard will be final and binding on the agency.

- iv) Contractor not having PF Code Number (Uncovered Establishment): The contractors who are not covered under EPF Act, but, for IIT Goa “obligation as principal employer, are required to ensure compliance for recovery and deposit of PF dues in respect of contract workers engaged for IIT Goa work. Hence, such contractors are required to obtain PF code against the work order/contract with IIT Goa for necessary compliance.
- v) The PF dues (including EDLI and administrative charges) in respect of workers engaged by the contractor for IIT Goa works to be deposited by the contractor every month by a challan and the documentary evidence in support of such payments along with employee wise details of the PF contribution (both Employee’s share and the employer’s contribution) needs to be submitted to the Engineer in charge for the work/ contract.
- vi) ESI (wherever applicable) & EPF amount (contractor's contribution & administrative charges) paid to the statutory authorities by the contractor shall be inclusive in quoted price and payable on submission of documentary evidence.
- vii) The Contractor has to deposit PF & ESI as applicable, failing which recovery/ withheld @ 26% and 6 % against PF and ESI respectively from their R.A bills/ Final Bill shall be made.

7. PAYMENT OF LABOUR WAGES:

- i) The contractor has to pay the prevailing minimum wages issued by the office of Regional Labour Commissioner/ Chief Labour Commissioner (whichever is higher), from time to time including EPF, ESIC & Bonus on the prevailing minimum wage rate. However, any revision after due date of submission of tender, the difference in minimum wages based on actual payment made to the labour and wages will be reimbursed including difference in EPF, ESIC & Bonus payment to the contractor on revision of minimum wages (differential amount to be calculated based on minimum wages as per Government Rues on 01.10.2025) and no additional amount such as contractor's overhead & profit / service charge will be paid on this account. The GST as applicable shall be paid on the differential amount.
- ii) ***The prevailing minimum wages are with effective from 01/10/2025. [Order No F.No. 1 /6(3)/2025-LS-II Dated 25.09.25 Issued by CLC under Ministry of Labour and Employment, Govt of India].***

Category of worker	Rate of wage including VDS per day (in rupees)
Highly Skilled	981
Skilled	893
Semi-Skilled	760
Unskilled	674

- iii) If on account of any legislation, notification, labour award, the consolidated minimum monthly wages (i.e. Basic rates + DA) of unskilled, semi-skilled, skilled and high skilled labour are increased at any time or times after the date of submission of the tender, the Contractor has to pay minimum monthly wages with applicable increased consolidated minimum monthly wages due to such increase. IIT Goa shall reimburse the difference amount of consolidated minimum monthly wages to the Contractor on production of document proof with respect to the wages.

- iv) The payments towards monthly wages, OT, Bonus, N/H wages, allowances etc. to the workman engaged by contractor shall be paid through RTGS/NEFT/any E-payment mode only and documentary proof of the same shall be submitted along with bill documentary proof of the same shall be submitted along with bill. The payment towards N/H wages & OT wages shall be reimbursed to the contractor as per actuals and no additional amount such as contractor's overhead & profit / service charge will be paid on this account. The GST as applicable shall be paid on the differential amount.
- v) For the purpose of admitting the claim for reimbursement of statutory increase in wages paid by him, the contractor has to produce the required documentary evidence to the satisfaction of Engineer-In-Charge.
- vi) The payment to the workers engaged by the contractor is to be paid on or before 7th of every month irrespective of Saturday, Sunday and bank holidays or any delay in settlement of bills by the Institute for whatsoever reason. If any violation with respect to payment of wages for any two months in a contract period, necessary action for cancellation of contract, debarring of the agency for participating in future contracts in IIT Goa shall be initiated. The agency will not be allowed to participate in any of the tendering process in IIT Goa till finalization of the decision. However, any violation with respect to payment of wages shall be dealt according to the merit of incident and same shall be decided by the EIC.
- vii) The contractor has to maintain the attendance, wage & OT register or any other registers as per labour law for engaged manpower. The same has to be produced for verification of the principal employer and labour inspector as and when required.
- viii) The Contractor shall be solely responsible for payment of wages/salaries and allowances to their personnel as per the rules or act applicable under government order. All central, state, local laws & by laws applicable will be observed by the Contractor and the IIT Goa will be kept indemnified of such payable by the Contractor.
- ix) The Institute may increase or decrease the labour/manpower requirement of any category at any stage and the Contractor shall be bound to follow that. In case of Increase of labour, the Contractor shall be paid in accordance with category of labour taking into account prevailing basic wages, ESI, EPF, ESI etc factors considered in other category of labour hired in this contract and percentage quoted by the Contractor.
- x) If any employee engaged on above works goes to Court due to any reason, the firm will be responsible and department will not be held responsible for that.
- xi) If any employee engaged on above works goes to Court due to any reason, the firm will be responsible and department will not be held responsible for that.

8. ACCIDENT OR INJURY TO WORKMEN:

- i) The Contractor shall be solely responsible for any accident, mishap, injury, electrocution, damage to equipment or property, or loss of life occurring during the course of operation, maintenance, or execution of work under this contract. The Contractor shall settle all claims, compensation, medical expenses, or liabilities arising out of such incidents and shall indemnify IIT Goa against any claims or legal proceedings. IIT Goa shall not be responsible for any injury, loss,

- or damage sustained by the Contractor's personnel while performing their duties, and no claim whatsoever shall be made against IIT Goa on this account.
- ii) The contractor will be the principal employer of the staff engaged on the work. There will be no legal or other binding on the department to permanently employed the staff engaged by the contractor. However the Engineer-in-charge shall have full rights to get the worker removed form the job in case of misbehaviour, non-obedience of security rules etc
 - iii) The Contractor shall, at his own cost, obtain and maintain adequate group life and accidental insurance coverage for all manpower/workmen deployed under this contract. The insurance shall remain valid for the entire contract period. In the event of extension of the contract, the Contractor shall ensure that the insurance coverage is correspondingly extended for the entire extended period.

9. DOCUMENTS TO BE SUBMITTED FOR MANPOWER ENGAGEMENT:

- The Contractor has to submit the credentials/ experience certificate of the staff such as, qualification documents and experience certificate of the staff, the CV and passport size colored photograph, for prior approval.
- All the documents should be self-attested by each worker, countersigned and stamped by contractor.
- The decision of Engineer-in-charge, to accept or reject any candidate on the basis of lack of experience, qualification, lack of skills required for job, will be final and binding on the Contractor.
- The Contractor shall submit the name and Bio-data along with the appointment letter of each staff being deputed for the work and all the new staff / replaced staff engaged during currency of contract.
- The Contractor shall have to submit copy of latest police verification within 10 days of engaging them on work, for all staff at any stage of contract.

10. DOCUMENTS / RECORDS TO BE MAINTAINED BY THE CONTRACTOR:

The contractor shall be responsible to maintain all required documents/ records for complaint, monitoring, operation and maintenance/upkeep works and shall obtain necessary endorsements by Jr Engineer from time to time.

Following are the record, which shall be maintained.

- a) Complaint/ break down register
- b) DG Log book
- c) Panel Log book or log book of any E&M installations
- d) Meter Reading Register
- e) Material-at-Site (MAS); Material receipt / issue register; dismantled materials register.
- f) Preventive Maintenance Records
- g) Earth pit maintenance and IR value register
- h) AMC registers
- i) Attendance register, Payment register, Register of Wages, etc as per labour laws

All register shall be in printed format as per directions of the EIC. The cost shall be borne by the Contractor.

11. TERMS OF PAYMENT:

The Running payments for the work done shall be released monthly by IIT Goa only after salary payments to all workers & submitting the proof of disbursement and deducting the applicable taxes. The decision of EIC in this regard shall be final and binding.

Payment shall be made against submission of a valid GST invoice, duly supported by all requisite documents, including but not limited following with each running bills:

- a) CMB duly verified
- b) Monthly Challans of E.P.F. and E.S.I. deposits up to previous month.
- c) Wages register signed by workers of each month.
- d) Attendance register.
- e) Copy of E-Transfer of Wages to staffs.
- f) Service Reports/ Test Reports or any other documentary proof as required by IIT Goa.

The Institute shall deduct applicable TDS, GST, labour cess, and any other statutory deductions from the RA/Final bills, as per prevailing Government of India norms. No advance payment shall be made. Income tax and all other statutory deductions shall be effected as applicable.

Release of Final Bill Payment - The agency shall submit final bill along with all the documents related with PF, ESIC & Bonus, GST liabilities & other statutory compliances etc. to IIT Goa. The agency shall also formally hand over the list of equipments in good working condition, without any damage as handed over to them by IIT Goa; thereafter the final bill shall be released.

12. **MISCONDUCT:**

- (i) The contractor shall be responsible for any involvement of staff appointed by him in theft & pilferage and such proven cases of thefts / pilferage by their employees are to be determined by any court of Law.
- (ii) IIT Goa will give necessary directions to security agency to ensure vigil on the working staff.
- (iii) The contractor shall be held responsible for any action / misdeeds, in terms of theft / pilferage or any other misdeed or any other undesirable activities by any of their staff engaged in IIT Goa campus. In case of any such case, if manpower is found guilty the contractor has to take immediate action to dispense with the services of such individual involved. This will be without prejudice to any other liability on the part of the contractor, arising out of court directions / claims etc., on account of such misdeeds. Any loss suffered by IIT Goa on account of misconduct by the workers of the firm shall be recovered from contractor's bill.

SPECIAL CONDITIONS AND QUALIFICATIONS FOR ASSOCIATION OF SPECIALIZED AGENCY (OEM OR AUTHORIZED SERVICE OF OEM OR SUB-CONTRACTOR) AMC of DG Sets

1) **Eligibility Criteria:**

The Specialized agency should have valid OEM (Kirlosker/Cummins) authorized service provider certificate. In case the main contractor himself/herself is OEM authorized service provider then MoU is not required however, main contractor has to submit following documents valid OEM authorization service provider certificate.

