



**GOVERNMENT OF INDIA
CENTRAL PUBLIC WORKS DEPARTMENT**

TENDER DOCUMENT

FOR

Name of Work: “Augmentation of 200 KVA substation after replacement of old substation equipment including accessories at RRSL, Dhakhingaon, Kahilipara, Guwahati”.

Issued by

**GUWAHATI ELECTRICAL DIVISION
CENTRAL PUBLIC WORKS DEPARTMENT**

Notice Board Guwahati Electrical Division

CENTRAL PUBLIC WORKS DEPARTMENT **NOTICE INVITING e-TENDER**

The Executive Engineer (Electrical), Guwahati Electrical Division, CPWD, Bamunimaidan, Guwahati-21 (Tele No. 0361-2550315 Fax No. 2550315), E-mail: cpwdged1@ gmail. com/ee.cpwdged1-ghy@gov.in invites on behalf of the President of India online Percentage rate tender in single bid system From Eligible Contractors of CPWD Enlisted In appropriate class in B & R category for the following work(s):

1. NIT No. : 53/NIT/EE(E)/GED/2026-27/Recall
2. Name of work: **“Augmentation of 200 KVA substation after replacement of old substation equipment including accessories at RRS�, Dhakhingaon, Kahilipara, Guwahati”.**
3. Estimated Cost: Rs. 49,56,228.00
4. Earnest Money: Rs. 99,125.00
5. Period of completion: 03 (Three) Months,
6. Last time and date of submission of bid: Up to **3:00PM on 06/08/2026**,
7. Opening of bid: Up to **3:30PM on 06/08/2026**.

Tender form and other details can be obtained from the website <https://etender.cpwd.gov.in> or or www.cpwd.gov.in or www.eprocure.gov.in

NOT TO BE PUBLISHED

**GOVERNMENT OF INDIA
CENTRAL PUBLIC WORKS DEPARTMENT**

TENDER DOCUMENT

Name of Work	:	“Augmentation of 200 KVA substation after replacement of old substation equipment including accessories at RRSL, Dhakhingaon, Kahilipara, Guwahati”.
Estimated Cost	:	Rs. 49,56,228.00
Earnest Money	:	Rs. 99,125.00
Performance Guarantee	:	(a) PG: 5% of tendered value or Estimated Cost Put To Tender (ECPT) (whichever is heigher). (b) APG: 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. (c) Performance Guarantee shall remain valid for a minimum period of six months beyond the date of completion of all contractual obligations as per GCC. The Additional Performance Guarantee (APG) shall be in the prescribed format of Performance Guarantee and has to be submitted within the time frame prescribed for submission of Performance Guarantee. The other terms and conditions of release etc. of APG shall be same as that of PG.
Security Deposit	:	@2.5% of Tendered value
Completion Period	:	03 (Three) Months
NIT No.	:	53/NIT/EE(E)/GED/2026-27/Recall
Last date for Submission of Bid Document	:	Upto 3:00 pm on 06/08/2026

Name of Work: “Augmentation of 200 KVA substation after replacement of old substation equipement including accessories at RRSL, Dhakhingaon, Kahilipara, Guwahati”.

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Certified that this N.I.T. contains 1 to 104 pages only in chronological order.

Sr. Draughtsman (E)
Guwahati Electrical Division
CPWD, Bamunimaidan, Guwahati-21

Assistant Engineer(E)P
Guwahati Electrical Division
CPWD, Bamunimaidan, Guwahati-21

N.I.T. amounting to Rs. 49,56,228.00 only approved

Executive Engineer(E)
Guwahati Electrical Division
CPWD, Bamunimaidan, Guwahati-21

**INFORMATION AND INSTRUCTIONS FOR CONTRACTORS FOR e-TENDERING
FORMING PART OF NIT AND TO BE POSTED ON WEBSITE**

The Executive Engineer (E), Guwahati Electrical Division, CPWD, Guwahati – 781021, on behalf of President of India, invites online percentage rate bids from approved and enlisted eligible contractors in CPWD in appropriate class of B & R Category in **single bid system** for the following work:

S. No.	Details	
1.	NIT No.	53/NIT/EE(E)/GED/2026-27/Recall
2.	Name of Work and Location	“Augmentation of 200 KVA substation after replacement of old substation equipment including accessories at RRSL, Dhakhingaon, Kahilipara, Guwahati”.
3.	Estimated Cost put to bid	Rs. 49,56,228.00
4.	Earnest Money	Rs. 99,125.00
5.	Period of Completion	03 (Three) Months
6.	Last date & time of submission of bids	06/08/2026 upto 3:00 PM
7.	Time & date of bids	06/08/2026 upto 3:30 PM

1. The intending bidder must read the terms and conditions of CPWD-6 carefully. He should only submit his bid if he consider himself eligible and he is in possession of all the documents required.
2. Information and Instructions for bidders posted on website shall form part of bid document.
3. The bid document consisting of plans, specifications, the schedule of quantities of various types of items to be executed and the set of terms and conditions of the contract to be complied with and other necessary documents can be seen and downloaded from website <https://etender.cpwd.gov.in> or www.cpwd.gov.in free of cost.
4. But the bid can only be submitted after deposition of original EMD either in the office of Executive Engineer inviting bids or division office of any Executive Engineer, CPWD within the period of bid submission and uploading the mandatory scanned documents such as Insurance Surety Bonds, Account Payee Demand draft or Banker's Cheque or Fixed Deposit Receipts or/ and Bank Guarantee including e-Bank Guarantee (for balance amount as prescribed) from any of the Commercial Bank towards EMD in favour of Executive Engineer as mentioned in NIT, receipt for deposition of original EMD to division office of any Executive Engineer (including NIT issuing EE/ AE), CPWD and other documents as specified.

OR

~~But the bid can only be submitted after deposition of EMD through Online Payment mode and original Bank Guarantee including e Bank Guarantee (for balance amount as prescribed) either in the office of Executive Engineer inviting bids or division office of any Executive Engineer, CPWD within the period of bid submission and uploading the mandatory scanned~~

~~documents and Bank Guarantee (for balance amount as prescribed) from any of the Commercial Bank towards EMD in favour of Executive Engineer as mentioned in NIT, receipt for deposition of original Bank Guarantee and other documents as specified.~~

5. Those contractors who are not registered or have not updated their profile on the website mentioned above, are required to get registered / update their profile beforehand. The necessary training materials including the videos with step to step process are available on download section of <https://etender.cpwd.gov.in>
6. The intending bidder must have valid Class-III digital signature certificate with encryption key (combo type) to perform any operations / transactions on the e-tendering portal / website and the bidder should download and install the eMsigner on their system as per instructions available on download section of <https://etender.cpwd.gov.in>.
7. On opening date, the contractor can login and see the bid opening process. After opening of bids he will receive the competitor bid sheets.
8. Contractor can upload documents in the form of JPG format and PDF format.
9. Contractor must ensure to quote rate in the column (s) meant for quoting rate in figures appears in pink colour and the moment rate is entered, it turns sky blue.

In addition to this, while selecting any of the cells a warning appears that if any cell is left blank the same shall be treated as “0”. Therefore, if any cell is left blank and no rate is quoted by the bidder, rate of such item shall be treated as “0” (ZERO).

However, If a tenderer quotes nil rates against each item in item rate tender or does not quote any percentage above/below on the total amount of the tender or any section / sub head in percentage rate tender, the tender shall be treated as invalid and will not be considered as lowest tenderer.

List of Documents to be scanned and uploaded within the period of bid submission:

- (i) Insurance Surety Bond, Demand Draft/ Account Payee Banker's Cheque / FDR/ Bank Guarantee of any commercial Bank against EMD.

OR

~~Scanned copy of original Bank Guarantee including e Bank Guarantee of any commercial Bank against EMD.~~

- (ii) Scan copy of Receipt of Deposition of Original EMD.
(iii) Enlistment Order of the Contractor.
~~(iv) EPFO, ESIC Certificate.~~
(v) Valid electrical contractor license/ undertaking by CPWD enlisted B&R category appropriate class contractor that they will either obtain valid electrical license at the time of execution of electrical work or associate contractors having valid electrical license of eligible class.
(vi) 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 under taking along with bid documents.

"If work is awarded to me, I/we shall obtain GST registration certificate, as applicable, within one month from the date of receipt of award letter or before release of any payment by CPWD, whichever is earlier, failing which I/we shall be responsible for any delay in payments which will be due towards me/us on account of the work executed and/or for any action taken by CPWD or GST department in this regard".

- (vii) The agency must upload the ERP training Certificate regarding successful completion of ERP training from ERP portal.

Executive Engineer (E)

CPWD-6 FOR e-Tendering

Percentage rate bid is invited on behalf of President of India from approved and enlisted eligible contractors in CPWD in appropriate class of (B & R) Category in **single bid** system for the work of **“Augmentation of 200 KVA substation after replacement of old substation equipment including accessories at RRSL, Dhakhingaon, Kahilipara, Guwahati”**.

The enlistment of the contractors should be valid on the last date of submission of bids.

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

- 1.1 The work is estimated to cost **Rs. 49,56,228.00**. This estimate, however, is given merely as a rough guide.
- 1.1.1 The authority competent to approve NIT for the combined cost and belonging to the major discipline will consolidate NITs for calling the bids. He will also nominate Division which will deal with all matters relating to the invitation of bids. For composite bid, besides indicating the combined estimated cost put to bid, should clearly indicate the estimated cost of each component separately. The eligibility of bidders will correspond to the combined estimated cost of different components put to bid.
- 1.2 Intending bidders is eligible to submit the bid provided he has definite proof from the appropriate authority, which shall be to the satisfaction of the competent authority, of having satisfactorily completed similar works of magnitude specified below:-

Criteria of eligibility for submission of bid documents

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

~~For works estimated cost upto tendering limit of class I building & Roads (erstwhile Composite/Building/Infrastructure) category Contractor (However, for Horticulture category, it may be mentioned as per bidding limit of CPWD class I contractors of Horticulture category).~~

- ~~i) Three similar works each of value not less than Rs. or two similar work each of value not less than Rs. or one similar work of value not less than Rs. (all figures rounded to nearest Convenient figure) during the last 7 years ending last date of month previous to the one in which tenders are invited.~~
- ~~ii) For EPC tender under Mode-I/II only (Applicable for CPWD enlisted contractors of appropriate class also).~~

~~One completed work costing not less than Rs. executed with the structural system technology as proposed by bidder in the letter of transmittal during the last 7 years ending last day of the month previous to the one in which tenders are invited. This work can be part of eligible work at 1.2.1 (i) above or as a separate work.~~

Note:-

~~For works costing above tendering limit of class II Buildings & Roads (erstwhile Composite/ Building/ infrastructure) category contractors but upto tendering limit of Class-I Buildings & Roads (erstwhile Composite/ Building/ infrastructure) category Contractor (However, for Horticulture category, it may be modified as per bidding limit of CPWD~~

~~class II and CPWD Class I contractors respectively of Horticulture Category) when bids are open to non CPWD contractors also, then class II contractors of CPWD registered shall also be eligible if they satisfy the eligibility criteria specified in 1.2.1 above.~~

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

~~For works estimated to cost above the tendering limit of class I (Super) Buildings & Roads (erstwhile Composite/ Building/ infrastructure) category Contractor (However for Horticulture category, it may be modified as per bidding limit of CPWD class I contractors of Horticulture Category).~~

- ~~i) Three similar works each of value not less than Rs..... or two similar works each of value not less than Rs.....or one similar work of value not less than Rs.....(all figures rounded to nearest convenient figure) during the last 7 years ending last day of the month previous to the one in which tenders are invited.~~
- ~~ii) For EPC tender under Mode I/II/III and for all construction work only (Applicable for CPWD enlisted contractors and non CPWD)-~~

~~One completed work costing not less than Rsexecuted with the structural system technology as proposed by bidder in letter of transmittal during the last 7 years ending last day of the month previous to the one in which tenders are invited. This work can be part of eligible work at 1.2.2 (i) above or as a separate work.~~

~~Or~~

~~The bidder can associate with contractor having requisite work experience of the opted technology as per CPWD SOP. Bidder has to submit MoU with such associated contractor along with his tender.~~

~~However, the associated contractor must satisfy the eligibility criteria of having successfully completed one work of costing not less than 80% of the estimated cost put to tender with opted technology during the last seven years ending last day of month previous to the one in which tender is invited.~~

~~The value of executed works shall be brought to current costing level by enhancing the actual value of work at simple rate of 7% per annum, calculated from the date of completion to the last date of submission of bid. This is applicable for 1.2.1 as well as 1.2.2 (Para 1.2.1(i) and Para 1.2.2(i) are not applicable for CPWD enlisted contractors of appropriate class. Para 1.2.1(ii) and Para 1.2.2(ii) are also applicable for CPWD enlisted contractors of appropriate class).~~

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

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

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

certificate(s) and the affidavit as per the provisions of clause 1.2.2.

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

2. Agreement shall be drawn with the successful bidders on prescribed Form No. CPWD 7/8 which is available as a Govt. of India Publication and also available on website **www.cpwd.gov.in**. Bidders shall quote his rates as per various terms and conditions of the said form which will form part of the agreement.
3. The time allowed for carrying out the work will be **03 (Three) Months** from the date of start as defined in schedule 'F' or from the first date of handing over of the site, whichever is later, in accordance with the phasing, if any, indicated in the bid documents.
4. The site for the work is available.

Or

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

- ~~(i) The architectural and structural drawing for the work is available.~~

Or

~~The architectural and structural drawings shall be made available in phased manner, as per requirement of the same as per approved programme of completion submitted by the contractor after award of work.~~

5. The bid document consisting of plans, specifications, the schedule of quantities of various types of items to be executed and the set of terms and conditions of the contract to be complied with and other necessary documents except Standard General Conditions of Contract Form can be seen on website **<https://etender.cpwd.gov.in> or www.cpwd.gov.in** free of cost.
6. After submission of the bid the contractor can re-submit revised bid any number of times but before last time and date of submission of bid as notified.
7. While submitting the revised bid, contractor can revise the rate of one or more item(s) any number of times (he need not re-enter rate of all the items) but before last time and date of submission of bid as notified.
8. ~~When bids are invited in three stage system and if it is desired to submit revised financial bid then it shall be mandatory to submit revised financial bid. If not submitted then the bid submitted earlier shall become invalid.~~
9. ~~Earnest Money will be paid online through CPWD e Tendering platform within the period of bid submission.~~

OR

Earnest Money in the form of Insurance Surety Bonds, Account Payee Demand Draft, Fixed Deposit Receipt, Banker's Cheque or Bank Guarantee (for balance amount as prescribed) from any of the Commercial Banks (drawn in favour of **Executive Engineer (E), Guwahati Electrical Division, CPWD, Guwahati** shall be scanned and uploaded on the e-Tendering website within the period of bid submission. The original EMD should be deposited either in the office of Executive Engineer inviting bids or division office of any Executive Engineer, CPWD within the period of bid submission. The EMD receiving

Executive Engineer (including NIT issuing EE/AE) shall issue a receipt of deposition of earnest money deposit to the bidder in a prescribed format (enclosed) uploaded by tender inviting EE in the NIT.