- 2) The lowest bidder /main contractor shall have to execute MOU as per Appendix with OEM or their authorized service center in case of DG sets for execution of AMC. The MOUs in the specified format shall be signed by both the parties i.e. main contractor as 1st party and associated specialized agency as 2nd party. The main contractor shall have to submit the MOUs within 15 days of commencement of work.

- 3) In case of non-submission or partial submission of MOUs, the work shall not be commenced and the agency shall be suspended for 2 years and shall not be eligible to bid for IIT Goa tender from date of issue of suspension order. The EMD/Performance Guarantee shall also be forfeited. The Institute also reserves the right to execute the said work directly through OEM authorized dealer at the risk and cost of main contractor.
- 4) In addition to the eligibility criteria, the proposed associated specialized agency shall submit the copy of registration certificate in GST, valid electrical contractor license, if applicable, duly attested by the Main Contractor.
- 5) In case, the associated specialized agency is not performing satisfactorily or failure of agency to complete the work, the main contractor, on the directions of the IIT Goa in writing, shall remove the associated specialized agency deployed on the work and shall associate the new specialized agency, who fulfills the conditions mentioned in NIT to execute the leftover work without any loss of time.
- 6) No change in associated specialized agency will be allowed without prior approval of the IIT Goa.
- 7) All such associates shall also enter into tripartite Agreement/Contract along with the main contractor and the IIT Goa and shall meet the entire guarantee for the services already provided for which payment has been released by the IIT Goa in part.
- 8) If any equipment supplied for the work, during the currency of the earlier associated specialized agency and paid partly by the IIT Goa, becomes redundant /not in a position to be installed and commissioned and put to beneficial use due to change in agency for execution of E&M works, the main contractor shall be liable for completion of such work at no cost to the Institute.
- 9) Tender accepting authority reserves the right to the change of Sub-Agency in case it is required during the currency of the contract.
- 10) The main contractor shall be responsible and liable for proper and complete execution of the E&M works/services and ensure coordination and completion of works.
- 11) The Institute shall not entertain any kind of dispute regarding the same, between Main Contractor & associated specialized agency.
- 12) The associated specialized agency shall sign a tripartite Agreement/MOU along with the main tenderer and the Institute, for technical compliance, guarantee, execution of work etc. as per scope of work as mentioned in NIT and conditions of the contract on stamp paper (as per stamp act) in the IWD Office. The cost of stamp paper to be borne by the contractor.

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 Director,

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	<p>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.</p> <p><i>“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”</i></p> <p>(Form A)</p>	Applicable	
5	Average Annual Turnover and Net Worth	Scanned copy of CA Certificate with UDIN (Form-B)	Applicable	
6	<p>Similar Work experience Details of Works completed during last 7 years <i>(Detailed statements to be enclosed)</i> <i>The intending bidders has to submit the Similar work experience certificate furnishing with all details of the format provided at Form-C</i></p>	<p>Not less than 40% of estimated cost (Three similar works) OR</p> <p>Not less than 60% of estimated cost (Two similar works) OR</p> <p>Not less than 80% of estimated cost (One Similar work)</p>	Applicable	

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. Form -E	Applicable	
9	Specialised Works (Form F)	Undertaking of association of agencies for specialized items of work: <i>“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.”</i>	Applicable	
10	Declaration of Local Content	Form -G	Applicable	
11	Manufacturer’s Authorisation Form	Form -H	Not Applicable	
12	Letter of Transmittal	Appendix-1	Applicable	

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 Executive Engineer,
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

Correction: Nil, Deletion: Nil, Insertions: Nil, Overwriting: Nil

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 Executive Engineer (Electrical),
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 issued by State Licensing Authority of Goa, hence we hereby undertake the following:-

“I/ We will either obtain valid electrical license by State Licensing Authority of Goa before the time of execution of electrical work or engage a valid electrical license holder 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 Executive Engineer,
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 Executive Engineer (Electrical),
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 Executive Engineer

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 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 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.

Correction: Nil, Deletion: Nil, Insertions: Nil, Overwriting: Nil

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 Obligorand 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

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 Works¹

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.

Correction: Nil, Deletion: Nil, Insertions: Nil, Overwriting: Nil

Appendix-7 :: List of Approved 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. Electrical Works:

Material/ Equipment	Approved Make
ACB	ABB, Schneider, Siemens, L&K
Battery Charger	Max. Power , CALDYNE, VOLSTAT, HBL
Batten Holder, Angle Holder Ceiling Rose	Anchor , Polycab, 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, Bajaj
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
Current Transformer (Cast Resin Epoxy Coated)	Automatic Electric, Gilbert & Maxwell, Kappa, Pragati,

Correction: Nil, Deletion: Nil, Insertions: Nil, Overwriting: Nil

Cable Management System (Wire Trunking) Raceway	OBO, Legrand , MK
Distribution Boards (MCB DBs)	Legrand, Schneider, L&K, ABB
Electronic Digital Meter, Multifunction meter with LED Display.	Schneider (Conzerv), Secure, Elmeasure, HPL, L&K
Energy Meter	L&K, HPL, Secure or GED approved make
Fan Box	MS Type Only as approved by E-in-C
HRC Fuse and Fuse Fitting	ABB, GE, Siemens, L&K, Schneider
Indicating Lamps	L&K, Siemens, Schneider, ABB
LED bulb (where ever required)	Philips, Crompton, Havells, Bajaj, Halonix, Surya, Orient, Wipro
Light Fixtures (Internal) LED Batten	Philips, Crompton, Havells, Bajaj, Halonix, Surya, Orient, Wipro
Light Fixtures (External)	Philips, Crompton, Havells, Bajaj, Halonix, Surya, Orient, Wipro
Lighting Control	Lutron, Schneider, Crestron, ABB, Philips
Lightning Protection System	Dehn, OBO, ABB, L&K, Cape
MCB/RCCB / SPD/RCBO	Legrand, Schneider, L&K, Siemens, ABB
MCCB	Legrand, Schneider, L&K, Siemens, ABB
Metal Clad Plug & Socket (Industrial)	Legrand, Schneider, ABB, L&K
Modular Switches with accessories, Socket Outlets and Wiring Accessories with moulded Cover Plate.	Anchor (Roma), Legrand(Myrius), MK(Blenz), Crabtree
MS Black Stove Enameled ERW Conduits (ISI Approved)	AKG, BEC, Steel kraft
Ready made pole	Bajaj, Philips, Havells, 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&K, Siemens (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&K, Schneider , Rishabh
PVC Conduit (FRLS) & Accessories (ISI Approved)	Precision, BEC, AKG, Polycab
PVC Casing Capping	Precision, Presfit, VIP, AKG
Power cables 1100V grade	Finolex, Polycab, Havells, KEI, RR Kable
PVC Tape	Anchor, Steelgrip

Correction: Nil, Deletion: Nil, Insertions: Nil, Overwriting: Nil

Sandwiched Type Bus Duct/Rising mains	Schneider, Legrand(Zucchini), IIGM-EAE, L&K , C&S , Henikwon
Sealed Maintenance Free Batteries	Exide, HBL, Amar Raja, Hitachi
Selector Switches (ASS/VSS)	Kaycee, ABB, Siemens,Schneider, L&K, 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&K, ABB , Theben, Legrand
UPS	Vertiv, Schneider (APC) ,Numeric, Socomec , Eaton, GE, Delta, Hitachi
Elevator(LIFTS)	Kone, Schindler, Mitsubishi
Exhaust Fan	Crompton, Khaitan, Havells, Orient , Atomberg, Usha
HT/ LT Jointing Kit & Termination Kits	Birla-3M, Raychem, Safe Kit M seal
VCB : 11 KV & HT Panels	ABB , Siemens, Schneider Electric ,L&K
DG SET with AMF panel	Kirloskar, Cummins, Caterpillar
Anti Vibration Mountings	Gerb, Resistoflex , Dunlop
Motors	ABB , Crompton, Siemens, Kirlosker
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 Philips, Crompton, Havells, Bajaj, Halonix, Surya, Orient, Wipro, Osram Street Lighting: Preferred make Philips, Crompton, Havells, Bajaj, Halonix, Surya, Orient, Wipro, Osram Post Top Lighting: Preferred make Philips, Crompton, Havells, Bajaj, Halonix, Surya, Orient, Wipro, Osram
Geysers	AO Smith/Racold/Jaguar/Havells

B. 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, KEI
F/UTP CAT6A Cabling System – Cables, IO, Patch Panels and other components	COMMSCOPE -SYSTIMAX, BELDEN, PANDUIT-PANNET, R & M

Correction: Nil, Deletion: Nil, Insertions: Nil, Overwriting: Nil

Material/ Equipment	Approved Makes
Communication Cables / Signal Cable	COMMSCOPE -SYSTIMAX, BELDEN, FINOLEX, FUSION, POLYMER
UTP CAT6 Cables (for IBMS System)	COMMSCOPE -SYSTIMAX, BELDEN, PANDUIT-PANNET, R & M
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
Transformer Oil	POWEROIL, Transol, Gandhar, Castrol, Servo, Gulf, Total Energies or GED approved make
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

Correction: Nil, Deletion: Nil, Insertions: Nil, Overwriting: Nil

Material/ Equipment	Approved Makes
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, YOKOGAWA
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

C . 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

Correction: Nil, Deletion: Nil, Insertions: Nil, Overwriting: Nil

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

D. 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
Maintenance Works 2023
(till Feb 2026)

केन्द्रीय लोक निर्माण विभाग
कार्यालय ज्ञापन

No. DG/CON/Maintenance 2023/01

ISSUED BY THE AUTHORITY OF DIRECTOR GENERAL, CPWD

Nirman Bhawan, New Delhi

Dated: 10.11.2023

Sub: Modification in GCC Maintenance 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/Maintenance 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)।

अभिजात
10/11/2023
R.K. JAIN
(EE (Contact))

Correction: Nil, Deletion: Nil, Insertions: Nil, Overwriting: Nil

NIT-78

केन्द्रीय लोक निर्माण विभाग

कार्यालय ज्ञापन

No. DG/CON/Maintenance 2023/02

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 Maintenance Works

The following amendments are made in the GCC 2023 for Maintenance 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 remedy available 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))

Page 1 of 9

	<p>any other right or remedy available in law.</p> <p>The contract shall stand determined when such decision of forfeiture of the performance guarantee is issued to the contractor.</p>
<p>5.1 As soon as possible but within 7 (seven) working days of award of work and in consideration of</p> <p>a. Schedule of handing over of site as specified in the Schedule 'F'</p> <p>b. Schedule of issue of designs as specified in the Schedule 'F',</p> <p>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.</p> <p>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.</p>	<p>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</p> <p>a. Schedule of handing over of site as specified in the Schedule 'F'</p> <p>b. Schedule of issue of design(s) and drawing(s) as specified in the Schedule 'F',</p> <p>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.</p> <p>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.</p>

21/08/2023
R.K. JAIN
(E.E (Contact))

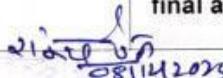
<p>iii. The approval by the Engineer-in-Charge of such programme shall not relieve the contractor of any of the obligations under the contract.</p> <p>iv. The contractor shall submit the Time and Progress Chart and progress report using the mutually agreed software or in other format decided by Engineer-in-Charge 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</p> <p>v. No provision</p>	<p>iii. The approval by the Engineer-in-Charge of such programme shall not relieve the contractor of any of the obligations under the contract.</p> <p>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.</p> <p>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 :</p> <p>a) delays due to reasons beyond the control of both parties (sub-clause 5.2)</p> <p>b) delays attributable to the Department and concurrent delays (sub-clause 5.3).</p> <p>c) delays solely attributable to the contractor (sub-clause 5.5)</p>
<p>5.2</p> <p>If the work(s) be delayed by:-</p> <p>i. force majeure, or</p> <p>ii. abnormally bad weather, or</p> <p>iii. serious loss or damage by fire, or</p> <p>iv. civil commotion, local commotion of workmen, strike or lockout, affecting any of the trades employed on the work, or</p> <p>v. delay on the part of other contractors or tradesmen engaged by Engineer-in-Charge in</p>	<p>5.2 Delays due to reasons beyond the control of both parties:</p> <p>If the work(s) delayed by:-</p> <p>i. force majeure, or</p> <p>ii. abnormally bad weather, or</p> <p>iii. serious loss or damage by fire, or</p> <p>iv. civil commotion, local commotion of workmen, strike or lockout, affecting any of the trades employed on the work, or</p> <p>v. delay on the part of other contractors or tradesmen engaged by Engineer-in-Charge in</p>

21/05/23
R.K. JAIN
(EE (Contact))

<p>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</p>	<p>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.</p>
<p>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.</p>	<p>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).</p> <p>The contractor shall have no claim on account of any hindrance in case notice(s) are not given by the contractor through ERP portal.</p> <p>The Engineer-in-Charge, on receipt of such notice(s) after considering the factual ground situation, shall either acknowledge or reject the notice(s)</p> <p>In case of rejection, the reason(s) for rejection shall be communicated by Engineer-in-Charge to the agency.</p> <p>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.</p> <p>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.</p> <p>In absence of notice by the contractor, Engineer-in-Charge or his representative(s) may record the events causing delay within 05 (five)</p>


R.K. JAIN
(EE (Contact))

	<p>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.</p>
<p>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.</p>	<p>No change.</p>
<p>5.3</p> <p>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.</p>	<p>5.3 Delays attributable to the department</p> <p>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.</p> <p>The contractor shall not be entitled for any hindrance in case notice(s) are not given by the contractor through ERP portal.</p> <p>The Engineer-in-Charge, on receipt of such notice(s) after considering the factual ground situation, shall either acknowledge or reject the notice(s).</p> <p>In case of rejection, the reason(s) for rejection shall be communicated by Engineer-in-Charge to the agency.</p> <p>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.</p>


 R.K. JAIN
 (EE (Contact))

	<p>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.</p> <p>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.</p>
<p>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.</p>	<p>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.</p>
<p>5.4</p> <p>Request for rescheduling of Mile stones or extension of time, to be eligible for consideration, 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.</p>	<p>5.4 Rescheduling of milestone(s) and 'extended date of completion'</p> <p>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.</p>
<p>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</p>	<p>Deleted</p>

21/11/2025
R.K. JAIN
(EE (Contract))

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).

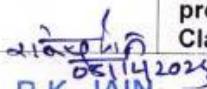
E-in-C shall finalize/ reschedule a particular mile stone before taking an

Engineer-in-Charge shall finalize/ reschedule a particular mile stone

28/11/2025
R.K. JAIN
(EE (Contact))

Page 7 of 9

<p>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.</p>	<p>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.</p>
<p>5.5</p> <p>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.</p>	<p>5.5 Delays attributable solely to the contractor</p> <p>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.</p> <p>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.</p> <p>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</p>


 R.K. JAIN
 (EE (Contact))

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

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/ Maintenance 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
(EE (Contact))

Page 9 of 9

केन्द्रीय लोक निर्माण विभाग
कार्यालय ज्ञापन

No. DG/CON/Maintenance 2023/03
ISSUED BY AUTHORITY OF DIRECTOR GENERAL, CPWD

NIRMAN BHAWAN, NEW DELHI

Dated: 18.12.2023

Subject: Modifications in Conditions of Contract, Clause 12 and Schedule E and F of GCC 2023 for Maintenance Works

The following amendments are made in the GCC 2023 Maintenance 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 (x)(a)	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 (x) (a) No change
(x) (b) Schedule(s) referred to in these conditions shall mean the relevant schedule(s) annexed to the tender documents or the standard Schedule of Rates of the government mentioned in Schedule 'F' hereunder, with the amendments thereto issued upto the date of receipt of the tender.	(x) (b) Schedule(s) referred to in these conditions shall mean the relevant schedule(s) annexed to the tender documents or the standard Schedule of Rates of the government mentioned in Schedule 'F' hereunder, with the amendments thereto issued previous day of the last date of submission of the tender.
(xi) to (xv)	(xi) to (xv) No change
(xvi) No provision	(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) No provision	(xvii) Completion cost: The completion cost includes gross amount of work done, amount of extra item(s) and deviation(s) and escalation amount admissible as per agreement etc.


R.K. JAIN
(EE (Contact))

Correction: Nil, Deletion: Nil, Insertions: Nil, Overwriting: Nil

NIT-88

(xviii) No provision	(xviii) Maintenance work: Maintenance work(s) are those work(s) which includes upgradation, aesthetic improvement, special repair, addition/ alteration, annual repair, comprehensive maintenance work etc.
<p>Clause 12 Deviations/ Variations Extent and Pricing</p> <p>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 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 other reasons and the contractor shall be bound to carry out the works in accordance with any instruction 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.</p>	<p>Clause 12 Deviations/ Variations Extent and Pricing</p> <p style="text-align: center;">No change</p>
<p>The completion cost of any agreement for maintenance works including works of upgradation, aesthetic, special repair, addition/ alteration should not exceed two times the contract amount. Deviation upto 1.25 times of contract amount shall be approved by Engineer-in-Charge with recorded reasons. Deviation beyond 1.25 times upto 1.50 times of contract amount shall be approved by SE/CE (as applicable) with recorded reasons. In exceptional case, ADG/SDG (as applicable) shall have power to approve the deviation beyond 1.50 times upto 2.0</p>	<p>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 item(s), deviation(s) so that completion cost does not exceed above limit. Work executed beyond above limit will neither be recorded nor be paid.</p>


R.K. JAIN
 (EE (Contact))

times of contract amount with recorded reasons and take suitable corrective action.

Engineer-in-Charge will verify and confirm the alerts before assigning deviation(s) and / or extra item(s) 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 claim(s) 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 :

12.1 The time for completion of the works shall, in the event of any deviation(s) and extra item(s) resulting in additional cost over the **contract amount** will 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

- (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

12.2 Deviation, Extra Items and Pricing

Extra items are those which are not available in the contract.

For percentage rate tenders, the extra item(s) which are available in the standard schedule of rates specified in Schedule F, shall be paid as per the said schedule rate plus cost index (considered in the estimated cost put to tender) plus/minus percentage above/below quoted on estimated cost put to tender.

Deleted

For item rate tenders, the extra item(s) which are available in the standard schedule of rates specified in Schedule F, shall be paid as per the said schedule rate plus cost index (considered in the

Deleted

R.K. JAIN
R.K. JAIN
 (EE (Contact))

estimated cost put to tender) plus/minus percentage above/ below worked out on the basis of overall contract amount and estimated cost of the work put to tender.

In the case of extra item(s) which are not available in the standard schedule of rates specified in Schedule F, 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.

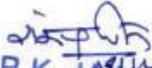
(a) Non Schedule Extra Item(s) - The contractor, shall within fifteen days of the receipt of order to execute extra item(s) or occurrence of the item(s), submit analysis of rate of extra item(s) based on the rate(s) of material(s) available in basic rate of Standard Schedule of Rate mentioned in schedule F and rate(s) of the material(s) based on tax paid bills which are not available in standard Schedule of Rate mentioned in schedule F. For this purpose, the basic rate of material(s) available in Schedule of Rate(s) mentioned in Schedule F will be enhanced or reduced by the applicable cost index, as the case may be.

The rate(s) of the material(s) which are not available in Standard Schedule of Rates, mentioned in Schedule F, shall be based on, tax paid bill(s) for the material(s) as defined in manufacturer's specification.