A part of earnest money is acceptable in the form of bank guarantee also. In such case, minimum 50% of earnest money or Rs. 20 lac, whichever is less, shall have to be deposited in shape prescribed above, and balance may be deposited in shape of Bank Guarantee of any Commercial bank having validity for a period of 90 days for single bid works and 180 days for two bid system or more from the last date of receipt of bids which is to be scanned and uploaded by the intending bidders.

OR

The earnest money given by all the tenderers except the lowest tenderer shall be refunded immediately after the expiry of stipulated bid validity period or immediately after acceptance of the successful bidder, whichever is earlier. However, in case of two/ three bid system, earnest money deposit of bidders unsuccessful during technical bid evaluation etc. should be returned within 30 days of declaration of result of technical bid evaluation.

Copy of Enlistment Order and certificate of work experience and other documents as specified in the notice inviting e- tender shall be scanned and uploaded on the e-Tendering website within the period of bid submission. However, certified copy of all the scanned and uploaded documents as specified in e- tender notice shall have to be submitted by the lowest bidder within a week physically in the office of tender opening authority. Online bid documents submitted by intending bidders shall be opened only of those bidders, whose original EMD deposited with any division of CPWD and other documents scanned and uploaded are found in order.

The Bid submitted shall be opened at 3:30 PM on 06/08/2026.

10. The bid submitted shall become invalid and e-Tender processing fee shall not be refunded if:
 - (i) The bidder is found ineligible.
 - (ii) The bidder does not upload scanned copies of all the documents stipulated in the bid document.
 - (iii) If any discrepancy is noticed between the documents as uploaded at the time of submission of bid and hard copies as submitted physically by the lowest bidder in the office of bid opening authority.
 - (iv) If a tenderer quotes nil rates against each item in item rate tender or does not quote any percentage above/below on the total amount of the tender or any section / sub head in percentage rate tender, the tender shall be treated as invalid and will not be considered as lowest tenderer.
11. The contractor whose bid is accepted will be required to furnish performance guarantee at specified percentage of the tendered amount as mentioned in schedule E and within the period specified in Schedule F. This guarantee shall be in the form of Insurance Surety Bonds, Account Payee Demand Draft, Fixed Deposit Receipt or Bank Guarantee from any of the Commercial Banks in accordance with the prescribed form.. In case the contractor fails to deposit the said performance guarantee within the period as indicated in Schedule 'F', including the extended period if any, the Earnest Money deposited by the contractor shall be forfeited automatically without any notice to the contractor. The earnest money deposited along with bid shall be returned after receiving the aforesaid performance guarantee. The contractor whose bid is accepted will also be required to furnish either copy of applicable

licenses/ registrations or proof of applying for obtaining labour licenses, registration with EPFO, ESIC and BOCW Welfare Board including Provident Fund Code No. If applicable and also ensure the compliance of aforesaid provisions by the subcontractors, if any engaged by the contractor for the said work within the period specified in Schedule F.

12. **The description of the work is as follows:**

“Augmentation of 200 KVA substation after replacement of old substation equipment including accessories at RRSL, Dhakhingaon, Kahilipara, Guwahati”.

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

13. The competent authority on behalf of the President of India does not bind itself to accept the lowest or any other bid and reserves to itself the authority to reject any or all the bids received without the assignment of any reason. All bids in which any of the prescribed condition is not fulfilled or any condition including that of conditional rebate is put forth by the bidders shall be summarily rejected.
14. Canvassing whether directly or indirectly, in connection with bidders is strictly prohibited and the bids submitted by the contractors who resort to canvassing will be liable for rejection.
15. The competent authority on behalf of President of India reserves to himself the right of accepting the whole or any part of the bid and the bidders shall be bound to perform the same at the rate quoted.
16. The contractor shall not be permitted to bid for works in the CPWD Circle (Division in case of contractors of Horticulture/Nursery category) responsible for award and execution of contracts, in which his near relative is posted a Divisional Accountant or as an officer in any capacity between the grades of Superintending Engineer and Junior Engineer (both inclusive). He shall also intimate the names of persons who are working with him in any capacity or are subsequently employed by him and who are near relatives to any gazette officer in the Central Public Works Department or in the Ministry of Urban Development. Any breach of this condition by the contractor would render him liable to be removed from the approved list of contractors of this Department.

17. No Engineer of Gazetted Rank or other Gazetted Officer employed in Engineering or Administrative duties in an Engineering Department of the Government of India is allowed to work as a contractor for a period of one year after his retirement from Government service, without the prior permission of the Government of India in writing. This contract is liable to be cancelled if either the contractor or any of his employees is found any time to be such a person who had not obtained the permission of the Government of India as aforesaid before submission of the bid or engagement in the contractor's service.
18. The bids for the work shall remain open for acceptance for a period of **30 (Thirty) Days** from the date of opening of bids in case of single bid system ~~and 75 (seventy five) days from the date of opening of technical bids in case bids are invited in 2 or 3 bid system.~~
Further
- i) If any tenderer withdraws his tender or makes any modification in the terms & conditions of the tender which is not acceptable to the department within 7 days after last date of submission of bids, then the Government shall without prejudice to any other right or remedy, be at liberty to forfeit 50% of the earnest money absolutely irrespective of letter of acceptance for the work is issued or not.
 - ii) If any tenderer withdraws his tender or makes any modification in the terms & conditions of the tender which is not acceptable to the department after expiry of 7 days after last date of submission of bids, then the Government shall without prejudice to any other right or remedy, be at liberty to forfeit 100% of the earnest money absolutely irrespective of letter of acceptance for the work is issued or not.
 - iii) In case of forfeiture of earnest money as prescribed in para (i) and (ii) above, the bidders shall not be allowed to participate in the rebidding process of the same work.
19. This notice inviting Bid shall form a part of the contract document. The successful bidders/contractor, on acceptance of his bid by the Accepting Authority shall within 15 days from the stipulated date of start of the work, sign the contract consisting of:-
- (a) The Notice Inviting Bid, all the documents including additional conditions, specifications and drawings, if any, forming part of the bid as uploaded at the time of invitation of bid and the rates quoted online at the time of submission of bid and acceptance thereof together with any correspondence leading thereto.
 - (b) Standard C.P.W.D. Form 7/8 or other Standard C.P.W.D. Form as applicable.

~~20 — For Composite Bids~~

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

~~20.1.2 The bid document will include following three components:~~

~~Part A: CPWD 6, CPWD 7/8 including schedule A to F for the major component of the work, Standard General Conditions of Contract for CPWD 2014 as amended / modified up to date.~~

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

~~Part C: Schedule A to F for minor component of the work. (SE/EE in charge of~~

~~major component shall also be competent authority under clause 2 and clause 5 as mentioned in schedule A to F for major components), General/specific conditions, specifications and schedule of quantities applicable to minor component(s) of the work.~~

~~20.1.3 The bidders must associate himself, with agencies as per NIT conditions.~~

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

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

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

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

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

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

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

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

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

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

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

21. ~~Integrity Pact: The contractor shall download the Integrity Pact, which is a part of tender documents, affix his signature in the presence of a witness, and upload the same while submitting online bids for all works of estimated cost put to tender equal or more than the threshold value given in Schedule F. In the event of his failure to sign and upload the Integrity Pact along with other bid documents, his bid shall be rejected.~~
22. The intending bidders are required to update their profile in CPWD e- tender portal and to upload their bids well in advance of last date of submission of tender. Any issue related to updating profile/uploading tender can be resolved through the concerned Executive Engineer/ Assistant Engineer (Phone No., e-mail id cpwdged1@gmail.com) or ERP helpline no. 18001803286 or e-mail id cpwd.support@techmahindra.com. The e-tendering bidders are also advised not to wait to raise any issues till the last date of submission of bid in their own interest.
23. **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:-
- 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).
 - 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.

The price preference upto 5% (with reference to the lowest valid price bid) may be allowed in favour of individual SC/ST contractor only. The above concession shall be allowed only after verification of the individual contractor's claim of belonging to SC/ST community.

Executive Engineer (E)

ANNEXURE “A’

RECEIPT OF DEPOSITION OF ORIGINAL EMD

(To be filled by the contractor / Firm at the time of Bid submission)

Receipt of deposition of Original EMD
(Receipt No...../ Date.....)
Name of work “ Augmentation of 200 KVA substation after replacement of old substation equipment including accessories at RRSL, Dhakhingaon, Kahilipara, Guwahati ”.
1) NIT No. 53/NIT/EE(E)/GED/2026-27/Recall
2) Estimated Cost : Rs. 49,56,228.00
3) Amount of Earnest Money Deposit : Rs. 99,125.00
4) Last date of submission of bid : 06/08/2026 up to 3:00 PM
(To be filled by Tender inviting authority /NIT approving authority at the time of issue of NIT and uploaded along with NIT
1) Name of the Contractor :
2) Form of EMD :
3) Amount of Earnest Money Deposit :
4) Date of submission of EMD :

Signature, Name and Designation of EMD

Receiving officer (EE/AE(P)/AAO)

Along with office stamp

- The Executive Engineer receiving EMD in original form shall examine the EMD deposited by the bidder and shall issue a receipt of deposition of earnest money to the agency in a given format uploaded by tender inviting EE. The receipt can also be issued by AAO.
- The Executive Engineer receiving original EMD shall also intimate tender inviting Executive Engineer about deposition of EMD by the agency by email/fax/telephonically.
- The original EMD receiving Executive Engineer shall release the EMD after verification from the e-tendering portal website etender.cpwd.gov.in that the particular contractor is not L-1 tenderer and work is awarded.
- The tender inviting Executive Engineer will call for original EMD of the L-1 tenderer from EMD receiving Executive Engineer immediately.

GOVERNMENT OF INDIA
CENTRAL PUBLIC WORKS DEPARTMENT

STATE	Assam		
BRANCH	E & M	DIVISION	GED
ZONE	Guwahati	SUB-DIVISION	GESD-I

Percentage Rate Tender

(A) Tender for the work of: **“Augmentation of 200 KVA substation after replacement of old substation equipment including accessories at RRSI, Dhakhingaon, Kahilipara, Guwahati”.**

- (i) To be uploaded on **29/07/2026** at **<https://etender.cpwd.gov.in>**.
- (ii) To be opened in presence of tenderers who may be present at **15:30 hours on 06/08/2026** in the office of The Executive Engineer (E), **Guwahati Electrical Division, Guwahati**

Executive Engineer (E)
Guwahati Electrical Division
CPWD, Guwahati

TENDER

I/We have read and examined the notice inviting tender, schedule, A, B, C, D, E & F Specifications applicable, Drawings & Designs, General Rules and Directions, Conditions of Contract, clauses of contract, Special conditions, Schedule of Rate & other documents and Rules referred to in the conditions of contract and all other contents in the tender document for the work.

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

I/We agree to keep the tender open for **30 (Thirty) Days** from the due date of its opening in case of single bid system ~~from the date of opening of technical bid in case tenders are invited on 2 /3 bid/ system for specialised work and not to~~ make any modification in its terms and conditions

I/We have deposited EMD for the prescribed amount in the office of concerned Executive Engineer as per the bid document.

A copy of earnest money deposit receipt of prescribed amount deposited in the form of Insurance Surety Bonds, Account Payee Demand Draft, Fixed Deposit Receipt, Banker's Cheque or Bank Guarantee (as prescribed) issued by a Commercial Bank, is scanned and uploaded (strike out as the case may be). If I/We, fail to furnish the prescribed performance guarantee within prescribed period, I/We agree that the said President of India or his successors, in office shall

without prejudice to any other right or remedy, be at liberty to forfeit the said earnest money absolutely. Further, if I/We fail to commence work as specified,

I/ We agree that President of India or the successors in office shall without prejudice to any other right or remedy available in law, be at liberty to forfeit the said performance guarantee absolutely. The said Performance Guarantee shall be a guarantee to execute all the works referred to in the tender documents upon the terms and conditions contained or referred to those in excess of that limit at the rates to be determined in accordance with the provision contained in Clause 12.2 and 12.3 of the tender form.

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

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

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

Dated
Witness:-----
Address:-----
Occupation:-----

Signature of the Contractor
Postal Address -----
Telephone No.-----
FAX -----
E-MAIL -----

ACCEPTANCE

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

(Rupees

)

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

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

Date.....

For & on behalf of the President of India
Signature.....
Designation.....

PERFORMA OF SCHEDULES

SCHEDULE 'A'

Schedule of quantities (as per PWD-3)	:	Attached.
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SCHEDULE 'D'

Extra schedule for specific requirements / documents for the work, if any	:	General Conditions, Additional Specifications
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SCHEDULE 'E'

Reference to General Condition of contract	:	General Conditions of Contract 2023 (Construction work) CPWD – 7 with upto date corrections slip issued till last date of submission of bid.
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Name of work	:	“Augmentation of 200 KVA substation after replacement of old substation equipment including accessories at RRSL, Dhakhingaon, Kahilipara, Guwahati”.
Estimated cost of work	:	Rs. 49,56,228.00
1) Earnest money	:	Rs. 99,125.00
2) Performance Guarantee	:	(a) PG: 5% of tendered value or Estimated Cost Put To Tender (ECPT) (whichever is heigher). (b) APG: 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. (c) Performance Guarantee shall remain valid for a minimum period of six months beyond the date of completion of all

		contractual obligations as per GCC. The Additional Performance Guarantee (APG) shall be in the prescribed format of Performance Guarantee and has to be submitted within the time frame prescribed for submission of Performance Guarantee. The other terms and conditions of release etc. of APG shall be same as that of PG.
3) Security Deposit	:	2.5 % of tendered value.