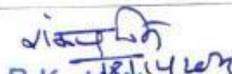
Material rate(s) from Standard Schedules of Rate(s) shall be given priority in the analysis of rate(s).
The rate of extra item will be

- i. Analyzed rate(s) as above multiplied by (Contract amount divided by estimated cost put to tender), if tendered amount is below the estimated amount put to tender.
- ii. Analyzed rate, if the Contract 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.


R.K. JAIN
(EE (Contact))

<p>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 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.</p>	<p>Where the contractor submits analysis of rate(s) of extra item(s) 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 item(s). The contractor shall be paid in accordance with the rate(s) so determined.</p> <p>However provisional rate(s) on the basis of invoice will be allowed by the Engineer-in-Charge. Invoice shall be accepted only for material(s) not available in the Standard Schedule of Rates mentioned in Schedule F.</p> <p>The contractor while submitting the tax paid bill of purchased material(s) shall ensure that rate(s) of the materials are reasonable and lowest available in the market. If Engineer-in-Charge feels rates in tax paid bill(s) submitted by contractor are not reasonable then he can modify the rate(s) after giving a notice to the contractor. Engineer-in-Charge is the final authority to decide applicable rate(s) of material(s).</p>
<p>(b) No Provision</p>	<p>(b) Scheduled Extra Items</p> <ol style="list-style-type: none"> i. For percentage rate tender, 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 tender, the extra item(s) shall be paid as per the said schedule rate enhanced or reduced by the applicable cost index and multiplied by (Contract amount divided by estimated cost put to tender).


R.K. JAIN
 (EE (Contact))

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.	The rate(s) of extra item(s) so determined by the Engineer-in-Charge shall be final and binding on the contractor.
12.3 Deviation, Deviated Quantities, Pricing All the deviated quantities shall be paid at agreement rates	12.3 No change
12.4 The case of any operation incidental to or necessarily has to be in contemplation of tenderer while quoting filing tender, or necessary for proper execution of the item included in the Schedule of quantities or in the schedule of rates mentioned above, whether or not, specifically indicated in the description of the item and the relevant specifications, shall be deemed to be included in the rates quoted by the tenderer or the rate given in the said schedule of rates, as the case may be. Nothing extra shall be admissible for such operations.	12.4 No Change
12.5 No provision	12.5 Cost index Latest available Cost index at the time of beginning of execution of extra item(s) shall be used in sub-clauses 12.2 (a) and 12.2 (b) for calculation of rate(s) of extra item(s).
12.6 No provision	12.6 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 'E' Reference to General Conditions of Contract	PROFORMA OF SCHEDULES (Separate Performa for Civil, Elect.& Hort. Works in case of Composite Tenders) SCHEDULE 'E' Reference to General Conditions of Contract : (GCC EPC Projects 2022/ GCC Maintenance Works 2023/ GCC Construction Works 2023)


R.K. JAIN 4/2023
 (EE (Contact))

	Applicable GCC is as modified & corrected upto previous day of the last date of submission of the tender. (NIT approving authority to mention one GCC in the space provided above)
SCHEDULE 'F' GENERAL RULES & DIRECTIONS: Officer inviting tender Maximum percentage for quantity of items of work to be executed beyond which rates are to be determined in accordance with Clauses 12.2 & 12.3. See below	SCHEDULE 'F' GENERAL RULES & DIRECTIONS: No Change Deleted
9 (ii) Standard CPWD contract Form GCC 2020, CPWD Form 7/ 8 as modified & corrected upto	9(ii) Standard CPWD contract Form General Conditions of Contract Maintenance Works 2023 , CPWD Form 7/ 8 as modified & corrected upto previous day of the last date of submission of the tender.
Clause 12 12.2 Deviation Limit beyond which clauses 12.2 shall apply for building work	Clause 12 Deleted

This issues with the approval of DG CPWD.



18-12-2023
(वी. पी. साहू)

अधीक्षण अभियंता(सी.एंड एम.)

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

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


R.K. JAIN
(EE (Contact))

केन्द्रीय लोक निर्माण विभाग
कार्यालय ज्ञापन

No. DG/CON/Maintenance 2023/04
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 Maintenance Works

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

Existing provision	Modified provision
<p>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:-</p> <p>(i) to (xix)</p> <p>(xx) No provision</p> <p>(xxi) No provision</p>	<p>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:-</p> <p>(i) to (xix) No change</p> <p>(xx) Adolescent Person: A person who has completed his/her fourteenth year of age but has not completed his eighteenth year.</p> <p>(xxi) Hazardous works: Hazardous process/works are the works as defined in the clause (cb) of the Factory Act, 1948.</p>
<p>Clause 19 Labour Laws to be complied by the Contractor</p> <p>The contractor shall comply with the provisions of the Contract Labour (Regulation and Abolition) Act, 1970, and the Contract Labour (Regulation and Abolition) Central Rules, 1971.</p> <p>The contractor shall also obtain a valid licence under the said Act before the commencement of the work, and continue to have a valid licence until its completion.</p> <p>The contractor shall also comply with provisions of the Inter-State Migrant Workmen (Regulation of Employment and Conditions of Service) Act, 1979.</p>	<p>Clause 19 Labour Laws to be complied by the Contractor</p> <p>No change</p> <p>No change</p> <p>No change</p>

<p>The contractor shall also abide by the provisions of the Child and Adolescent Labour (Prohibition and Regulation) Act, 1986.</p> <p>The contractor shall also comply with the provisions of the building and other Construction Workers (Regulation of Employment & Conditions of Service) Act, 1996 and the building and other Construction Workers Welfare Cess Act, 1996.</p> <p>Any failure to fulfil these requirements shall attract the penal provisions of this contract arising out of the resultant non-execution of the work.</p>	<p>The contractor shall also abide by the provisions of the Child and Adolescent Labour (Prohibition and Regulation) Act, 1986, amended by Amendment Act No. 35 of 2016 and thereafter time to time.</p> <p>No change</p> <p>No change</p>
<p>Clause 19A</p> <p>No labour below the age of eighteen years shall be employed on the work.</p>	<p>Clause 19A</p> <p>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.</p>
<p>C.P.W.D. Contractor's Labour Regulations 2. DEFINITIONS</p> <p>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.</p> <p>No person below the age of 18 years shall be employed to act as a workman.</p>	<p>C.P.W.D. Contractor's Labour Regulations 2. DEFINITIONS</p> <p>i. (c)</p> <p>No change.</p> <p>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.</p>

This issues with the approval of DG CPWD.

Jahy
08.02.2024
(वी. पी. साहू)

अधीक्षण अभियंता(सी.एंड एम.)

Issued from file No. CSQ/CM/17(1)/2024/Maintenance e-file 9169019
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/Maintenance 2023/05

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 Maintenance Works**

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

Existing provision	Modified provision
<p style="text-align: center;">CONDITIONS OF CONTRACT</p> <p>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:-</p> <p>(i) to (iii)</p> <p>No Provision</p>	<p style="text-align: center;">CONDITIONS OF CONTRACT</p> <p>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:-</p> <p>(i) to (iii) No change</p> <p>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.</p>
<p style="text-align: center;">Clause 19 B Payment of Wages</p> <p>(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.</p>	<p style="text-align: center;">Clause 19 B Payment of Wages</p> <p>(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.</p>


R.K. JAIN
(EE (Contact))

Correction: Nil, Deletion: Nil, Insertions: Nil, Overwriting: Nil

NIT-97

<p>(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.</p>	<p>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 .</p> <p>(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 the modifications thereof or any other laws relating thereto and the rules made there under from time to time.</p>
<p>Clause 20 Minimum Wages Act to be Complied With</p> <p>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.</p>	<p>Clause 20 Minimum Wages Act to be Complied With</p> <p>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.</p>

This issues with the approval of DG CPWD.

[Signature] 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)

[Signature]
29/04/2024
R.K. JAIN
(EE (Contact))

**Central Public Works Department
Office Memorandum**

No. DG/CON/Maintenance 2023/06

ISSUED BY AUTHORITY OF DIRECTOR GENERAL, CPWD

NIRMAN BHAWAN, NEW DELHI

Dated: 01.03.2024

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

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

Existing provision	Modified provision
<p>Clause 7 Payment on intermediate certificate to be regarded as Advances</p> <p>No payment shall be made for work, estimated to cost Rs. Five lac or less till after the whole of the work shall have been completed and certificate of completion given. calendar month of the measurements recorded upto previous month as per clause 6.</p>	<p>Clause 7 Payment on intermediate certificate to be regarded as Advances</p> <p>No change.</p>
<p>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.</p>	<p>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.</p>
<p>No provision</p>	<p>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.</p> <p>Such payment by Engineer-in-Charge shall not be construed as waiver of limit specified in schedule 'F' for subsequent interim payment(s).</p>

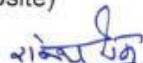
This issues with the approval of DG CPWD.


(V.P. Sahu) 01/03/2024

Superintending Engineer (C&M)

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

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


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

**Central Public Works Department
Office Memorandum**

No. DG/CON/Maintenance 2023/07

ISSUED BY AUTHORITY OF DIRECTOR GENERAL, CPWD

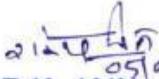
NIRMAN BHAWAN, NEW DELHI

Dated: 05.03.2024

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

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

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


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

Correction: Nil, Deletion: Nil, Insertions: Nil, Overwriting: Nil

NIT-100

<p>No provision</p> <p>Any failure to fulfill these requirements shall attract the penal provisions of this contract arising out of the resultant non-execution of the work.</p>	<p>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.</p> <p>Any failure to fulfil these requirements shall attract the penal provisions of the relevant act and in this contract</p>
<p>Clause 19 M</p> <p>No Provision</p>	<p>Clause 19 M Sexual Harassment of Women at Workplace</p> <p>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).</p>

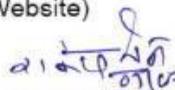
This issues with the approval of DG CPWD.


05-03-2024
(V.P. Sahu)

Superintending Engineer (C&M)

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

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


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

**Central Public Works Department
Office Memorandum**

No. DG/CON/Maintenance 2023/08

ISSUED BY AUTHORITY OF DIRECTOR GENERAL, CPWD

NIRMAN BHAWAN, NEW DELHI

Dated: 03-06-2024

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

The following amendment is made in the Clause 36 of GCC 2023 for Maintenance Works:

Existing provision	Modified provision
<p>Clause 36 If relative working in CPWD then the contractor not allowed to tender</p> <p>The contractor shall not be <i>permitted</i> to tender for works in the CPWD circle (<i>Division in case of contractors of Horticulture/Nursery categories</i>) 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 <i>Superintending Engineer</i> and Junior Engineer (both inclusive). He shall also intimate the names of persons who are working <i>with him in any capacity</i> or are subsequently employed by him and who are near relatives to any <i>Gazetted</i> Officer in the <i>C.P.W.D. or in the Ministry of Housing and Urban Affairs</i>. Any breach of this condition by the contractor would render him liable to be <i>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.</i></p>	<p>Clause 36 If relative working in CPWD then the contractor is not allowed to participate in the tendering process</p> <p>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.</p>
<p>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.</p>	<p>No change.</p>

This issues with the approval of DG, CPWD.

V.P. Sahu
03.06.2024
(V.P. Sahu)

Superintending Engineer (C&M)

Issued from file No. CSQ/CM/17(1)/2023/ Maintenance

e-file 9135972

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

R.K. Jain
17/07/2024
R.K. JAIN
EE (Contract)

Correction: Nil, Deletion: Nil, Insertions: Nil, Overwriting: Nil

Central Public Works Department

Office Memorandum

No. DG/CON/Maintenance 2023/09

ISSUED BY AUTHORITY OF DIRECTOR GENERAL, CPWD

NIRMAN BHAWAN, NEW DELHI

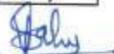
Dated: 03-06-2024

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

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

Existing provision	Modified provision
<p>General Rules and Directions Sl. No. 1 to 16</p> <p>No Provision</p>	<p>General Rules and Directions</p> <p>No Change</p> <p>17. Price Preference to SC/ST individual contractor for _____ item _____ rate/percentage _____ rate tender: Price preference in quoted item rate/percentage rate tender shall be applicable to the individual enlisted/non-enlisted SC/ST contractor as under:-</p> <ol style="list-style-type: none"> 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 pretence 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.
<p>Schedule F</p> <p>No Provision</p>	<p>Schedule F</p> <p>Price Preference to SC/ST individual contractor is valid upto (date)</p>

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/Maintenance e-file 9163323

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

21/06/2024
 R.K. JAIN
 EE (Contract)

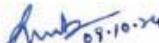
केन्द्रीय लोक निर्माण विभाग
कार्यालय ज्ञापन

No. DG/CON/Maintenance 2023/10
ISSUED BY AUTHORITY OF DIRECTOR GENERAL, CPWD

NIRMAN BHAWAN, NEW DELHI Dated: 09.10.2024
Subject: Modifications in Clause 10A of GCC 2023 for Maintenance Works.

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

Existing provision	Modified provision
<p>Clause 10A Materials to be provided by the contractor</p> <p>The contractor shall as specified in Schedule F.</p> <p>No Provision</p>	<p>Clause 10A Materials to be provided by the contractor</p> <p>(i) No Change</p> <p>(ii) Maintenance of Material at Site (MAS) Register</p> <p>(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.</p>
<p>(b) No provision</p>	<p>(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.</p>


R K SINGH
EE(Manual)

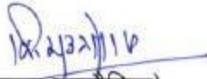
1/2

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 where Plants 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)/ Maintenance/2024
e-file 9184028 (DFA/9301389)

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


 R.K. SINGH
 EE(Manual)

2/2

केन्द्रीय लोक निर्माण विभाग
कार्यालय ज्ञापन

No. DG/CON/Maintenance-2023/11

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 Maintenance Works 2023.

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

Existing Provision	Modified Provision
<p>Clause 10A: Materials to be provided by the Contractor</p> <p>(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.</p>	<p>No Change</p>
<p>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.</p>	<p>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.</p>
<p>No Provision</p>	<p>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.</p> <p>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</p>

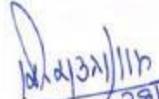

R K SINGH
EE(Manual)

1

<p style="text-align: center;">No Provision</p>	<p>authorized representative of Engineer-in-Charge and Engineer-in-Charge regarding submission of sample (s) and 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.</p> <p>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.</p>
<p>Sl. no. (ii) (a) and (b)</p>	<p>No change</p>

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/Maintenance 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/Maintenance 2023/12

ISSUED BY AUTHORITY OF DIRECTOR GENERAL, CPWD

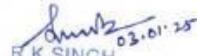
NIRMAN BHAWAN, NEW DELHI

Dated: 03.01.2025

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

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

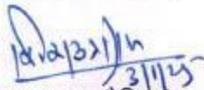
Existing provision	Modified provision
<p>Applicable for Item Rate Tender only (CPWD - 8) 4 The rates rupee one.</p> <p>In case the lowest tendered amount (worked out on the basis of quoted rate of Individual items) of two or more contractors is same, then such lowest contractors may be asked to submit 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.</p> <p>If the revised their tenders. In case of any be forfeited. In case all lowest contractors. Contractor of the work.</p>	<p>Applicable for Item Rate Tender only (CPWD - 8) 4 No change</p> <p>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.</p> <p>No change</p>
<p>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</p>	<p>Applicable for Percentage Rate Tender only [CPWD- 7] 4B In case the lowest tendered amount (estimated cost \pm 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/</p>


R K SINGH
EE(Manual)

1

<p>percentage above/ below on estimated cost of tender including all sub sections/sub 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.</p> <p>In case of any be forfeited. If the revised their tenders. In case all process of the work.</p>	<p>below on estimated cost of tender including 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 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.</p> <p>No change</p>
--	---

This issues with the approval of DG, CPWD.


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

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

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


R K SINGH
EE(Manual)

केन्द्रीय लोक निर्माण विभाग
कार्यालय ज्ञापन

No. DG/CON/Maintenance 2023/13
ISSUED BY AUTHORITY OF DIRECTOR GENERAL, CPWD

NIRMAN BHAWAN, NEW DELHI

Dated: 31.01.2025

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

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

Existing provision	Modified provision
<p>Clause 7A</p> <p>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.</p>	<p>Clause 7A</p> <p>(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.</p> <p>(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:-</p> <ol style="list-style-type: none">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. <p>(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.</p>

This issues with the approval of DG, CPWD.

Issued from file No. CSQ/CM/17(1)/2023/Maintenance e-file 9184028 (DFA/9313089)
केलोनिवि तथा लोनिवि दिल्ली के सभी अधिकारियों को आवश्यक सूचना एवं कार्यवाही हेतु।
(केलोनिवि वेबसाईट के माध्यम से)

R K SINGH
EE(Manual)

Correction: Nil, Deletion: Nil, Insertions: Nil, Overwriting: Nil

NIT-110

Central Public Works Department
Office Memorandum
No. DG/CON/Maintenance 2023/14
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 Maintenance Works.

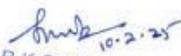
The following amendments are made in the Clauses 7, 8, 9 and Schedule F of clause 8 of GCC 2023 for Maintenance Works:

Existing provision	Modified provision
<p>Clause 7 Existing provisions</p> <p style="text-align: center;">No provision</p>	<p>Clause 7 No change</p> <p>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.</p>
<p>Clause 8 Completion Certificate</p> <p>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.</p> <p>But no final certificate sum actually realized by the sale thereof.</p>	<p>Clause 8 Completion Certificate</p> <p>Within ten days of the completion of the work, 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 work, then intimate to the concerned authorities as mentioned in Schedule F for issuance of completion certificate. The concerned authorities will inspect the work and issue completion certificate within thirty days of the receipt of such intimation. The Engineer-in-Charge shall furnish to the contractor a final certificate of completion 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.</p> <p>No change.</p>

R K SINGH
R K SINGH
 EE(Manual)

Page 1 of 3

Clause 9 Payment of Final Bill	Clause 9 Payment of Final Bill
<p>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.</p>	<ol style="list-style-type: none"> <li data-bbox="786 423 1284 741">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. <li data-bbox="786 741 1284 994">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. <li data-bbox="786 994 1284 1312">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, completion certificate, final extension of time case, mandatory tests statement, dismantled materials account and other documents as mentioned in clause-7 A etc. <li data-bbox="786 1312 1284 1547">iv. An undertaking along the final bill will be submitted by the contractor that "I / we hereby under take 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". <li data-bbox="786 1547 1284 1783">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 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


 10.2.25
 R K SINGH
 EE(Manual)

<p>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.</p>	<p>charge, will, be made within the 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.</p> <p>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 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.</p> <p>vii. If the final bill, in complete shape, 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 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.</p>
<p>Schedule F</p> <p>Clause 8</p> <p>No Provision</p>	<p>Schedule F</p> <p>Clause 8</p> <p>Competent Authorities to inspect and issue completion certificate</p> <p>(To be filled by NIT approving authority).</p>

This issues with the approval of DG, CPWD.