SCHEDULE 'F'

GENERAL RULES & DIRECTIONS:

Officer Inviting Tender	:	Executive Engineer (E), Guwahati Electrical Division, CPWD, Guwahati-21 or successor thereof.
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 under clause 12 of Schedule 'F'

Definitions:

2(vi)	Engineer-in-Charge	:	Executive Engineer (E), Guwahati Electrical Division, CPWD, Guwahati-21 or successor thereof.
2(viii)	Accepting Authority	:	Executive Engineer (E), Guwahati Electrical Division, CPWD, Guwahati-21 or successor thereof.
2(x)	Percentage on cost of materials and labour to cover all overheads and profits.	:	15%
2(xi)	Standard Schedule of Rates	:	DSR-2022 & Market Rate
2(xii)	Department	:	Central Public Works Department
9(ii)	Standard CPWD contract Form GCC 2023(Construction work), C.P.W.D Form 7 as modified and corrected up to last date of submission of bid.	:	Form 7

Clause 1

(i)	Time allowed for submission of Performance Guarantee Programme Chart (Time and Progress) and applicable Labour Licenses, registration with EPFO, ESIC and BOCW Welfare Board or proof of applying thereof from the date of issue letter of acceptance.	:	7(Seven) Days
(ii)	Maximum allowable extension with late fee @ 0.10% Per day of Performance Guarantee amount beyond the period provided in (i) above	:	7 (Seven)Days

Clause 2

Authority for fixing compensation under clause 2	:	Chief Engineer, Guwahati CPWD, Guwahati- 781035 or successor thereof.
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Clause 5

Number of days from the date of issue of letter of acceptance of work for reckoning date of start	:	14 Days
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Mile stone(s) as per table given below:-

Mile Stone Break up			
Sl. No.	Description of Milestone (Physical)	Time Allowed (from date of start)	Amount to be withheld in case of non achievement of milestone (% of tender)
1.	Financial Progress of work 25%	1.0 months	1.50%
2.	Financial Progress of work 50%	2.0 months	1.50 %
4	Financial Progress of work 100%	3.0 months	2.00 %

Time allowed for execution of work	:	03 (Three) Months.
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Authority to decide:

(i)	Extension of time under clause 5	:	Executive Engineer (E), Guwahati Electrical Division, CPWD, Guwahati-21 or successor thereof.
(ii)	Rescheduling of mile stones	:	Chief Engineer, Guwahati CPWD, Guwahati-781035 or successor thereof.
(iii)	Shifting of date of start in case of delay in handing over of site.	:	Chief Engineer, Guwahati, CPWD, Guwahati-35 or successor thereof.

Performa of schedule clause 5 schedule of handing over of site.

Part	Portion of site	Description	Time period for handing over reckoned from date of issue of letter of intent
Part A	Portion without any hindrance	Full	As per CPWD
Part B	Portion with encumbrances	Nil	NA
Part C	Portions dependent on work of other agencies	NA	NA

Clause 6

Mode of Measurement Book (CMB) / Electronic Measurement Book (EMB)	:	CMB (Computerized Measurement Book)
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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 for interim payment.	:	40% of ECPT
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Clause 7A

Whether applicable or not applicable	:	Yes Applicable
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Clause 8A

Authority to decide compensation on account If contractor fails to submit completion plans	:	Executive Engineer (E), Guwahati Electrical Division, CPWD, Guwahati-21 or successor thereof.
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Clause 10A

List of testing equipment to be provided by the contractor at site lab	:	All equipments required for commissioning
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Clause 10-B (ii)

Whether clause 10-B (ii) shall be applicable	:	Not Applicable
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Clause 10 C : Not Applicable

Component of labour expressed as percentage of value of work	:	15%
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Clause 10 CC	:	Not Applicable
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A. For Construction Period :

S. No.	Relevant component of Material / Labour for price escalation	Percentage of total value of work
1	Cement component	15%
2	Labour component	25%

3	Civil component of other Construction Materials	30%
4	E&M (Electrical and Mechanical) component of Construction Materials	10%
5	POL (Diesel) component	0%
6	Reinforcement steel bars / TMT bars / structural steels (including strands and cables) component	20%
7	Bitumen component	0%
	Total	100%

For maintenance period

S. No.	Relevant component of Material / Labour for price escalation	Percentage of total value of work
1	Labour component	N/A
2	Civil component of other Construction Materials	
3	E&M (Electrical and Mechanical) component of Construction Materials	
4	Bitumen component (For Road Work component)	
	Total	

Authority to issue base price of materials	÷	Chief Engineer, Guwahati or successor thereof.
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Clause 11

Specifications to be followed Fire Fighting for execution of work	:	CPWD Electrical Specifications Internal - 2023, CPWD Electrical Specifications External- 2023, Part IV Sub station equipment – 2013, Part V Wet Riser & Sprinkler Systems – 2020 Additional Specifications attached with this NIT document.
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Clause 12

Nature of work		Construction Work
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Clause 12.2 (c)

Deviation limit beyond which clause 12.2 (c) shall apply for building work.	:	100%
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Clause 12.2 and 12.3

Deviation limit beyond which clause 12.2 & 12.3 shall apply for building work.	:	100%
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Clause 12.4

(i) Deviation limit beyond which clauses 12.2 (c) shall apply for foundation work (except items mentioned in earth works subhead in DSR and related items).	:	100%
(ii) Deviation Limit for items mentioned in earth work subhead of DSR and related items.	:	100%

Clause 12.5

(iii) Deviation limit beyond which clause 12.2 & 12.3 shall apply for foundation work.	:	100%
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Clause 16

Competent Authority for deciding reduced rates	:	Chief Engineer, Guwahati CPWD, Guwahati-35 or successor thereof.
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Clause 18

List of testing equipment to be provided by the contractor at site lab	:	As required for timely execution of work as per direction of Engineer-In-Charge or successor of thereof.
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Clause 19 C	Authority to decide penalty for each default	:	Executive Engineer (E), Guwahati Electrical Division, CPWD, Guwahati-21 or successor thereof.
Clause 19 D	Authority to decide penalty for each default	:	Executive Engineer (E), Guwahati Electrical Division, CPWD, Guwahati-21 or successor thereof.
Clause 19 G	Authority to decide penalty for each default	:	Executive Engineer (E), Guwahati Electrical Division, CPWD, Guwahati-21 or successor thereof.
Clause 19 K	Authority to decide penalty for each default	:	Executive Engineer (E), Guwahati Electrical Division, CPWD, Guwahati-21 or successor thereof.

Clause 25

Conciliator	ADG (Guwahati) or successor thereof.
Arbitrator Appointing Authority	CE, Guwahati or successor thereof.
Place of Arbitration	Guwahati.

Clause 32

Requirement of Technical Representative (s) & recovery Rate

Sl. No	Minimum Qualification of Technical	Number	Minimum Experience (years)	Designation (Principal Technical/ Technical representative)	Rate at which recovery shall be made from the contractor in the event of not fulfilling provision of Clause 32	
					Figures	Words
1	Graduate Engineer or Diploma	1	2 or 5 respectively	Project Manager cum Planning/Quality Engineer	Rs. 15,000/- per month per person	Rs. Fifteen Thousand only per month per person

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

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

(MEMORANDUM OF UNDERSTANDING)

(Separate for each specialized work)

This MOU made at on between the and the terms “Main Agency” shall mean and include its administrators, executors and assignee on ONE PART.

AND

Associate agency having its office atOTHER PART.

WHEREAS, the Main agency has agreed to entrust the work/project relating to(name of work) at hereinafter referred as “Project” to Associate agency on the terms and condition set forth hereinafter and where as Associate agency has agreed to undertake and complete the work/project accordingly.

NOW, IT IS HEREBY AGREED BETWEEN THE PARTIES AS UNDER: -

1. The associated work contractor will execute all works in the wholesome manner as per terms & conditions of the agreement. Any type of internal transaction between the associate contractor and main contractor shall be as per their convenience and mutual understanding without involving the department. Security deposit shall be deducted as per agreement.
2. The work contractor shall be liable for disciplinary action and other legal actions as per agreement if he fails to discharge obligation as per this agreement besides forfeiture of the security deposit.
3. All the machinery and Equipment, tools and tackles required for execution of the E & M works, as per agreement shall be the responsibility of the associate contractor.

SIGNATURE OF

MAIN CONTRACTOR

SIGNATURE OF

ASSOCIATED CONTRACTOR

Date :

Date:

Place:-

Place:-

JURISDICTION OF COURTS

- 1) The Court of the place from where the letter of award of work has been issued shall have the jurisdiction to decide any dispute arising out of or in respect of the contract.

- 2) CPWD does not have funds of its own and it carries out the works of client departments from their funds (deposit, budgetary, authorization). The CPWD is making payments to the contractors after getting budget / authorization / deposit from various Ministries / Client Departments. The payment to the contractor can be done only on availability of funds for that work from client department and in case of delay in getting funds from Ministry / Client Department, CPWD will not be responsible for delay in payment and no any extra compensation on this account shall be granted apart from specified elsewhere in this document. The contractor has to quote his tender accordingly considering this aspect.

FORM OF COMPLETION CERTIFICATE

I/We certify that the installation detailed below has been installed by me/us and tested and that to the best of my/our knowledge and belief it complies with Indian Electricity Rules, 2003, as well as the C.P.W.D. General Specifications of Electrical Works 2023.

Electrical installation at.....

Voltage and system of supply.....

I. Particulars of work:

- a)** (i) Type & description of overhead line.
- (ii) Total length and no. of spans.
- (iii) No. of street lights and its description.

- (b)** (i) Total length of underground cable & its size.

- (ii) No. of joints: End joint:
 Tee joint:
 St. through joint:

II. Earthing

- (i)** Description of earthing electrode.
- (ii)** No. of earth electrodes.
- (iii)** Size of main earth lead.

III. Test results:

(a) Insulation resistance

- (i)** Insulation between the phase conductor and neutral
 - Between Phase R and neutral – Mega ohms
 - Between Phase Y and neutral – Mega ohms
 - Between Phase B and neutral – Megaohms

- (ii)** Insulation resistance between the phase conductors in case of polyphase supply.

- Between Phase R and Phase Y – Mega ohms
- Between Phase Y and Phase B – Mega ohms
- Between Phase B and Phase R – Mega ohms

(b) Earth electrode resistance

Resistance of each earth
Electrode

- (i)** Ohms
- (ii)** Ohms
- (iii)** Ohms
- (iv)** Ohms

(c) Lighting protective system

Resistance of the whole of lightning protective system to earth before any bonding is effected with earth electrode and metal in/on the structure Ohms.

(d) Illumination level at ground.

Signature and name of
the Junior Engineer (E) /AE (E)

Signature and Name of
Contractor

GENERAL TERMS AND CONDITIONS

1. Location

RRSL, Dhakhingaon, Kahilipara, Guwahati.

2. Related Documents

These additional specifications are to be read in conjunction with the specification given in the tender. In case any item/items or part thereof are not covered under these specifications, the same shall be carried out as per relevant part of the CPWD **General Specification for Electrical Works Part-I Internal -2023, Part -II External -2023, Sub station equipment – 2013, ~~Part V Wet Riser & Sprinkler Systems – 2020~~** as **amended upto date**, relevant I.E. rules, BIS/IEC and as per direction of Engineer- in-Charge. These additional specifications are to be read in conjunction with above and in case of variations; specifications given in this additional condition 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. In addition to this if required the instruction of Government of Assam shall be followed for execution of work. Such as DG set, H.T. line, sub-station, Lift etc. In case of discrepancy among the specifications/conditions as mentioned above the precedence given in general condition of contract shall be followed.

3. Terminology

The definition of terms used in these specifications shall be in accordance with relevant IS.

4. Order of Preference:

In case of discrepancy, if any, between the description of items as given in the Schedule of quantities, technical specifications for individual items of work (including additional and commercial conditions) and IS Codes etc., the following order of preference shall be followed:

- (i) Schedule of quantities
- (ii) Additional and Commercial Conditions
- (iii) Technical specifications specified in the tender
- (iv) General Conditions of Contract for CPWD Works
- (v) Drawings
- (vi) CPWD General Specifications
- (vii) Relevant IS or any other International code in case IS code is not available.
- (viii) Relevant IS or any other International code in case IS code is not available.

5. Association of Other Agency(s) for execution of specialized E&M works by the Composite Category contractor:

The Composite Contractor and the associated specialized agencies is to give required affidavit to confirm their association. Tender accepting authority approves the change of Sub-Agency in case it is required during the currency of the contract.

The composite category contractor is also be eligible to carry out himself/herself any or all of these works without associated and specialized agency provided.

(a) He fulfills the prescribed eligibility criteria respectively for these work(s).

OR

(b) He directly procures the equipment of approved make from manufacturer and gets it installed from authorized agency/service provider of the manufacturer or specialized agency as per criteria mentioned in NIT.

(a) For specialized E&M works and other original E&M works wherever required The lowest tenderer to submit after the acceptance of tender, and undertaking from the OEM regarding:

(i) Authorization certificate.

(ii) The OEM will unconditionally support the lowest tenderer technically throughout the execution of contract as well as for Maintenance/ Comprehensive Maintenance Contract for the useful life of the system, and

(iii) OEM will provide all the spares required for healthy functioning of the equipment for at least seven years from the date of supply of equipment.

5.1) “Supply, installation, testing and commissioning of Sub Station equipment” composite contractor/ associate agency to fulfill the following eligibility criteria:

(i) Three similar completed works costing each of value not less than Rs. 12,89,432/- and not less than 160 KVA Transformer.

OR

(ii) Two similar completed works costing each of value not less than Rs. 19,34,148/- and not less than 160 KVA Transformer.

OR

(iv) One similar completed work costing each of value not less than Rs. 25,78,864/- and not less than 160 KVA Transformer.

NOTE:- The similar work should be executed in last 07 Seven year ending previous day of last date of submission of bid. The value of executed works shall be brought to current costing level by enhancing the value of work at simple rate of 7% per annum; calculated from the date of completion to last date of receipt of application for bids. The experience certificates duly attested shall be furnished to engineer-in-charge and only after approval of agency, the firm shall be deployed by main contractor for execution of work.