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

Issued from file No. CSQ/CM/17(1)/2025/Maintenance e-file 9190123 (DFA/9315616)

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

(Signature)
10.2.25 Page 3 of 3
R K SINGH
EE(Manual)

केन्द्रीय लोक निर्माण विभाग
कार्यालय झापन

No. DG/CON/ Maintenance 2023/15
ISSUED BY AUTHORITY OF DIRECTOR GENERAL, CPWD

NIRMAN BHAWAN, NEW DELHI

Dated: 03.03.2025

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

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

Existing provision	Modified provision
<p>Clause 14 Carrying out part work at risk & cost of contractor</p> <p>If contractor:</p> <p>(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 :</p> <p>(a) Take possession of the site and any materials, constructional plant, implements, stores, etc., thereon; and/or</p> <p>(b) Carry out the part work / part incomplete work of any item(s) by any means at the risk and cost of the contractor.</p>	<p>Clause 14 Carrying out part work at risk & cost of contractor</p> <p>If contractor:</p> <p>(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 :</p> <p>(a) Take possession of the site and any materials, constructional plant, implements, stores, etc., thereon; and/or</p> <p>(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).</p>

This issues with the approval of DG, CPWD.

(आर. के. सिंह)

कार्यपालक अभियन्ता (एम.)

Issued from file No. CSQ/CM/17(1)/2023/ Maintenance e-file-9184028 (DFA/9319526)

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

R K SINGH
EE(Manual)

केन्द्रीय लोक निर्माण विभाग
कार्यालय ज्ञापन

No. DG/CON/ Maintenance 2023/16

ISSUED BY AUTHORITY OF DIRECTOR GENERAL, CPWD

NIRMAN BHAWAN, NEW DELHI

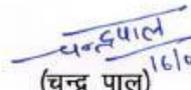
Dated: 16.06.2025

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

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

Existing provision	Modified provision
<p>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).</p> <p>The aforesaid educational qualification and work experience shall be mandatory for appointment as Arbitrator.</p> <p>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.</p>	<p>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).</p> <p>The aforesaid educational qualification and work experience shall be mandatory for appointment as Arbitrator.</p> <p>The age of Arbitrator at the time of appointment shall not exceed 70 years.</p>
<p>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.</p>	<p>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.</p>

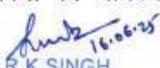
This issues with the approval of DG, CPWD.


(चन्द्र पाल)
16/06/2025

अधीक्षण अभियंता (सी. एंड एम.)

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

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


16.06.25
R K SINGH
EE(Manual)

Correction: Nil, Deletion: Nil, Insertions: Nil, Overwriting: Nil

NIT-115

केन्द्रीय लोक निर्माण विभाग
कार्यालय ज्ञापन

No. DG/CON/ Maintenance 2023/18
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 Maintenance Works

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


D.P. Jindal
EE (Contract)

Schedule of Quantities

Schedule of Quantities

S. No	Description of Item	Unit	Qty.	Rate	Amount	Remarks
	PART-A					
	SH: Deployment of Manpower (Considering minimum statutory wages w.e.f. 01.10.2025, PF @ 13% (12% Employer Contribution plus 1% Admin Charges))					
1	Providing services of Highly Skilled Manpower for Overall Supervision and maintenance of complaint including upkeep of register book /Substation Log Book / DG Set Log Book /workers attendance register /Complaint register/ Preventive maintenance register of all E&M Services as decided by Engineer-in-Charge. The work define is not limited but extend to any requirement as per IIT Goa.					
1.1	Electrical Supervisor - 1 Nos (Highly Skilled)	Mandays	311	₹1,528.00	₹4,75,208.00	NDSR 1
	<p>Providing services of Skilled Manpower for maintenance complaints (day to day electrical complaints) and additional works as per IIT Goa requirement comprises the following:</p> <ol style="list-style-type: none"> 1. Day to day maintenance complaints of electrical installation such as light points, fan points, exhaust fan points, call bell points, light/power plug points, street light all electrical fittings & fixtures, LT & HT Panel and Starter & motor of buildings and repairing of defective parts, energisation of substation i/c fault rectification etc.; 2. Checking & cleaning of Electrical Installation including connection and interconnection, blower, vacuum cleaning etc.; 3. Any additional works for power points, wiring, light fitting, fan, DB's etc. as per requirement of IIT Goa; 4. Street light work i/c replacing of light and cable at desired height and depth; Nothing shall be paid extra for hydra/scaffolding etc. 5. Checking of DG Set on daily basis and trail run testing i/c rectification of fault. 6. The work define is not limited but extend to any requirement as per IIT Goa even for fixing the goods/items procured from the Institutes side. 7. Attending all emergency complaints. 8. Providing services of Mechanic for attending all complaints related to ACs, all electrical appliances like water coolers, washing machines, water purifiers and repairing of defective parts and replacement of new spare parts and preventative 					

Correction: Nil, Deletion: Nil, Insertions: Nil, Overwriting: Nil

	maintenance (servicing), shifting & reinstallation of machines as per requirement. The work define is not limited but extend to any requirement as per IIT Goa even for fixing the goods/items procured from the Institutes side and any other work assigned as decided by Engineer-in-Charge.					
1.2	Skilled (Electrician-7 Nos; AC Mechanic -1 Nos)	Mandays	2488	₹1,280.00	₹31,84,640.00	NDSR 2
	Total Part A (in Rs.)				₹36,59,848.00	
	PART-B					
	SH: Maintenance and Servicing of Electrical Installations					
2	Dehydration and filtration of insulation transformer oil of 11 kV 315 kVA Transformers having 500 ltrs Oil Capacity with filtration machine equipped with suitable heating system. attending leakages, testing of BDV, Megger inclusive of labour & transportation charges of equipment at site as reqd, as per standard practice and directions of Engineer-In-Charge.	Job	1	₹19,657.00	₹19,657.00	NDSR 3
3	Supplying & Top-up of dehydrated filtered transformer oil as per IS norms with minimum 50 kV BDV upto the required level of transformer and as reqd, as per standard practice and directions of Engineer-In-Charge.	Litre	200	₹187.00	₹37,400.00	NDSR 4
4	Replacement of worn out silica gel with new silica gel for the breather of Transformer complete as required, as per standard practice and directions of Engineer-In-Charge.	Kg	0.50	₹208.00	₹104.00	NDSR 5
5	Servicing of LT Main distribution with incomer panel and outing panel & APFC Panel including checking bus bar & connections tightening cleaning/removing dust with blower etc. as required. The work is to be done as per standard practice and directions of Engineer-In-Charge.	Each	1	₹7,209.00	₹7,209.00	NDSR 6
6	Maintenance & Testing of Earthing System of 11kV Substation based on IS standards including testing of earth pits, chemical/salt/charcoal filling, continuity test of earth strip/conductor from the earth pit to the earth terminal of electrical equipment, as reqd on site, as per standard practice and directions of Engineer-In-Charge	Job	16	₹1,661.00	₹26,576.00	NDSR 7
7	Servicing of 800 Amp capacity 3 phase, 415 volts non-draw out type LT ACB complete with removal / dismantling of required parts for servicing, checking, cleaning of ARC chutes, testing and rectification of defects,	Each	4	₹11,074.00	₹44,296.00	NDSR 8

Correction: Nil, Deletion: Nil, Insertions: Nil, Overwriting: Nil

	oiling and greasing of moving gear assembly, coil and motor resistance measurement, insulation resistance measurement, mechanism & contact clean through CRC/WD-40 etc., and contacts i/c reassembly, recommissioning in LT panel complete as reqd. including the Calibration of Relays.					
8	Servicing of LT Main distribution panel including checking bus bar & connections tightening cleaning/removing dust with blower etc. as required. It consists of bus coupler & AMF Panel Compartment and distribution panel having 8 Nos outing (100-630 Amp rating). The work is to be done as per standard practice and directions of Engineer-In-Charge.	Each	1	₹5,030.00	₹5,030.00	NDSR 9
	SH: AMC of 500 KVA DG Set					
9	Annual Maintenance of 500 KVA DG set (Make: Kirlosker) complete with diesel engines, alternators, control panels along with associated accessories, which includes periodical checking, preventive maintenance as per OEM schedule, breakdown maintenance, attending all complaints and performing A-Check, B CHECK, C-check etc as recommended by the OEM including changing the required spare parts or PCBs or anything to make the system functional strictly as per terms & condition, scope of work of NIT document and keeping all records and get the service report duly signed by IIT Goa Engineer etc. as required. 1) This AMC include two service in year i/c replacement of all types of filters (oil, lube oil, air filter, coolant filter etc.), lube oil, coolant, water separator etc. as per OEM schedule & required. 2) Quarterly visit for PM of DG sets i.e. 04 times in year 3) Attend all breakdown complaints as and when required. 4) Any faulty parts etc shall be required to be replaced by the contactor on actual invoice value from OEM/authorized dealer without CP&OH. Note: OEM Authorised Dealer shall do the AMC strictly. (1 Job = 3 months i.e. 1 quarter)	Job	4	₹25,246.00	₹1,00,984.00	NDSR 10
	SH: Supply of DSR Material for day to day maintenance works (Rates of item are considering with Basic Rate of Material of DSR E&M 2025 + Carriage+Labour Cess + CPOH + GST)					