The contractor has to arrange facilities for inspection of equipment's/ materials including conducting the required tests in the manufacturing unit. However no condition is incorporated in the NIT regarding inspection of equipments/ materials in the manufacturing unit located outside India without prior permission of Ministry of HAUA.

INSPECTION, TESTING AT MANUFACTURERS WORKS of Transformer.

The contractor will be required to furnish such facilities as will be necessary for inspection of the equipment before dispatch at the manufacturer's works and also for witnessing such tests, at the works, if so required by the department. The contractor shall furnish information for this purpose and will also give sufficient notice regarding the dates proposed for such test to Inspection agency.

TEST CERTIFICATE

Copies of all documents for routine, acceptance and type test certificates of the equipment carried out at the manufacturers premise shall be furnished to the department alongwith supply of the equipment.

COMPLETION DRAWING

Three sets of completion drawings comprising the following shall be submitted by the contractor while handing over the installation:

- a) Equipments layout drawing(s) giving complete details of the entire equipments.
- b) Electrical drawings for the entire electrical equipments showing cable sizes, equipment capacities, switch-gear's ratings, control components, control wiring etc.
- c) Schematic diagram of the entire sub-station installation.

FINAL INSPECTION AND TESTING

When the installation is complete, the contractor shall arrange for inspection, testing of the installation and charging of Transformer / sub-station. Test results obtained shall be recorded. The installation shall not be accepted until it complies with the requirement of these Specifications. The Sub Station installation shall be got inspected by the contractor from local licensee and/or CEA and their clearance taken before energizing the Sub Station. All the observations/ deficiencies pointed out by the inspecting authorities shall be complied with by the contractor on priority. The department shall render all help and pay mandatory charges to CEA and local licensee, if any, in this regard.

TRANSFORMER

Tests at Site:

In addition to tests at manufacturer's premises, all relevant pre-commissioning checks and tests conforming to IS code of practice No. 10028 (Part II & III) shall be done before energization. The following tests are to be particularly done before cable jointing or connecting up the bus bar trunking:

- a) Insulation test between HV to earth and HV to MV with 5000 volts Megger.
- b) Insulation test between MV to earth with 500 volts Megger.
- c) Di-electric strength Test on oil.
- d) Buchholtz relay operation by simulation test when fitted.

All test results are to be recorded and reports should be submitted to the department.

Installation and Commissioning

The transformer shall be installed in accordance with IS 10028 (Part II & III)-Code of practice for Installation and maintenance of transformer. Necessary support channels shall be grouted in the flooring.

The transformer shall be moved to its location and shall be correctly positioned. Transformer wheels shall be either locked or provided with wheel stoppers. All parts of the transformers which are supplied loose, such as conservator, radiator banks, Buchholtz relay, dial thermometer, bushing etc. shall be fitted on the transformer. Transformer oil supplied in drums shall be topped up into the transformer after duly testing/filtering upto the correct level required.

Wiring of devices such as Buchholtz relay, dial thermometer etc. shall be carried out as per drawings, Earthing of neutral and body of the transformer shall be done in accordance with section (7) of these specifications.

Drying out of transformer winding will be necessary when the di-electric strength of the oil is lower than the minimum value as per IS10028 or the transformer has not been energized within 6 months of leaving the works or where the radiator assembly is done at site. The transformer shall be dried out by one of the methods specified in IS 10028. Drying out with centrifugal or vacuum type filters will, however, be preferred. The contractor shall carry out the process of drying without interruption and shall maintain a log sheet indicating time, oil temperature and insulation resistance.

After complete drying out of the transformer, oil sample shall be collected by the contractor and shall be tested for di-electric strength as specified in IS 335:1993 with approved test kit.

All devices such as dial type thermometers, Buchholtz relays and main alarm and trip contacts shall be checked for satisfactory operation.

All tests specified in 3.2.14 of these specifications shall be carried out by the contractor in the presence of inspecting officer/consignee free of cost.

Maximum Allowable Power Transformer Losses

Power transformers of the proper ratings and design must be selected to satisfy the minimum acceptable efficiency at 50% and full load rating. In addition, the transformer must be selected such that it minimizes the total of its initial cost in addition to the present value of the cost of its total lost energy while serving its estimated loads during its respective life span.

5.1 Guarantee Substation :

The contractor shall guarantee the entire sub-station installation as per specifications. All equipments shall be guaranteed for one year from the date of acceptance against unsatisfactory performance or break down due to defective design, manufacture and installation. The installation shall be covered by the conditions that whole installation or any

part there of found defective within one year from the date of taking over shall be replaced or repaired by the contractor free of charge as decided by the department. The warranty shall cover the following:-

- a) Quality, strength and performance of materials used.
- b) Safe mechanical and electrical stress on all parts under all specified conditions of operation.
- c) Satisfactory operation during the maintenance period.
Performance figures and other particulars as specified by the tenderer under schedule of guaranteed technical particulars

6. Site Information

- i) The work will be installed at **RRSL, Dhakhingaon, Kahilipara, Guwahati**. The tenderer should, in his own interest, visit the site and familiarize himself with the site conditions before tendering.

ii) General security restrictions are given as under:

- a) No inflammable materials including P.O.L. shall generally be stored at site of work.
- b) The movement of trucks and vehicles will be regulated in accordance with rules and regulations as approved by competent authorities.
- c) The contractor shall inform in advance, the truck registration number, Ownership of the trucks, names and address of the drivers and labours for necessary action by the security agency.
- d) Due to the site conditions, no space for construction of go down and stay of site staff may be allowed.
- e) Names and addresses of labourers/staff along with identity proof and residence address proof etc. working at site shall be furnished in advance for security verification for issue of passes.
- f) The labourers/staff should not be changed too frequently once the verification of the character and antecedents is done.
- g) As and when there will be security requirements, certain additional restrictions can be proposed as per the requirement of the situation.
- h) **IDENTITY CARDS:-** The identity cards will be issued to the workmen employed by the contractor after proper police verification for which Contractor shall submit a list of worker's to be deployed on site of work. The cost of photos would be borne by the contractor. They will be required to carry the identity- cards with them during their working inside the building.
- i) Due to security constraints, all the working personal may not be allowed to carry the mobile phone or any other electronic gadgets. The instruction of security personal in this regard shall be followed religiously.
- j) Therefore in view of the situation explained under above paragraphs the tenderer must visit the site and must get himself acquainted with the proposed site of work, study specifications and conditions carefully before tendering rates. Nothing extra shall be paid on account of compliance of any of these clauses. The hindrance due to security constraints shall be not be accounted towards adjustment of completion time mentioned in the tender document.

7. Conformity with statutory Acts, Rules, Standards and codes

All components shall conform to relevant Indian Standard Specifications, International Standards and shall bear the stamp of the testing laboratory wherever existing and amended to date. All electrical works shall be carried out in accordance with the provisions of Indian Electricity Act, 2003 and Indian Electricity Rules, 1956 amended to date. They shall also conform to CPWD General Specification for C.P.W.D. general Specification Part-I (Internal) 2023, General CPWD specification for Electrical works (External) Part-II – 2023, General CPWD specification for Electrical works Part – IV (Sub Station) – 2013, with up to date correction slips.

8. Safety Codes and Labour Regulations

- i) In respect of all labour employed directly or indirectly on the work for the execution of the Motor pump set/DG set, sub-station & Transformer, public address and integrated management system contractor's part of work, the contractor at his own expense, will arrange for the safety provisions as per the statutory provision, B.I.S. recommendations, factory act, and workman's compensation act. CPWD code and instructions issued from time to time. Failure to provide such safety requirements would make the tenderer liable for penalty. In addition the Engineer-in-charge, shall be at liberty to make arrangements and provide facilities as aforesaid and recover the cost incurred thereon from the contractor.
- ii) The contractor shall provide necessary barriers, signals and other safety measures wherever necessary so as to avoid accident. He shall also indemnify CPWD against claims for compensation arising out of negligence in this respect. Contractor shall be liable, in accordance with the Indian law and Regulations for any accident occurring due to any cause. The department shall not be responsible for any accident occurred or damage incurred or claims arising therefrom during the execution of work. The contractor to cover the risk. No extra payment would be made to the contractor due to the above provisions thereof.

9. Works to be Arranged by the department

- i) Unless otherwise specified in the tender documents, the following works shall be arranged by the Department:
- ii) Space for accommodating all the equipments and components involved in the works. However, arrangement to make it lockable and its watch & ward shall be made by contractor himself.

10. Works to be done by the contractor

Unless otherwise mentioned in the tender documents, the following works shall be done by the contractor and therefore, their cost shall be deemed to be included in their tendered cost- whether specifically indicated in the schedule of work or not: -

- i) Suspenders, brackets and floor/wall supports for suspending/ supporting cable tray etc.
- ii) Painting of all exposed metal surfaces of equipments and components appropriate colour as per relevant part of bid document.
- iii) Making opening in the wall/floors/slabs or modifications in the existing openings wherever provided for cable/cable tray etc. Opening in the slab/retaining walls/brick wall etc. shall be made by means of core cutting machines only.
- iv) All electrical works including cable/wires, earthing etc. beyond power supply made available by the department.

- v) Making good all damages caused to the structure during installation and restoring the same to their original finish.
- vi) Approval from Local Body as may be required as per local bye-laws. (The contractor's responsibility shall be limited to the work executed by him.)

11. Rates

The rate quoted by bidder, shall be firm and inclusive of all taxes, duties and levies and all charges for packing, forwarding insurance, freight and delivery, installation, testing, commissioning etc. at site including temporary constructional storage, risks, overhead charges, general liabilities / obligation etc.

12. Power Supply

The contractor shall make his own arrangements for obtaining electrical service connection if required and make necessary payments directly to the department concerned.

13. Acceptable Makes

The acceptable makes of the various equipments / components / accessories have been indicated in "Acceptable Makes" annexed with this document as "Annexure-III". The bidders shall work out the cost of the offers on this basis.

Successful bidder is to comply with the Public Procurement (Preference of Make in India), Order 2017 dated 15.06.2017, while executing the contract. If any provision made elsewhere in this NIT, which in contravention with the Make in India policy, the latter shall have preference over the former. Engineer-in-charge will have the final authority to take appropriate decision in the matter.

14. Machinery for Erection

All tools and tackles required for unloading/handling of equipments and materials at site, their assembly, erection, testing and commissioning shall be the responsibility of the contractor.

15. Completeness of the Tender, Submission of Programme, Approval of Drawings and commencement of work

i) Completeness of the tender:-

All sundry equipments, fittings, assemblies, accessories, hardware items, foundation blots, supports, termination lugs for electrical connections, cable glands, junction boxes and all other items which are useful and necessary for proper assembly and efficient working of the various equipments and components of the work shall be deemed to have been included in the tender, irrespective of the fact whether such items are specifically mentioned in the tender or not.

ii) Submission of programme:-

Within thirty days from the date of receipt of the letter of award, the successful tenderer shall submit his programme for submission of drawings, supply of equipment, installation, testing, commissioning and handing over of the installation to the Engineer-in-charge. This programme shall be framed keeping in view the building progress and the milestones fixed in Schedule 'F' Clause-5 of CPWD-7 shall be given priority.

iii) Submission of Drawings

The contractor shall submit the drawings for cubical panel board according to site conditions to the Engineer-in-Charge for approval before dispatch of material from the factory.

iv) Commencement of Work

The contractor shall commence work as soon as the drawings submitted by him are approved either in full or in part as the case may be.

16. Dispatch of Materials to Site and their Safe Custody

The contractor shall dispatch material to site in consultation with the Engineer-in-Charge after approval of drawings as mentioned above. The arrangement to make storage of materials etc. and Watch and ward shall be responsibility of the contractor. Program of dispatch of material shall be framed keeping in view of progress of work. Safe custody of all machinery and equipment supplied by the contractor shall be the responsibility of the contractor till final taking over by the department.

17. Extent of Work

The work shall comprises of entire labour including supervision and all material necessary to meet a complete installation and such tests and adjustment and commissioning, as may be required by the department. The term complete installation shall not only mean major items covered by the specification but all incidental sundry components necessary for complete execution and satisfactory performance of installation with all layout charts whether or not those have been mentioned in detail in the tender documents in connection with this contract as this is a turnkey job.

18. Compliance with Regulations and Indian Standards:

18.1 All works shall be carried out in accordance with relevant regulation, both statutory and those specified by the Indian Standards related to the works covered by this specification. In particular, the equipment and installation will comply with the following:

- i. Factories Act.
- ii. Indian Electricity Rules.
- iii. B.I.S. & other standards as applicable.
- iv. Workmen's compensation Act.
- v. Statutory norms prescribed by local bodies like CEA, Power Supply Co., Local Body etc.
- vi. ECBC 2017
- vii. NBC 2016

18.2 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.

18.3 Successful tenderer shall arrange for compliance with statutory provisions of safety regulations and departmental requirements of safety codes in respect of labour employed on the work by the tenderer. Failure to provide such safety requirement would make the tenderer liable for penalty of Rs. 50/- for each default. In addition, the department will be at liberty to make arrangement for the safety requirements at the cost of tenderer and recover the cost thereof from him.

19. Indemnity :

The successful tenderer shall at all times indemnify the department, consequent on this works contract. The successful tenderer shall be liable, in accordance with the Indian Law and Regulations for any accident occurring due to any cause and the contractor shall be responsible for any accident or damage incurred or claims arising there from during the period of erection, construction and putting into operation the equipments and ancillary equipment under the supervision of the successful tenderer in so far as the latter is responsible. The successful tenderer shall also provide all insurance including third party insurance as may be necessary to cover the risk. No extra payment would be made to the successful tenderer on account of the above.

20. Co-ordination with other Agencies

The contractor shall co-ordinate with all other agencies involved in the construction work so that the work of other agencies is not hampered due to delay in his work. The work, which directly affect the progress of work of other agencies, shall be given priority. The contractor shall have to coordinate the agency executing the work for matching the external finishing & MEP services. The contractor shall be responsible for any damages done in the ongoing construction work and shall rectify at his own expenses.

21. Care of the Building

Care shall be taken by the contractor during execution of the work to avoid damage to the building. Care shall also be taken by the contractor to avoid the damage to any of these existing service/service lines, any part of the building etc. If any damage is caused to any of the existing services/service lines, or any part of the building the same shall be repaired / rectified and made functional or restored so its original finish by the contractor immediately at his own expenses failing which the same shall be repaired/ rectified and made functional by department at the risk and cost of the contractor. The decision of the Engineer-in-charge in this regard shall be final & binding. He shall also remove all unwanted and waste materials arising out of the installation from the site of work from time to time.

22. INSPECTION BEFORE DISPATCH

All routine tests shall be conducted before dispatch of equipments. No equipment shall be dispatched from the manufacture's premises without such tests being conducted and test result recorded. These test certificates shall be given along with the supply of equipments. The Engineer In-charge shall, if he so desires inspect and witness the pre-delivery tests. For this purpose, the contractor shall give 15 days' advance notice. Agency shall arrange for inspection by the department. Department shall bear expenses for inspection as far as traveling, boarding and / lodging is concerned. Agency should submit the compliance reports of defects noticed if any, before the dispatch of material. However, waiver if any, for inspection shall be at the discretion of the Engineer-in-Charge without any cost implication but ROUTINE TEST Certificates shall have to be submitted for equipments.

Prior to dispatch, all equipments shall be adequately protected & insured for the whole period of transit, storage and erection against corrosion and incidental damages etc. from the effect of vermin, sunlight, rain, heat and humid climate.

23. INSURANCE

The contractor shall include storage cum erection insurance including third party insurance right from the storage to commissioning of various equipment with beneficiary as Engineer In-charge. All insurance which the contractor is required to enter into under the contract shall be affected with any authorized general insurance company and the contractor shall produce the policies of insurance.

If the contractor fails to effect and keep in force the insurance the department may effect and keep in force any such insurance and pay such premium as may be necessary for that purpose and from time to time and deduct the amount, so paid by the department, from any money due or which may become due to tenderer or recover the same as debit from the contractor's bill.

24. QUALITY OF MATERIAL AND WORKMANSHIP

All materials and equipment supplied by the contractor shall be new. They shall be of such design, size and materials as to satisfactorily function under the rated conditions of operation and to withstand the environmental conditions at site. None of the material/ items/ equipment etc supplied shall be more than six months old from date of supply at site. Copy of GST Gate Pass/ Invoice/ Shipment / Custom Clearance certificate/ details (in case of imported equipment) shall be submitted to prove the date of manufacture & genuineness of the equipment/ machines supplied. All components of the equipments shall have adequate factor of safety. The work of fabrication and assembly shall conform to sound engineering practice and on the basis of "Fail Safe Design". The mechanical parts subject to wear and tear shall be easily replaceable type. The construction of the equipments shall be such as to facilitate easy operation, inspection, maintenance and repairs. All connections and contacts shall be designed to minimize risk of accidental short circuits caused by animals, birds and vermin etc. All identical items and their component parts should be completely, interchangeable including spare parts. Similar parts of all switches, lamp holders, distribution fuse boards, switch gears, ceiling roses, brackets, pendants, fans and all other fittings of the same type shall be interchangeable in each installation.

25. INSPECTION AND TESTING AT SITE

- i. The installation shall be subject to necessary inspection during every stage of erection, by the Engineer In-charge or his authorized representative. The successful tenderer shall provide all facilities and assistance for the purpose.
- ii. The completed installation shall be inspected and tested by the Engineer-in-Charge in the manner as will be laid down by him, in consultation with the contractor.
- iii. All instruments and facilities necessary for the tests shall be provided by the contractor.
- iv. For fabricated equipment, the contractor will first submit dimensional detailed drawings for approval before fabrication is taken up in the factory. Suitable stage inspection at factory also will be made to ensure proper use of materials, workmanship and quality control. Switch boards and LT panels shall be fabricated in a factory/ workshop having modern facilities like quality fabrication, seven tank process, powder/epoxy paint plant, proper testing facilities, manned by qualified technical personnel. The fabricators must have modern facilities of design, fabrication and testing capable of delivering high

quality LT panels and switch boards after testing as per relevant specifications and having proper certification for the tests as applicable.

26. COMPLETENESS OF WORK

The installations shall be completed in all respects and put in to operation even where certain details are not specifically mentioned in these specifications and the same is deemed to be included within the scope of this tender.

27. QUALITY ASSURANCE PLANS

A) Earthing:-

- a) Earthing materials w.r.t. weight and size shall be checked at site.
- b) Termination of earth terminals in earth pits, switch box, DBs and accessories to be ensured. Earth chamber to be constructed and proper marking to be done.
- c) Earth electrode resistance to be tested and recorded.
- d) Earth continuity to be checked.

E&M Services should strictly follow quality Assurance policy & checklist for E&M services published by CPWD in 2013. Final Inspection and testing will be done by the Engineer-in-Charge or his representative.

Note :- All the testing plans should be followed as per Chapter 5 of quality assurance policy for E&M works.

28. Safety Measures

All equipments shall incorporate suitable safety provision to ensure safety of the operating personnel at all times. The initial and final inspection reports shall bring out explicitly the safety provisions incorporated in each equipment.

29. Guarantee

Comprehensively all the goods supplied shall under this contract be new, unused and incorporate all recent improvements in design and materials unless prescribed otherwise in the contract. The supplier further warrants that the goods supplied under this contract shall have no defect arising from design, materials (except when the design adopted and/or the material used are as per the Purchaser's/Consignee's specifications) or workmanship or from any act or omission of the supplier, that may develop under normal use of the supplied goods under the conditions prevailing in India. The warranty shall include all spares, labour and preventive maintenance from the date of completion of the satisfactory installation and acceptance till warranty period. All electrical and mechanical ~~fittings (except LED fittings & High Mast Pole)~~ / fixtures / appliances such as fans, switches, fire fighting equipments and sub-station equipments should be have **1 (one) year** guarantee period. The equipment or component or any part thereof so found defective during the guarantee period shall be repaired or replaced free of cost to the satisfaction of the Engineer in-charge. In case it is felt by the department that undue delay is being caused by the contractor in doing this, the same will be got done by the department at the risk and cost of the contractor. The decision of Engineer-in-charge in this regard shall be final.

- (i) The contractor shall guarantee the complete system to maintain the specified conditions under all conditions of ambient temperature.

- (ii) ~~All equipments shall be guaranteed for a period of 12 months (except the LED fittings for which the guarantee shall be 5 years) from the date of acceptance and taking over of the installation by the department against unsatisfactory performance and/ or breakdown due to defective design, material, manufacture, workmanship or installation. The equipment or component or any part thereof so found defective during the guarantee period shall be repaired or replaced free of cost to the satisfaction of the Engineer in Charge. In case it is felt by the department that undue delay is being caused by the contractor in doing this, the same will be got done by the department at the risk and cost of the contractor. The decision of Engineer in Charge in this regard shall be final. LED fittings i/c driver as a whole shall be guaranteed for 5 years.~~
- (iii) ~~The guaranty for LED fittings is to be got submitted from the manufacturer also in addition to the guarantee from the contractor in form of tripartite agreement among CPWD, manufacturer and contractor. The manufacturer should give undertaking that in case of discontinuation of model and non availability of spares, they will replace the fittings with equivalent/ high end model in case of manufacturing defect during the warranty period of respective services.~~
- (iv) **20% of the cost of LED fittings as per purchase bill / GST invoice will be kept with the department as guarantee money and will be released after guarantee period of 5 year is over including defect liability period.**

30. Taxes and Duties

The tender is for entering into percentage rate works contract. The rates shall be inclusive of all taxes, duties, levies, cess, packing, transportation, handling etc.

(a) Statutory deduction of GST, Tax as applicable shall be deducted at source from each running /final bill payment. A certificate of TDS shall be issued by the department to the contractor.

(b) Further @ 2% Royalty of minor mineral shall be deducted at source from each running /final bill payment as per Finance Department, Guwahati vide order No. FEB.28/2016/pt/25 dated 01/11/2021 and notification of Assam Minor Mineral Concession (Amendment) rule 2021 vide No. PEM.130/2021/40 dated 07/10/2021.

(c) Furthermore @ 1% labour cess shall be deducted at source from each running /final bill payment.

24. Terms of Payments:

Following payment terms shall be applicable.

- (i) No advance payment shall be made.
- (ii) Following percentage of contract rates shall be payable against the stage of work shown herein:

Sl. No.	Stage of Work	All Items.
1.	After initial inspection (wherever specified) and delivery at site in good condition on pro-rata basis.	60%
2.	On completion of installation in all respect on pro-rata basis.	25%
3.	On testing, Commissioning, Obtaining Clearance from Local Body and handing over to the department for beneficial use.	15%

31. Tender Drawings, Drawings for Approval and Completion Drawings Tender Drawings Drawings for approval on award of the work

The contractor shall prepare and submit following drawings within 30 days of award of work for approval before commencement of installation. The approval of drawings however does not absolve the contractor of his responsibility to supply the equipments/ materials as per agreement. In case of any contradiction between the approved drawings and agreement the decision of the Engineer-in-Charge shall be final and binding on the contractor.

- ~~Detailed structure drawing of High Mast pole and it's accessories and Electrical panels.~~
- Technical particulars of each and every item to be used at site.
- Any other drawings relevant to the work.

33. DRAWINGS FOR APPROVAL AND COMPLETION DRAWINGS

33.1 Drawings for approval on award of the work The contractor shall prepare and submit following drawings and get them approved from the Engineer-in-charge before the start of the work. The approval of drawings however does not absolve the contractor of his responsibility to supply the equipment/materials as per agreement. In case of any contradiction between the approved drawings and agreement the decision of the Engineer-in-Charge shall be final and binding on the contractor.

- (a) Layout drawings of the equipment to be installed ~~in pump room and terrace~~
- (b) Drawings showing the details of erection of entire equipment including their foundations
- (c) ~~Plumbing drawings showing the layout of entire piping, diameter and length of pipes, hydrant, air vessel, valves and isometric drawings showing connections to various equipment~~
- (d) Electrical wiring diagrams for all electrical equipment and controls including the sizes and capacities of the various cables and equipment
- (e) Dimensioned drawings of all electrical and control panels
- (f) ~~Drawings showing details of supports for pipes, cable trays etc.~~
- (g) Any other drawing(s) relevant to the work

33.2 Completion Drawings

Three sets of the following laminated drawings shall be submitted by the contractor while handing over the installation to the Department. Out of this one of the sets shall be laminated on a hard base for display in the fire control room. In addition, one set will be given on compact disc.

- (a) Installation drawings giving complete details of all the equipment, including their foundations,
- (b) ~~Plumbing layout drawings giving sizes and lengths of all the pipes and the 9 sizes and locations of all types of valves, and including isometric drawings for the entire piping including the pipe connections to the various equipment,~~
- (c) Line diagram and layout of all electrical control panels giving switchgear ratings and their disposition, cable feeder sizes and their layout,
- (d) ~~Control wiring drawings with all control components and sequence of operations to explain the operation of control circuits.~~

34 DOCUMENTS TO BE FURNISHED ON COMPLETION OF INSTALLATION

Three sets of the following documents shall be furnished to the department by the contractor on completion of work:-

- (a) Completion drawings as per Para 33.2
 - (b) 3 sets of manufacturer's technical catalogues of all equipment and accessories.
 - (c) ~~Operation and maintenance manual of all major equipment, detailing all adjustments, operation and maintenance procedure.~~
 - (d) Name plate details of all equipment.
- 34. The Contractor shall be required to obtain NOC from appropriate authority. The work shall be deemed to be completed only after receiving NOC from CEA & any other local body and rectification if any. Statutory fee if any shall be paid by the contractor. Enabling all liaison work/arranging in section of local body shall be with in scope of the contractor.**
- 35. After completion of installation, testing and charging of new transformer then dismantle the existing 160 KVA transformer without any delay of breakdown of power supply.**

Executive Engineer(E)
Guwahati Electrical Division
CPWD, Bamunimaidan, Guwahati-21

ELIGIBILITY CONDITIONS FOR SPECIALISED E & M / CIVIL WORK

1. For specialized component of E & M / Civil Works, the eligibility criteria for associating agencies shall be as below :

Sl. No.	Component	Approved Estimated Cost	Eligibility
A. E & M Work :			
1.	Sub Station	Rs. 32,23,580.00	

- Note :**
- The applicant shall either himself meet the eligibility conditions for the respective SPECIALIZED Civil and E&M components or otherwise, he will have to associate an agency meeting the eligibility requirements as given in this tender document and submit the details **as per Form “A”** within 10 days of award of work OR before start of specialized/minor component of work whichever is earlier.
 - The applicant/ main contractor has to submit consent letters **as per Form “B”** of this tender document from at least one eligible associate agency of the respective component of Specialized/ E&M work for each of the component of work by clearly indicating the component of work within 10 days of award of work OR before start of specialized/minor component of work whichever is earlier.
 - The main contractor will submit MOU signed with eligible associated contractor. The MOU in the enclosed **Form “C”** shall be signed by both the contractors, i.e. main contractor as 1st party and associated contractor as 2nd party, independently for EACH specialized Civil and E&M component, specified as above.
 - If the main contractor fails to associate agency for execution of specialized/minor components of work within 10 days of award of work OR before start of specialized/minor component of work whichever is earlier or furnishes incomplete details or furnishes details of ineligible agencies even after the tenderer is given due opportunity, the entire scope of such component of work shall be withdrawn from the tender and the same shall be got executed by the Engineer-in –Charge at the risk and cost of the main contractor.
 - Verifiable completion certificates of the work, registration/approval documents as the case may be, duly attested by the applicant shall be submitted within 10 days of award of work OR before start of specialized/minor component of work whichever is earlier. Valid Electrical license, as the case may be, duly attested by the applicant shall also be submitted within 10 days of award of work OR before start of specialized/minor component of work whichever is earlier.
 - Self-attested GST registration documents in respect of the associated agencies shall be submitted within 10 days of award of work OR before start of specialized/minor component of work whichever is earlier.

UNDERTAKING REGARDING ASSOCIATION WITH THE AGENCIES
HAVING EXPERIENCE OF SPECIALISED WORK

To,

The Executive Engineer (EL),
Guwahati Electrical Division, CPWD,
Nirman Bhawan, Bamunimaidan
Guwahati – 781021.

Subject : “Augmentation of 200 KVA substation after replacement of old substation equipment including accessories at RRSL, Dhakhingaon, Kahilipara, Guwahati”.