Correction: Nil, Deletion: Nil, Insertions: Nil, Overwriting: Nil

10	1.5 sq. mm ISI marked, FRLS PVC insulated, single core copper conductor cable	metre	720	₹25.00	₹18,000.00	i-1101
11	2.5 sq. mm ISI marked, FRLS PVC insulated, single core copper conductor cable	metre	450	₹39.00	₹17,550.00	i-1102
12	4.0 sq. mm ISI marked, FRLS PVC insulated, single core copper conductor cable	metre	270	₹58.00	₹15,660.00	i-1103
13	25 mm dia, ISI marked, PVC conduit	metre	50	₹40.00	₹2,000.00	i-1225
14	Modular base & cover plate for 2 module	each	20	₹58.00	₹1,160.00	i-1421
15	Modular base & cover plate for 3 module	each	50	₹78.00	₹3,900.00	i-1422
16	Modular base & cover plate for 4 module	each	50	₹84.00	₹4,200.00	i-1423
17	Modular base & cover plate for 6 module	each	60	₹109.00	₹6,540.00	i-1424
18	Modular base & cover plate for 8 module	each	50	₹140.00	₹7,000.00	i-1425
19	Modular base & cover plate for 12 module	each	20	₹203.00	₹4,060.00	i-1426
20	S.P. 5/6 amps, one way modular switch, ISI marked	each	100	₹47.00	₹4,700.00	i-1402
21	S.P. 15/16 amps, one way modular switch, ISI marked	each	100	₹102.00	₹10,200.00	i-1404
22	3 pin 5/6 amps modular socket outlet, ISI marked	each	100	₹87.00	₹8,700.00	i-1405
23	6 pin 15/16 amps modular socket outlet, ISI marked	each	100	₹145.00	₹14,500.00	i-1406
24	Stepped type Modular Fan regulator (2 module)	each	40	₹305.00	₹12,200.00	i-1408
25	Astronomical time switch suitable for 1 output per phase and suitable for single phase supply	each	5	₹4,183.00	₹20,915.00	i-1448
26	6 amps. to 32 amps. ratings , SP MCB, "C" curve, 10 KA breaking capacity	each	60	₹187.00	₹11,220.00	i-1706
27	6 amps. to 32 amps. ratings , SPN MCB, "C" curve, 10 KA breaking capacity	each	20	₹545.00	₹10,900.00	i-1707
28	6 A, to 32 A, ratings, DP MCB, "C" curve, 10 KA breaking capacity	each	20	₹598.00	₹11,960.00	i-1708
29	6 amps. to 32 amps. ratings , TPN MCB, "C" curve, 10 KA breaking capacity	each	10	₹1,203.00	₹12,030.00	i-1710
30	40 A, 4 pole isolator	each	5	₹853.00	₹4,265.00	i-1714
31	63 A, 4 pole isolator	each	5	₹919.00	₹4,595.00	i-1715
32	20 A, TPN, industrial type socket outlet, with plug top and metal chained cover in sheet steel enclosure	each	5	₹1,380.00	₹6,900.00	i-1731
33	Al. Alloy/ cadmium plated iron screws, 20 mm	each	1000	₹1.00	₹1,000.00	i-2851
34	Iron screws, 35 mm X 6 mm	each	1000	₹2.00	₹2,000.00	i-2852
35	Iron screws, 40 mm X 6 mm	each	1000	₹2.00	₹2,000.00	i-2853
36	Iron screws, 45 mm X 6 mm	each	1000	₹2.00	₹2,000.00	i-2854
37	Steel fastener 6 mm X 75 mm	each	1000	₹10.00	₹10,000.00	i-2855
38	Steel fastener 8 mm X 75 mm	each	1000	₹15.00	₹15,000.00	i-2856
39	PVC fastener 40mm long	each	3000	₹1.00	₹3,000.00	i-2857
40	PVC clip for fixing cable	each	3000	₹1.00	₹3,000.00	i-2858
41	GI saddle 20mm x 3mm	each	1000	₹5.00	₹5,000.00	i-2859

Correction: Nil, Deletion: Nil, Insertions: Nil, Overwriting: Nil

42	Check nut 20mm	each	1000	₹7.00	₹7,000.00	i-2860
43	Rubber reel, nut & bolts with washers and safety pin	set	80	₹93.00	₹7,440.00	i-2861
44	LED surface mounted 15 watt light (round/square), System lumen efficacy $\geq 105 < 120$ lm/Watt Surface/flush mounted, colour temperature 6500 Kelvin, operating voltage range 220-240V, 50Hz, Surge protection ≤ 4.0 KV, Power factor ≥ 0.95 , CRI-80, lumen output at least 90 lumen per watt.	Each	200	₹783.00	₹1,56,600.00	i- 4421
45	LED panel light 2 ft x 2 ft, 1ftx4ft of 36 watt rating, System lumen efficacy $\geq 105 < 120$ lm/Watt, 100-300 Volts operating voltage and 50 Hz operating frequency, 3500 Volts Surge Protection, Non dimmable, Flicker Free, Eye-Friendly, 180 Degree Beam Angle, Life Span 20000 hours, UV and IR free and colour temperature 5700 Kelvin, 100 lumens per watt output, CRI 70%.	Each	35	₹2,249.00	₹78,715.00	i- 4434
46	LED street Light for outdoor, 50 watt rating, System lumen efficacy $\geq 105 < 120$ lm/Watt IP65 waterproof, Aluminium die casted body, average life - 50000 working hours, 2 years warranty, IP65 Driver (isolated), cool white, 120 lumens per watt, operating voltage range 85 volts to 300 volts with auto cut off at 320 volts, power factor greater than 0.95, 120 degree beam angle, 6000 degree Kelvin colour temperature, CRI 70%.	Each	20	₹1,523.00	₹30,460.00	i-4502
47	LED Flood Light for outdoor, 100 watt rating, System lumen efficacy $105 < 120$ lm/Watt IP65 waterproof, Aluminium die casted body, average life - 50000 working hours, 2 years warranty, IP65 Driver (isolated), cool white, 120 lumens per watt, operating voltage range 85 volts to 300 volts with auto cut off at 320 volts, power factor greater than 0.95, 120 degree beam angle, 6000 degree Kelvin colour temperature, CRI 70%.	Each	10	₹2,007.00	₹20,070.00	i-4550
48	Wiring for circuit/ sub main wiring along with earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed medium class PVC conduit as required.					
48.1	2 X 1.5 sq. mm + 1 X 1.5 sq. mm earth wire	metre	30	₹267.00	₹8,010.00	i-1.14.1
48.2	2 X 2.5 sq. mm + 1 X 2.5 sq. mm earth wire	metre	40	₹311.00	₹12,440.00	i-1.14.2
48.3	2 X 4 sq. mm + 1 X 4 sq. mm earth wire	metre	30	₹373.00	₹11,190.00	i-1.14.3
48.4	4 X 2.5 sq. mm + 2 X 2.5 sq. mm earth wire	metre	25	₹452.00	₹11,300.00	i-1.14.7
49	Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required.					

Correction: Nil, Deletion: Nil, Insertions: Nil, Overwriting: Nil

49.1	5/6 A switch	each	150	₹103.00	₹15,450.00	1.24.1
49.2	15/16 A switch	each	20	₹156.00	₹3,120.00	1.24.3
49.3	3 pin 5/6 A socket outlet	each	150	₹122.00	₹18,300.00	1.24.4
49.4	6 pin 15/16 A socket outlet	each	20	₹197.00	₹3,940.00	1.24.5
	SH: Supply of Non-DSR Material for day to day maintenance works					
50	Supply of 3 core 1.5 sq.mm and size flexible, PVC insulated, PVC sheathed 1.1 kV copper cable.	metre	200	₹110.00	₹22,000.00	NDSR 11
51	Supply of 3 core 2.5 sq.mm and size flexible, PVC insulated, PVC sheathed 1.1 kV copper cable.	metre	200	₹175.00	₹35,000.00	NDSR 12
52	Supply of 3 core 4 sq.mm and size flexible, PVC insulated, PVC sheathed 1.1 kV copper cable.	metre	100	₹268.00	₹26,800.00	NDSR 13
53	16 A, three pin plug top as per IS.	Each	150	₹105.00	₹15,750.00	NDSR 14
54	6 A, three pin plug top as per IS.	Each	50	₹80.00	₹4,000.00	NDSR 15
55	1.5 mfd, 230V, 50 Hz, capacitor as per IS.	Each	20	₹42.00	₹840.00	NDSR 16
56	2.5 mfd, 230V, 50 Hz, capacitor as per IS.	Each	240	₹46.00	₹11,040.00	NDSR 17
57	4.0 mfd, 230V, 50 Hz, capacitor as per IS.	Each	10	₹70.00	₹700.00	NDSR 18
58	30-40 mfd, 230V, 50 Hz, capacitor as per IS.	Each	20	₹246.00	₹4,920.00	NDSR 19
59	50 mfd, 230V, 50 Hz, capacitor as per IS.	Each	10	₹344.00	₹3,440.00	NDSR 20
60	Roller of Stepped type Modular Fan regulator (2 module); Make & Model: Legrand myris /Roma or suitable as per requirement	Each	50	₹61.00	₹3,050.00	NDSR 21
61	BLDC fan PCB card for Bajaj Energos and existing fan model	Each	4	₹1,506.00	₹6,024.00	NDSR 22
62	2 wire, 5-30 Amp rated static energy meter with 1.0 accuracy class as per IS, suitable for 01 phase, 230 V, 50 Hz AC supply.	Each	2	₹2,360.00	₹4,720.00	NDSR 23
63	4 wire, 10-60 Amp rated static energy meter with 1.0 accuracy class as per IS, suitable for 03 phase, 415 V, 50 Hz AC supply.	Each	2	₹4,366.00	₹8,732.00	NDSR 24
64	LED Bulb of 10 watt rating, 240 Volts operating voltage and 50 Hz operating frequency, 400 Volt High Voltage Protection, 4000 Volts Surge Protection, A15 Bulb Shape, Bulb Base - B22D, Non dimmable, Flicker Free, Eye-Friendly, 180 Degree Beam Angle, Life Span 15000 hours, UV and IR free and colour temperature 6500 Kelvin, 850 lumen output, CRI 80%.	Each	25	₹90.00	₹2,250.00	NDSR 25
65	LED PVC batten of 10 watt rating, 100-300 Volts operating voltage and 50 Hz operating frequency, 400 Volt High Voltage Protection, 3500 Volts Surge Protection, 2 ft length, Non dimmable, Flicker Free, Eye-Friendly, 180 Degree Beam Angle, Life Span 20000 hours, UV and IR free and colour temperature 6500 Kelvin, 2000 lumen output, CRI 70%.	Each	25	₹175.00	₹4,375.00	NDSR 26

66	LED PVC batten of 22-24 watt rating, 100-300 Volts operating voltage and 50 Hz operating frequency, 400 Volt High Voltage Protection, 3500 Volts Surge Protection, 4 ft length, Non dimmable, Flicker Free, Eye-Friendly, 180 Degree Beam Angle, Life Span 20000 hours, UV and IR free and colour temperature 6500 Kelvin, 2000 lumen output, CRI 70%.	Each	100	₹236.00	₹23,600.00	NDSR 27
67	25mm casing and capping in white Color or as per requirement	Mtr	100	₹59.00	₹5,900.00	NDSR 28
68	32mm casing and capping in white Color or as per requirement	Mtr	100	₹118.00	₹11,800.00	NDSR 29
69	Supplying of 2 Modular PVC box of following size as and when required.	each	20	₹71.00	₹1,420.00	NDSR 30
70	Supplying of 3 Modular PVC box of following size as and when required.	Each	50	₹113.00	₹5,650.00	NDSR 31
71	Supplying of 4 Modular PVC box of following size as and when required.	Each	50	₹113.00	₹5,650.00	NDSR 32
72	Supplying of 6 Modular PVC box of following size as and when required.	Each	60	₹187.00	₹11,220.00	NDSR 33
73	Supplying of 8 Modular PVC box of following size as and when required.	Each	50	₹243.00	₹12,150.00	NDSR 34
74	Supplying of 12 Modular PVC box of following size as and when required.	Each	20	₹297.00	₹5,940.00	NDSR 35
75	Supply of BLDC fan remote	Each	10	₹415.00	₹4,150.00	NDSR 36
	SH: Maintenance of Water purifiers					
76	Supply of Filters kit (with sediment filter, carbon filter, UV/UF filter) suitable for "AG-HIFLOW/ AQUAFLOW DX UV/ AQUAGUARD 200/ AS AQUAFLO DX NEW/ AQUAFLOW EX" water purifier 3 LPH	Each	40	₹1,063.00	₹42,520.00	NDSR 37
77	Supply of Filters kit (with 20" Sediment Filter, 20" carbon filter, post carbon filter, UV/UF Block Filter) for Aditya Tech Water Purifier 30 LPH	Each	13	₹3,530.00	₹45,890.00	NDSR 38
78	RO Membrane Filter suitable for Aditya Tech Water Purifier 30 LPH	Each	13	₹2,215.00	₹28,795.00	NDSR 39
79	Booster Pump suitable for existing Aditya Tech Water Purifier 30 LPH	Each	3	₹2,492.00	₹7,476.00	NDSR 40
80	Solenoid Valve 24V suitable for existing Aditya Tech 30 LPH/Aqua guard purifier 3 LPH	Each	5	₹554.00	₹2,770.00	NDSR 41
81	SMPS 24V suitable for existing Aditya Tech Water Purifier 30 LPH	Each	5	₹1,107.00	₹5,535.00	NDSR 42
82	Electrical adapter type power supply cut-off switch 230V, 50HZ , ISI Marked	Each	5	₹2,850.00	₹14,250.00	NDSR 43
83	Nozzle Connector all types suitable for existing Aditya Tech 30 LPH/Aqua guard purifier 3 LPH	Each	20	₹59.00	₹1,180.00	NDSR 44
84	Connecting Pipe suitable for existing Aditya Tech 30 LPH/Aqua guard purifier 3 LPH	Mtr	40	₹39.00	₹1,560.00	NDSR 45
85	Replacement of PCB of aqua guard water purifier 3 LPH under buyback	Each	10	₹1,935.00	₹19,350.00	NDSR 46

Correction: Nil, Deletion: Nil, Insertions: Nil, Overwriting: Nil

86	Supply of UV lamp of 60 W suitable for Aditya Tech/Aqua guard water purifier	Each	10	₹833.00	₹8,330.00	NDSR 47
	SH: Repair & Maintenance of washing machines					
87	Replacement of spin motor for automatic/semi-automatic washing machine suitable for make-Voltas/Whirlpool	Each	30	₹1,592.00	₹47,760.00	NDSR 48
88	Supply of buffer for semi-automatic washing machine suitable for make-Voltas/Whirlpool	Each	15	₹166.00	₹2,490.00	NDSR 49
89	Supply of Metal break Pulley for semi-automatic washing machine suitable for make- Voltas/Whirlpool	Each	10	₹208.00	₹2,080.00	NDSR 50
90	Replacement of PCB for fully automatic washing machine suitable for make- Voltas/Panasonic	Each	5	₹3,945.00	₹19,725.00	NDSR 51
91	Supply of Inlet valve for fully automatic washing machine suitable for make-Voltas/Panasonic	Each	5	₹484.00	₹2,420.00	NDSR 52
92	Supply of Pressure Switch for fully automatic washing machine suitable for make-Voltas/Panasonic	Each	5	₹540.00	₹2,700.00	NDSR 53
93	Supply of wash timer for semi-automatic washing machine suitable for make Voltas/Panasonic	each	5	₹623.00	₹3,115.00	NDSR 54
94	Supply of Spin timer for semi-automatic washing machine suitable for make Voltas/Panasonic	each	5	₹346.00	₹1,730.00	NDSR 55
95	Supply of wash motor for semi-automatic washing machine suitable for make Voltas/Panasonic 145W, thick shaft	each	5	₹2,007.00	₹10,035.00	NDSR 56
96	Supply of Capacitor 9mf+5mf for semi-automatic washing machine suitable for make Voltas/Panasonic	each	5	₹277.00	₹1,385.00	NDSR 57
97	Supply of Inlet pipe of 2 mtr length	each	10	₹166.00	₹1,660.00	NDSR 58
	SH: Repair & Maintenance of Fan, Motor & Pumps					
98	Rewinding of motor copper (starting and running winding) including all necessary material. The motor is to be wound taking no. of coils, turns and pitch, as it was originally wound with required size super enamelled wire with 'E' class insulation material and making connections etc. as required. Replacement of material or components shall be use as per guidelines of OEM of original product. All the scrap material should be retained by the contractor.					
98.1	900/1200/1400 mm sweep size ceiling fan.	Each	150	₹619.00	₹92,850.00	NDSR 59
98.2	225-300 mm sweep size exhaust fan.	Each	30	₹943.00	₹28,290.00	NDSR 60

Correction: Nil, Deletion: Nil, Insertions: Nil, Overwriting: Nil

98.3	400-450 mm sweep size heavy duty exhaust fan/pedestal fan	Each	10	₹1,260.00	₹12,600.00	NDSR 61
98.4	Motor/Pump<=3 HP	Each	5	₹2,510.00	₹12,550.00	NDSR 62
98.5	3 HP<Motor/Pump<=5 HP	Each	1	₹4,710.50	₹4,710.50	NDSR 63
99	Providing and Replacement of ball bearing / bush of following motors along with removing of existing bearings/bush and installation of new bearings/bush ensuring noiseless operation complete as required including lath work. All the scrap material should be retained by the contractor.					
99.1	900/1200/1400 mm sweep size ceiling fan.	Each	150	₹138.00	₹20,700.00	NDSR 64
99.2	225-300 mm sweep size exhaust fan.	Each	5	₹125.00	₹625.00	NDSR 65
99.3	400-450 mm 450 mm sweep size heavy duty exhaust fan/pedestal fan	Each	3	₹681.00	₹2,043.00	NDSR 66
99.4	Motor/Pump<=3 HP	Each	3	₹1,654.00	₹4,962.00	NDSR 67
99.5	3 HP<Motor/Pump<=5 HP	Each	1	₹3,090.50	₹3,090.50	NDSR 68
100	Uninstalling and Dismantling of Motor/Pump (Centrifugal/submersible) and carrying out overhauling of the same including cleaning out dirt / debris / oil from inside and outside of the motor / pump impeller / exhaust fan re-varnishing and spray painting of motor-pump set etc., checking all hold down bolts for tightness, inspecting shaft alignment, inspect coupling alignment etc, which can be a cause of vibration, inspect impeller for erosion, replacement of gasket / rubber seal, reinstallation, testing & recommissioning of the motor/pump set complete as required. (Cost also includes lowering and delowering)					
100.1	Motor/Pump<=3 HP	Each	11	₹1,858.00	₹20,438.00	NDSR 69
100.2	3 HP<Motor/Pump<=5 HP	Each	10	₹2,726.00	₹27,260.00	NDSR 70
	Total Part B (in Rs)				₹16,25,442.00	
	Total Part A (in Rs.) incl. GST				₹36,59,848.00	
	Total Part B (in Rs.) incl. GST				₹16,25,442.00	
	Total Amount (in Rs.) incl GST (Part A+ Part B)				₹52,85,290.00	

Correction: Nil, Deletion: Nil, Insertions: Nil, Overwriting: Nil

SPECIAL INSTRUCTIONS FOR PRICE BID

PART – A (BOQ-1)

- 1. The quoted rates shall be firm and the bidder has to quote % chares for labour component in percentage only (At par or Excess).**
- 2. As per Office Memorandum No. F.6/1/2023-PPD of Ministry of Finance, Department of Expenditure dated 6th January 2023, minimum service charge for labour component has been fixed as 3.85%. The bidder are requested read the OM and advised to quote their rates accordingly.**
- 3. Any firm quoting “Negative” charges/ consideration as service charges in labour component (Part A/BoQ1) will be treated as unresponsive and will be summarily rejected.**

PART –B (BOQ -2)

- 1. The quoted rates shall be firm and the bidder has to quote for works in percentage only (At par or Below or Above).**
- 2. L1 will be decided on composite basis i.e. on basis of total of Part-A (BoQ1) + Part-B (BoQ2). Bids submitted without quoting in any of Part-A (BoQ1) and/or Part-B (BoQ2) will be treated as unresponsive and will be summarily rejected.**
3. The firm, who will fail to comply any of the above said condition, their bid will summarily be rejected.
4. I/We have gone through the terms & conditions as stipulated in the tender and confirm to accept and abide the same.

Seal and Sign of Bidder