Sir,

Having examined the details given in the Bid Documents for the above said work. I / We hereby submit the following :

“I / We undertake that I/We will associate contractors having experience of execution of each specialised works mentioned in bid document.”

Signature of the Bidder with seal

CONSENT LETTER FROM ELIGIBLE ASSOCIATE
AGENCY OF SPECIALIZED COMPONENT OF WORK

Name of Work : “Augmentation of 200 KVA substation after replacement of old substation equipment including accessories at RRSL, Dhakhingaon, Kahilipara, Guwahati”.

I / We hereby give my consent to associate with M/s, for executing the minor component of work of (Mention category).

I / We will execute the work as per specifications and conditions of the agreement and as per directions of the Engineer –in-Charge for the corresponding specialized work till the completion of the work.

I / We will be responsible for necessary action to handover the installations and for rectification of defects and repair during the maintenance / warranty period.

Also, I / We will employ full time technically qualified Engineer / supervisor for the minor component of the work as required for the work. I / We will attend inspection of officers of the department as and when required.

Date : _____ / _____ / 20 _____

(Signature with date of Major Component Contractor)

(Signature with date of Specialized Component Contractor)

Address : _____

Address : _____

Witness with address
(From Specialized component contractor)

: _____

Witness with address
(From Major component contractor)

: _____

AFFIDAVIT OF MEMORANDUM OF UNDERSTANDING (MoU)
(to be submitted for each and every E & M Component)

1. M/s. _____ (Name of the firm with full address) _____

Enlistment Status : _____ .

Valid Upto : _____ .

(Henceforth called the main Contractor)

2. M/s. _____ (Name of the firm with full address) _____

Enlistment Status : _____ .

Valid Upto : _____ .

(Henceforth called the Associated Contractor)

For the execution of E & M Work :

Name of the work : “Augmentation of 200 KVA substation after replacement of old substation equipment including accessories at RRSL, Dhakhingaon, Kahilipara, Guwahati”.

We state that M.O.U between us will be treated as an agreement and has legality as per Indian Contract Act (amended up to date) and the department (CPWD) can enforce all the terms and conditions of the agreement for execution of the above work. Both of us shall be responsible for the execution of work as per the agreement to the extent this MOU allows. Both the parties can be paid consequent to the execution as per agreement to the extent this MOU permits. In case of any dispute, either of us will go for mediation by the Engineer In charge. Any of us may appeal against the mediation to the Chief Engineer, CPWD, Guwahati, Assam. His decision shall be final and binding on both of us.

We have agreed as under :

1. The Associated Contractor will execute all E & M works in the wholesome manner as per terms and conditions of the agreement.
2. The Associated Contractor shall be liable for disciplinary action if he fails to discharge the action(s) and other legal action as per agreement.
3. All the machinery and equipment, tools and tackles required for execution of the E & M works, as per agreement, shall be the responsibility of the Associated Contractor.
4. The site staff required for the E & M work shall be arranged by the Associated Contractor as per terms and conditions of the agreement.
5. Site order book maintained for the said work shall be signed by the main contractor as well as by the Engineer of the Associated Contractor and by Associated Contractor himself.

6. All the correspondence regarding execution of the E & M work shall be done by the department with the Associated Contractor with a copy to the main contractor. In case of non-compliance of the provisions of agreement, the main contractor, as well as the associated contractor shall be responsible. The action under clauses 2 and 3 shall be initiated and taken against the main contractor.

SIGNATURE OF MAIN CONTRACTOR :

SIGNATURE OF ASSOCIATED CONTRACTOR :

Date : ____ / ____ / 20 ____

Date : ____ / ____ / 20 ____

Place : _____

Place : _____

1. Witness with address :

2. Witness with address :

a. _____

a. _____

b. _____

b. _____

c. _____

c. _____

(From major component contractor side)

(From minor component contractor side)

NOTE : Affidavit to be furnished on a 'Non-Judicial' stamp paper worth `100.

केन्द्रीय लोक निर्माण विभाग

कार्यालय ज्ञापन

No. DG/CON/Construction 2023/01

ISSUED BY THE AUTHORITY OF DIRECTOR GENERAL, CPWD

Nirman Bhawan, New Delhi

Dated: 10.11.2023

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

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

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

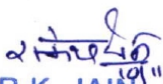
This is issued with the approval of DG CPWD.


10.11.2023
(वी. पी. साहू)

अधीक्षण अभियंता (सी.एंड एम.)

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

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


R.K. JAIN
(EE (Contact))

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**Central Public Works Department
Office Memorandum
No. DG/CON/Construction-2023/02**

ISSUED BY THE AUTHORITY OF DIRECTOR GENERAL, CPWD

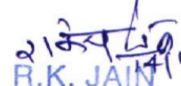
Nirman Bhawan, New Delhi

Dated: 14.11.2023

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

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

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


 21/11/2023
 R.K. JAIN
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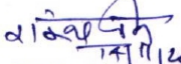
SCHEDULE 'F' Clause 11 Specifications to be followed for execution of work No provision	SCHEDULE 'F' Clause 11 Specifications to be followed for execution of work i. Building information model (BIM) is applicable and BIM professional to be deployed by contractor (NIT approving authority to write Yes or No)
SCHEDULE 'F' Clause 32 Requirement of Technical Representative(s) and recovery Rate Assistant Engineers retired from Government services that are holding Diploma will be treated at par with Graduate Engineers. Diploma holder with minimum 10 year relevant experience with a reputed construction co. can be treated at par with Graduate Engineers for the purpose of such deployment subject to the condition that such diploma holders should not exceed 50% of requirement of degree engineers. No Provision	SCHEDULE 'F' Clause 32 Requirement of Technical Representative(s) and recovery Rate No Change. No Change. Minimum recovery for not deploying Building Information Model (BIM) professional shall be Rs. two lac per month or as mentioned above, whichever is higher.

This issues with the approval of DG CPWD.

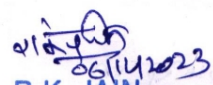

14.11.2023
(V.P. Sahu)
Superintending Engineer (C&M)

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

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


14/11/2023
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progress of the work, and (ii) to omit a part of the works in case of non-availability of a portion of the site or for any other reasons and the contractor shall be bound to carry out the works in accordance with any instructions given to him in writing signed by the Engineer-in-Charge and such alterations, omissions, additions or substitutions shall form part of the contract as if originally provided therein and any altered, additional or substituted work which the contractor may be directed to do in the manner specified above as part of the works, shall be carried out by the contractor on the same conditions in all respects including price on which he agreed to do the main work except as hereafter provided.	
The completion cost of any agreement for Maintenance works including works of upgradation, aesthetic, special repair, addition/ alteration should not exceed 1.25 times of Tendered amount. Any further deviation beyond this limit upto 1.5 times of tendered amount shall be approved by the authority mentioned in schedule 'F' with recorded reason and in exceptional case, ADG shall have full power to approve the deviation beyond 1.50 times of tendered amount with recorded reason and take suitable corrective action.	Deleted
No provision	The completion cost shall, in no case, exceed 1.5 times the contract amount. Contractor will devise a system to keep a watch on quantum of work taken up vis-a-vis balance items required to complete defined scope of work and will give the alerts to Engineer-in-Charge before taking up extra items, deviations so that completion cost does not exceed above limit. Work executed beyond above limit will neither be recorded nor be paid.


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


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rates and other documents submitted by the contractor, determine the rates on the basis of the market rates and the contractor shall be paid in accordance with the rates so determined.

may be.

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

Material rates from Standard Schedules of Rates shall be given priority in the analysis of rates.

The rate of extra item will be:-

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

Failing which the rate(s) approved later by the Engineer-in-Charge shall be final and binding.

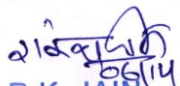
Where the contractor submits **analysis of rate of extra items** in the manner prescribed above, the Engineer-in-Charge shall, within 60 days of the receipt of the **analysis of rate**, after giving consideration to the analysis of rates and other documents submitted by the contractor, determine the rate(s) of **extra items**. The contractor shall be paid in accordance with the rates so determined.

However provisional rates on the basis of invoice will be allowed by the Engineer-in-Charge. Invoice shall be accepted only for materials not available in the Standard Schedule of Rates mentioned in Schedule F. The extra items rate shall be finalized only after submission of tax paid bills by

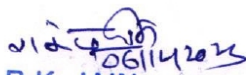

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	the contractor to the Engineer-in-Charge as required above. The Engineer-in-Charge may apply the discount available in the market on the rate of materials taken from tax paid bills.
(b) No Provision	b) Scheduled Extra Items i. For percentage rate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


 06/11/2013
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Deviation, deviated quantities, Pricing In the case of contract items which exceed the limit laid down in Schedule F, the contractor may within fifteen days of the receipt of order or occurrence of the excess, claim revision of the rates, supported with proper analysis of rate and invoices, vouchers, etc. (as applicable), for the quantity in excess of the above-mentioned limit. The Engineer-in-Charge shall within 45 days of receipt of the claims, after giving consideration to the analysis of rates and other documents submitted by the contractor, determine the rates on the basis of the market rates and the contractor shall be paid in accordance with the rates so determined. The rate(s) so determined by the Engineer-in-Charge shall be final and binding on the contractor, and shall not be arbitrable.	c) Deviation, deviated quantities, Pricing In the case of contract items which exceed the limit laid down in Schedule F, the contractor may within fifteen days of the receipt of order or occurrence of the excess, claim revision of the rates, supported with proper analysis of rates and other documents, as per procedure described in para 12.2(a) or 12.2(b) (as applicable), for the quantities in excess of the above-mentioned limit. The Engineer-in-Charge shall within 45 60 days of receipt of the claims, after giving consideration to the analysis of rates and other documents submitted by the contractor, determine the rates and the contractor shall be paid in accordance with the rates so determined. In case, the contractor fails to submit his claim for revision of rates within 15 days of the receipt of order or occurrence of the excess, the Engineer-in-Charge shall determine the rate(s) of such items in accordance with para 12.2 (a) and 12.2 (b) without giving any notice to the contractor. The rates so determined by the Engineer-in-Charge shall be final and binding. The rate(s) of extra items and deviated items so determined by the Engineer-in-Charge shall be final and binding on the contractor.
12.3 In the case of contract items which exceed the limit laid down in Schedule F, the Engineer-in-Charge shall after giving notice to the contractor within 30 days of submission of that bill by the contractor which contains such item(s), and after taking into consideration any reply received from the contractor within 15 days of the issue of such notice, reduce the rate for quantity in excess of the above-mentioned limit on the basis of market rates, within 30 days of the expiry	Deleted


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

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(EE (Contract))

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

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


06/12/2023
(V.P. Sahu)

Superintending Engineer (C&M)

Issued from file No. CSQ/CM/17(1)/Construction/2023 e-file no 9163323
All CPWD and PWD officers for information and necessary action.
(Through CPWD website).


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

केन्द्रीय लोक निर्माण विभाग

कार्यालय ज्ञापन

No. DG/CON/Construction 2023/04

ISSUED BY THE AUTHORITY OF DIRECTOR GENERAL, CPWD

Nirman Bhawan, New Delhi

Dated: 08.12.2023

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

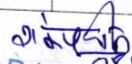
The following amendments are made in the GCC 2023 for Construction works.

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

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


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

21/04/23
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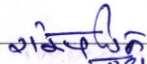
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executing work not forming part of the Contract, or vi. any other cause like above which, in the reasoned opinion of the Engineer-in-Charge is beyond the Contractor's control	executing work not forming part of the Contract, or vi. any other cause like above which, in the reasoned opinion of the Engineer-in-Charge is beyond the Contractor's control.
Then upon the happening of any such event causing delay, the contractor shall immediately give notice thereof in writing to the Engineer-in-Charge but shall nevertheless use constantly his best endeavours to prevent or make good the delay and shall do all that may be reasonably required to the satisfaction of the Engineer-in-Charge to proceed with the works.	Then upon the happening of any such event causing delay, the contractor shall within 03 (three) days give online notice thereof through ERP Portal to the Engineer-in-Charge but shall nevertheless use constantly his best endeavors to prevent or make good the delay and shall do all that may be reasonably required to the satisfaction of the Engineer-in-Charge to proceed with the work(s). The contractor shall have no claim on account of any hindrance in case notice(s) are not given by the contractor through ERP portal. The Engineer-in-Charge, on receipt of such notice(s) after considering the factual ground situation, shall either acknowledge or reject the notice(s) In case of rejection, the reason(s) for rejection shall be communicated by Engineer-in-Charge to the agency. The decision of Engineer-in-Charge with regard to nature of event causing delay, its start date and end date, as has been finalized during acknowledgement of notice, shall be final and binding. The end date of such events shall be recorded by Engineer-in-Charge either during acknowledgment of notice or subsequent to acknowledgement if end date of hindrance is after the date of acknowledgement of notice. In absence of notice by the contractor, Engineer-in-Charge or his representative(s) may record the events causing delay within 05 (five)


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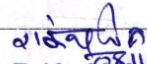
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	days of occurrence of hindrance on ERP portal provided further that not recording of events causing delay by the Engineer-in-Charge does not ipso facto entitle the contractor for any hindrance.
The contractor shall have no claim of damages for extension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


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	The end date of such events shall be recorded by Engineer-in-Charge either during acknowledgment of notice or subsequent to acknowledgement if end date of hindrance is after the date of acknowledgement of notice. In absence of notice by the contractor, Engineer-in-Charge or his representative(s) may record the events causing delay within 05 (five) days of occurrence of hindrance on ERP portal provided further that not recording of events causing delay by the Engineer-in-Charge does not ipso facto entitle the contractor for any hindrance.
Such extension of time or rescheduling of milestone/s shall be without prejudice to any other right or remedy of the parties in contract or in law, provided further that for concurrent delays under this sub clause and sub clause 5.2 to the extent the delay is covered under sub clause 5.2 the contractor shall be entitled to only extension of time and no damages.	Such extension of time or rescheduling of milestone(s) shall be without prejudice to any other right or remedy of the parties in contract or in law, provided further that for concurrent delay(s) under this sub clause and sub clause 5.2 to the extent the delay is covered under sub clause 5.2, the contractor shall be entitled to only extension of time and shall have no claim of damages.
5.4 Request for rescheduling of Mile stones or extension of time, to be eligible 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. 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	5.4 Rescheduling of milestone(s) and 'extended date of completion' The request for rescheduling of Milestone(s) and extension of time, shall be made by the Contractor through ERP Portal once in a month on the basis of hindrances accepted by Engineer-in-Charge under sub-clause 5.2 and sub-clause 5.3. The Contractor shall indicate in such a request number of days by which rescheduling of milestone(s) and/or extension of time is desired. Deleted


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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. E-in-C shall finalize/ reschedule a particular mile stone before taking an	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). Engineer-in-Charge shall finalize/ reschedule a particular mile stone

21.11.23
R.K. JAIR
(EE (Conta

Page 7 of 9

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

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R.K. JAIN
(EE (Contact))

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

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

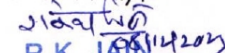
This is issued with the approval of DG CPWD.


 08.12.2023
 (वी. पी. साहू)

अधीक्षण अभियंता (सी.एंड एम.)

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

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


 R.K. JAIN
 (Contact)

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केन्द्रीय लोक निर्माण विभाग
कार्यालय ज्ञापन

No. DG/CON/Construction 2023/05
ISSUED BY AUTHORITY OF DIRECTOR GENERAL, CPWD

NIRMAN BHAWAN, NEW DELHI

Dated: 08.02.2024

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

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

Existing provision	Modified provision
CONDITIONS OF CONTRACT Definitions 2. In the contract, the following expressions shall, unless the context otherwise requires, have the meanings, hereby respectively assigned to them:- (i) to (xviii) (xix) No provision (xx) No provision	CONDITIONS OF CONTRACT Definitions 2. In the contract, the following expressions shall, unless the context otherwise requires, have the meanings, hereby respectively assigned to them:- (i) to (xviii) No change (xix) Adolescent Person: A person who has completed his/her fourteenth year of age but has not completed his eighteenth year. (xx) Hazardous works: Hazardous process/works are the works as defined in the clause (cb) of the Factory Act, 1948.
Clause 19 Labour Laws to be complied by the Contractor The contractor shall comply with the provisions of the Contract Labour (Regulation and Abolition) Act, 1970, and the Contract Labour (Regulation and Abolition) Central Rules, 1971. The contractor shall also obtain a valid licence under the said Act before the commencement of the work, and continue to have a valid licence until its completion. The contractor shall also comply with provisions of the Inter-State Migrant Workmen (Regulation of Employment and Conditions of Service) Act, 1979.	Clause 19 Labour Laws to be complied by the Contractor No change No change No change

The contractor shall also abide by the provisions of the Child and Adolescent Labour (Prohibition and Regulation) Act, 1986. The contractor shall also 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. Any failure to fulfil these requirements shall attract the penal provisions of this contract arising out of the resultant non-execution of the work.	The contractor shall also abide by the provisions of the Child and Adolescent Labour (Prohibition and Regulation) Act, 1986, amended by Amendment Act No. 35 of 2016 and thereafter time to time. No change No change
Clause 19A No labour below the age of eighteen years shall be employed on the work.	Clause 19A No person below the age of fourteen years shall be employed on the work. However Adolescent Persons can be employed on non-hazardous works/process.
C.P.W.D. Contractor's Labour Regulations 2. DEFINITIONS i. (c) Who is an out worker, that is to say, person to whom any article or materials are premises under the control and management of the principal employer. No person below the age of 18 years shall be employed to act as a workman.	C.P.W.D. Contractor's Labour Regulations 2. DEFINITIONS i. (c) No change. No person below the age of fourteen years shall be employed on the work. However Adolescent Persons can be employed on non-hazardous works/process.

This issues with the approval of DG CPWD.


08.02.2024
(वी. पी. साहू)

अधीक्षण अभियंता(सी.एंड एम.)

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

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

**Central Public Works Department
Office Memorandum**

No. DG/CON/Construction 2023/06

ISSUED BY AUTHORITY OF DIRECTOR GENERAL, CPWD

01.03.2024

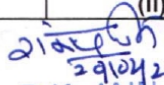
NIRMAN BHAWAN, NEW DELHI

Dated: 20.02.2024

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

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

Existing provision	Modified provision
CONDITIONS OF CONTRACT Definitions 9. Signing of Contract:- The successful tenderer/contractor, on acceptance of his tender by the Accepting Authority, shall, within 15 days from the stipulated date of start of the work, sign the contract consisting of:- (i) to (iii) No Provision	CONDITIONS OF CONTRACT Definitions 9. Signing of Contract:- The successful tenderer, on acceptance of his tender by the Accepting Authority, shall, within 15 days from the stipulated date of start of the work, sign the contract consisting of:- (i) to (iii) No change In the event of successful tenderer being a firm/company, then the agreement shall be signed by all the partners or directors thereof individually. In the event of the absence of any partner/director, it shall be signed on his behalf by a person holding a power of attorney (duly notarized by notary public or board resolution in case of company) authorizing him to do so.
Clause 19 B Payment of Wages (i) The contractor shall pay to labour employed by him either directly or through subcontractors, wages not less than fair wages as defined in the C.P.W.D. Contractor's Labour Regulations or as per the provisions of the Contract Labour (Regulation and Abolition) Act, 1970 and the contract Labour (Regulation and Abolition) Central Rules, 1971, wherever applicable.	Clause 19 B Payment of Wages (i) The contractor shall pay to labour employed by him either directly or through subcontractors, wages not less than fair wages as defined in the C.P.W.D. Contractor's Labour Regulations or as per the provisions of the Contract Labour (Regulation and Abolition) Act, 1970 and the contract Labour (Regulation and Abolition) Central Rules, 1971 and Gazette Notification 19.01.2017, S.O 188 (E) extra ordinary part 2 – sec. 3 (ii) amended time to time.


 29/02/2024
R.K. JAIN
 (EE (Contract))

(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.	Thus higher of the wages either notified by Govt. of India, Ministry of Labour and/or that notified by the local administration of the State Govt. both relevant to the place of work and the period of reckoning shall be paid by the contractor to the labourer . (v) The contractor shall comply with the provisions of the Payment of Wages Act, 1936, Minimum Wages Act, 1948, Employees Liability Act, 1938, Workmen's Compensation Act, 1923, Industrial Disputes Act, 1947, Maternity Benefits Act, 1961, and the Contractor's Labour (Regulation and Abolition) Act 1970, Gazette Notification 19.01.2017, S.O 188 (E) extra ordinary part 2 – sec. 3 (ii) and or the modifications thereof or any other laws relating thereto and the rules made there under from time to time.
Clause 20 Minimum Wages Act to be Complied With The contractor shall comply with all the provisions of the Minimum Wages Act, 1948, and Contract Labour (Regulation and Abolition) Act, 1970, amended from time to time and rules framed there under and other labour laws affecting contract labour that may be brought into force from time to time.	Clause 20 Minimum Wages Act to be Complied With The contractor shall comply with all the provisions of the Minimum Wages Act, 1948, and Contract Labour (Regulation and Abolition) Act, 1970, Gazette Notification 19.01.2017, S.O 188 (E) extra ordinary part 2 – sec. 3 (ii) amended from time to time and rules framed there under and other labour laws affecting contract labour that may be brought into force from time to time.

This issues with the approval of DG CPWD.

[Signature] 01.03.2024
(V.P. Sahu)

Superintending Engineer (C&M)

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

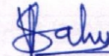
To all the concerned officers of CPWD/PWD for information and necessary action please. (Through CPWD Website)

[Signature]
R.K. JAIN 24/2/2024
(C&M)

Engineer-in-Charge shall arrange to have the bill verified payment at such rates as decided by the Engineer-in-Charge.

No Change

This issues with the approval of DG CPWD.


01.03.2024
(V.P. Sahu)

Superintending Engineer (C&M)

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

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/Construction 2023/07

ISSUED BY AUTHORITY OF DIRECTOR GENERAL, CPWD

NIRMAN BHAWAN, NEW DELHI

Dated: 01.03.2024

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

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

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


R.K. JAIN
(EE (Contact))

Engineer-in-Charge shall arrange to have the bill verified by taking or causing to be taken, prescribed time limit.	No Change
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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/Const. e-file no. 9135972

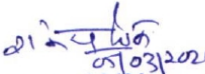
To all the concerned officers of CPWD/PWD for information and necessary action please. (Through CPWD Website)

[Signature]
01.03.2024
R.K. JAIN
(EE (Contact))

Central Public Works Department
Office Memorandum
No. DG/CON/Construction 2023/08
ISSUED BY AUTHORITY OF DIRECTOR GENERAL, CPWD
NIRMAN BHAWAN, NEW DELHI **Dated: 05.03.2024**
Subject: Modifications in Clause 19 of GCC 2023 for Construction Works

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

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


R.K. JAIN
(EE (Contact))

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

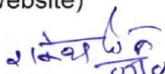
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05.03.2024
(V.P. Sahu)

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)


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

Central Public Works Department
Office Memorandum

No. DG/CON/Construction 2023/09

ISSUED BY AUTHORITY OF DIRECTOR GENERAL, CPWD

NIRMAN BHAWAN, NEW DELHI

Dated: 01.04.2024

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

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

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

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

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

This issues with the approval of DG CPWD.

[Signature]
 01.04.2024
 (V.P. Sahu)

Superintending Engineer (C&M)

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

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

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

**Central Public Works Department
Office Memorandum**

No. DG/CON/Construction 2023/10

ISSUED BY AUTHORITY OF DIRECTOR GENERAL, CPWD

NIRMAN BHAWAN, NEW DELHI

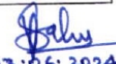
Dated: 03-06-2024

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

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

Existing provision	Modified provision
Clause 36 If relative working in CPWD then the contractor not allowed to tender The contractor shall not be <u>permitted</u> to tender for works in the CPWD circle <u>(Division in case of contractors of Horticulture/Nursery categories)</u> 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 <u>Superintending Engineer</u> and Junior Engineer (both inclusive). He shall also intimate the names of persons who are working <u>with him in any capacity</u> or are subsequently employed by him and who are near relatives to any <u>Gazetted Officer in the C.P.W.D. or in the Ministry of Housing and Urban Affairs</u>. Any breach of this condition by the contractor would render him liable to be <u>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.</u> 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.	Clause 36 If relative working in CPWD then the contractor is not allowed to participate in the tendering process The contractor (enlisted or non-enlisted in CPWD) shall not be allowed to participate in the tender for work(s) in the CPWD Zone/circle /Division/Sub-Division responsible for award and/or execution of contract(s) in which his near relative is posted as Divisional Accountant or as an officer in any capacity between the grades of the Chief Engineer and Junior Engineer (both inclusive). He shall also intimate the names of persons who are working or are subsequently employed by him and who are near relatives to any Officer working in the CPWD. Any breach of this condition by the contractor would render him liable to be debarred for a period upto two years from tendering in CPWD as decided by the accepting authority mentioned in Schedule F and his decision will be excepted from clause 25.
	No change.

This issues with the approval of DG, CPWD.


 03.06.2024
 (V.P. Sahu)

Superintending Engineer (C&M)

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

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


R.K. JAIN
 EE (Contract)

Central Public Works Department

Office Memorandum

No. DG/CON/Construction 2023/11

ISSUED BY AUTHORITY OF DIRECTOR GENERAL, CPWD

NIRMAN BHAWAN, NEW DELHI

Dated: 03-06-2024

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

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

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

This issues with the approval of DG CPWD.

[Signature]
03-06-2024
(V.P. Sahu)

Superintending Engineer (C&M)

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

e-file 9163323

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

[Signature]
R.K. JAIN
EE (Contract)

केन्द्रीय लोक निर्माण विभाग
कार्यालय झापन

No. DG/CON/Construction 2023/12

ISSUED BY AUTHORITY OF DIRECTOR GENERAL, CPWD

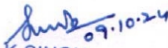
NIRMAN BHAWAN, NEW DELHI

Dated: 09.10.2024

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

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

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


R K SINGH
EE(Manual)

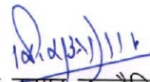


Appendix-XX
REGISTER OF MATERIAL AT SITE (MAS)

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)/ Construction/2024
e-file 9184028 (DFA/9301389)

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


 09.10.24
 R K SINGH
 EE(Manual)



केन्द्रीय लोक निर्माण विभाग

कार्यालय ज्ञापन

No. DG/CON/Construction-2023/13

ISSUED BY THE AUTHORITY OF DIRECTOR GENERAL, CPWD

Nirman Bhawan, New Delhi

Dated: 29.10.2024

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

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

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

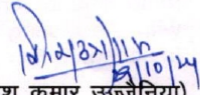

R K SINGH
EE(Manual)

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

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

This is issued with the approval of DG CPWD.


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

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


 R K SINGH
 EE(Manual)

केन्द्रीय लोक निर्माण विभाग

कार्यालय ज्ञापन

No. DG/CON/Construction 2023/14

ISSUED BY AUTHORITY OF DIRECTOR GENERAL, CPWD

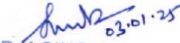
NIRMAN BHAWAN, NEW DELHI

Dated: 03.01.2025

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

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

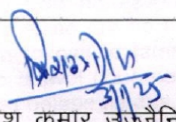
Existing provision	Modified provision
Applicable for Item Rate Tender only (CPWD - 8) 4 The rates rupee one. In case the lowest tendered amount (worked out on the basis of quoted rate of Individual items) of two or more contractors is same, then such lowest contractors may be asked to submit sealed revised 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. If the revised their tenders. In case of any be forfeited. In case all lowest contractors. Contractor of the work.	Applicable for Item Rate Tender only (CPWD - 8) 4 No change In case the lowest tendered amount (worked out on the basis of quoted rate of Individual items) of two or more contractors is same, then such lowest contractors may be asked to submit 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. No change
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 sealed revised offer in the form of letter mentioning percentage above/ below on estimated cost of tender including all sub sections/sub	Applicable for Percentage Rate Tender only [CPWD- 7] 4B In case the lowest tendered amount (estimated cost $\pm$ 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/ below on estimated cost of tender including all sub sections/sub heads as the case may


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EE(Manual)

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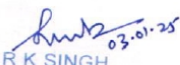
heads as the case may be, but the revised percentage quoted above/below on tendered cost or on each sub section/ sub head should not be higher than the percentage quoted at the time of submission of tender. The lowest tender shall be decided on the basis of revised offers.	be on the revised template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

This issues with the approval of DG, CPWD.


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

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

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 झापन

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

NIRMAN BHAWAN, NEW DELHI

Dated: 31.01.2025

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

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

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

This issues with the approval of DG, CPWD.

(दिनेश कुमार उज्जैनिया)

अधीक्षक अभियंता (सी.एंड.एम.)

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

केलोनिलि तथा लोनिलि दिल्ली के सभी अधिकारियों को आवश्यक सूचना एवं कार्यवाही हेतु।

(केलोनिलि वेबसाईट के माध्यम से)

R K SINGH
EE(Manual)

केन्द्रीय लोक निर्माण विभाग
कार्यालय ज्ञापन

No. DG/CON/Construction 2023/16
ISSUED BY AUTHORITY OF DIRECTOR GENERAL, CPWD

NIRMAN BHAWAN, NEW DELHI

Dated: 10.02.2025

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

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

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


R.K. SINGH
EE(Manual)

Page 1 of 3

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

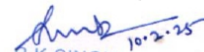
If the final bill is submitted by the contractor within the period specified above and delay in payment of final bills is made by the department after prescribed time limit, a simple interest @ 5 % (five percent) per annum shall be paid to the contractor from the date of expiry of prescribed time limit,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

This issues with the approval of DG, CPWD.

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

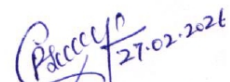
Issued from file No. CSQ/CM/17(1)/2025/Construction
e-file 9190123 (DFA/9315615)

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


R K SINGH
EE(Manual)

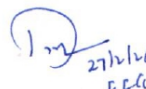
(ii) Performance Guarantee : 5% of tendered value.	(ii) Performance Guarantee : (a) 5% of tendered value or Estimated Cost Put to Tender (ECPT) (whichever is higher). (b) Where the tendered amount is less than eighty percent (80%) of the Estimated Cost Put to Tender (ECPT), the Performance Guarantee, in addition to the requirement under (a) above, shall be increased by an amount equal to the difference between eighty percent (80%) of the ECPT and the tendered amount.
Sl. No. (iii)	No change

This issues with the approval of DG, CPWD.


 (चन्द्र शर्मा) अति. (सी. एन्ड. एम.)
 अधीक्षण अभियंता (सी. एन्ड. एम.) SE (C&M)

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

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


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

केन्द्रीय लोक निर्माण विभाग
कार्यालय ज्ञापन

No. DG/CON/ Construction 2023/17
ISSUED BY AUTHORITY OF DIRECTOR GENERAL, CPWD

NIRMAN BHAWAN, NEW DELHI

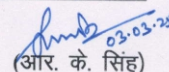
Dated: 03.03.2025

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

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

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

This issues with the approval of DG, CPWD.


(आर. के. सिंह)

कार्यपालक अभियन्ता (एम.)

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

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

R K SINGH
EE(Manual)

केन्द्रीय लोक निर्माण विभाग

कार्यालय ज्ञापन

No. DG/CON/Misc/46

ISSUED BY THE AUTHORITY OF DIRECTOR GENERAL, CPWD

Nirman Bhawan, New Delhi

Dated: 18.11.2025

Subject: Advisory on release of security deposit.

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

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

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

This issues with the approval of competent authority.

अधीक्षण अभियन्ता (सी० एंड एम०)

(चन्द्र पाल)
18.11.2025
चन्द्र पाल, अ. अभि. (सी० एंड एम०)
Chander Pal, SE (C&M)

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

To,

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

18/11/25

D.P. Jindal
EE (Contract)

केन्द्रीय लोक निर्माण विभाग
कार्यालय ज्ञापन

No. DG/CON/Construction 2023/20
ISSUED BY AUTHORITY OF DIRECTOR GENERAL, CPWD

VIDYUT BHAWAN, NEW DELHI

Dated: 27.02.2026

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

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

Existing provision	Modified provision
General Rules & Directions 11 (i) The Contractor whose tender is accepted, will be required to furnish performance guarantee at specified percentage of the tendered amount as mentioned in Schedule 'E' and within the period specified in Schedule F.	General Rules & Directions 11 (i) The Contractor whose tender is accepted, will be required to furnish performance guarantee as mentioned in Schedule 'E' and within the period specified in Schedule F.
Clause 1 Performance Guarantee (i) The contractor shall submit an irrevocable Performance Guarantee at specified percentage of the tendered amount as mentioned in Schedule 'E', in addition to other deposits mentioned elsewhere in the contract for his proper performance of the contract agreement, (not withstanding and/or without prejudice to any other provisions in the contract) within period specified in Schedule 'F' from the date of issue of letter of acceptance.	Clause 1 Performance Guarantee (i) The contractor shall submit an irrevocable Performance Guarantee as mentioned in Schedule 'E', in addition to other deposits mentioned elsewhere in the contract for his proper performance of the contract agreement, (not withstanding and/or without prejudice to any other provisions in the contract) within period specified in Schedule 'F' from the date of issue of letter of acceptance.
Sl. No. (ii) to (v)	No change
SCHEDULE 'E' Reference to General Conditions of contract Sl. No. (i)	SCHEDULE 'E' Reference to General Conditions of contract No change

1.27/27/2/26
EE (C)
D.P. Jindal
EE (Contract)

LIST OF ACCEPTABLE MAKES OF ELECTRICAL ITEMS

Name of Work :- “Augmentation of 200 KVA substation after replacement of old substation equipment including accessories at RRSL, Dhakhingaon, Kahilipara, Guwahati”.

NIT No. 53/NIT/EE(E)/GED/2026-27/Recall

Sl.No	ITEM	Name of Manufacturers
1.	Power cable / XLPE Cable	Finolex / Havells / R R Kabel/ V Marc
2.	Transformer	Shree Sai Electricals / Power Maker Unit – II / Prag / Raychem PRG (P) Ltd./Technovel/ Elan
3.	OLTC/RTCC	OLG/CTR
4.	Electrical Panel /LT Panel/Feeder pillar/ APFC Panel	Siddhi Vinayak Power Solution / Brahmaputra Power & Control / Mariana / /Kratos/ Green Galaxi, Kolkata/R. P. Control/Precision Control (The manufacturer must have CPRI test certificate of appropriate rating not older than 5 years from the date of call of tender)
5.	MCB/RCBO/Isolator /RCCB	Legrand(DX3) / Siemens (Betagard) / Schneider (Acti-9)/ ABB (SB-200M)/C&S(Wintrip)/ LK (L&T)
6.	MCCB's	Legrand (DPX3) / Siemens (3VA) / LK (L&T) (D-sine) / ABB(XT) / Schneider (NSX)/ C&S (Winbreak-I/II)
7.	ACB's	Legrand (DMX3)/ Siemens (3WA) / LK (L&T) (Omega -U power) / ABB (Emax2) / C&S (Winmaster3) / Schneider (MTZ)
8.	Cable jointing kit (HT & LT)	Raychem / Johnson/M seal/3 - M
9.	Gel Chemical Earthing	Indelek/ Ashlok/ Universal Earthing System/ True power
10.	DWC pipe	Rex / Duraline /Astral / CPE/ Shree Tulsi/ Gemini
11.	GI Pipe/ MS Pipe (ISI Marked)	Jindal(Hissar) / Tata /Bansal/Sail/Nezone/Utkarsh
12.	Compression gland/Lugs	Dowel / Comet / Multi / Raychem / Jhonson / Action
13.	All other items not covered above	As per approval of Engineer-in-charge

NOTES:-

1. The materials of first/standard quality from the following preferred makes are to be used. In case it is established that the brands specified below are not available in the market, contractor shall submit alternative proposal to Engineer-in-Charge for the approval of NIT approving authority.
2. When two or more alternative brands have been mentioned, the brand to be finally used shall be as decided by the Engineer-In-Charge. Nothing extra on this account is payable.
3. Article / Material / Brand which are not mentioned in the above list may be approved by the Chief Engineer on the request of Contractor / Agency provided that the Material / Article / Brand proposed by the contractor should have equivalent or better specifications and rates which are already mentioned in the list.
4. All other items shall be of ISI marked / as per approved sample kept at site of work.

Executive Engineer(E)

Schedule of work						
Name of Work :- Augmentation of 200KVA substation after replacement of old substation equipment including accessories at RRSL, Dhakhingaon, Kahilipara, Guwahati						
Item No.	Description of Items	Qty.	Rate	Unit	Amount	
					DSR-25	MR
1.1	(Sub -station Transformer)					
	Supplying, installation, testing & commissioning of Energy efficiency level 2 or amended up to date as per IS 1180 : (Part 1) as amended up to date (Amendment 4) or APDCL standard, 200 KVA, 11/0.433 KV, 3 phase, 50 Hz, Dyn11 ,ONAN type, copper wound distribution outdoor type transformer with OLTC on HV side having RTCC and AVR relay suitable for floor mounting with CRGO Stacked core, HV side Cable end box suitable for suitable size XLPE cable of grade 11KV or suitable for 11 KV ACSR conductor arrangement and suitable size bus trunking/cable termination on LV side, neutral brought out separately, complete with all accessories including first filling of filtered dehydrated transformer oil and confirming to IS: 1180 , etc complete as required at the site. The Transformer is to comply with following technical specification as mentioned below, complete in all respect as reqd. at site.					
	Rated KVA at the ambient air temperature 45°C maximum - 200KVA					
	Rated voltage of HV -11KV					
	Rated voltage of MV -0.433KV					
	Temperature rise in oil/windings - 40/45°C					
	Rated Frequency -50Hz c/s					
	Number of Phase -3					
	Winding Connections HV/LV - DELTA/STAR					
	Percentage Impedence-4.5% (max)					
	Vector Group Reference -Dyn-11					
	Tappings on HV/LV to vary HV/LV + 5% to - 5% steps of 2.5%,					
	Total loss @ 50% load - 670 Watt (Max)					
	Total loss @ 100% load - 2100 Watt (Max)					
	Transformer should be tested APDCL Lab Test, if required	2	1611790.00	Each	-----	3223580.00
	(Panels and feeder pillar)					
1.2	Non- Essential Main Panel					

	Supplying, installation , testing & commissioning of cubicle type indoor LT Panel IP42 Enclosure suitable for 415 V, 3 Phase, 4 Wire 50 Hz AC supply system fabricated in compartmentalized (preferably) design from CRCA sheet steel of 2 mm thick for frame work and covers, 3 mm thick for gland, plates i/c cleaning & finishing complete with 7 tank process for powder coating in approved shade, having 500 Amp capacity extensible type TPN aluminium alloy bus bars of high conductivity, DMC/SMC bus bar supports, with short circuit withstand capacity of 31 MVA for 1 sec., bottom base channel of MS section not less than 100 mm X 50 mm X 5 mm thick, fabricated shall be done in transportable sections, entire panel shall have in transportable sections, entire panel shall have a common copper earth bar of size 25 mm X 5 mm at the rear with 2 Nos. earth stud, solid connections from main bus bar to switch gears with required size of AL. bus bars and control wiring with sq. mm PVC insulated copper conductors S/C cable, cable alleys, cable glad plates in two half, i/c providing following switch gears :-					
	(I) Incoming					
	400 Amps, 4 Pole, 50 KA, Microprocessor release MCCB with tripping features of O/C, E/F, S/C with extended rotary handle and spreader link - 2 Nos.					
	(a) Multifunctional meter with mode selection button and push button type switches with CTs - 2 Sets					
	(b) R - Y - B Indicating lamp LED Type Lamp with fuse - 2 Sets					
	(II) Bus Bars :					
	4 Strip aluminium bus bars of minimum 500 Amps capacity of suitable cross section for acheving required current density with heat shrinkable coloured sleeves and i/c suitable size supports & their spacing etc.					
	(III) Bus Coupler :					
	400 Amps, 4 Pole, 50 KA, Microprocessor release MCCB with tripping features of O/C, E/F, S/C with extended rotary handle and spreader link including mechanical interlocking feature (so as to act as coupler) - 1 No.					
	(a) Breaker „ON“ indicating light with back up 2A MCB fuse test terminal block, etc. as required.- 1 Set.					
	(IV) Interlocking					

	Electrical through advance contacts in MCCB (Incomers & Bus coupler) and mechanical (Castel key) interlocking should be provided to ensure that only one supply is available at a time on each section of bus and to eliminate any possible of accidentally approaching two supplies at one bus section.					
	(V) Outgoing :					
	250 Amps, 4 Pole, 36 KA, MCCB T/M Release (O/C, S/C) with Rotary handle & Spreader link -4 Nos..					
	200 Amps, 4 Pole, 36 KA, MCCB T/M Release (O/C, S/C) with Rotary handle & Spreader link - 2 Nos..					
	100 Amps, 4 Pole, 25 KA, MCCB T/M Release (O/C, S/C) with Rotary handle & Spreader link - 2 Nos..					
	63 Amps, 4 Pole, 25 KA, MCCB T/M Release (O/C, S/C) with Rotary handle & Spreader link - 2 Nos..	1.00	9,41,890.00	Each	-----	9,41,890.00
1.3	Essential Main Panel					
	Supplying, installation , testing & commissioning of cubicle type indoor LT Panel IP42 Enclosure suitable for 415 V, 3 Phase, 4 Wire 50 Hz AC supply system fabricated in compartmentalized (preferably) design from CRCA sheet steel of 2 mm thick for frame work and covers, 3 mm thick for gland, plates i/c cleaning & finishing complete with 7 tank process for powder coating in approved shade, having 500 Amp capacity extensible type TPN aluminium alloy bus bars of high conductivity, DMC/SMC bus bar supports, with short circuit withstand capacity of 31 MVA for 1 sec., bottom base channel of MS section not less than 100 mm X 50 mm X 5 mm thick, fabricated shall be done in transportable sections, entire panel shall have in transportable sections, entire panel shall have a common copper earth bar of size 25 mm X 5 mm at the rear with 2 Nos. earth stud, solid connections from main bus bar to switch gears with required size of AL. bus bars and control wiring with sq. mm PVC insulated copper conductors S/C cable, cable alleys, cable gland plates in two half, i/c providing following switch gears :-					
	(I) Incoming					
	250 Amps, 4 Pole, 50 KA, Microprocessor release MCCB with tripping features of O/C, E/F, S/C with extended rotary handle and spreader link - 1 Nos.					
	(a) Multifunctional meter with mode					

	selection button and push button type switches with CTs - 1 Sets					
	(b) R - Y - B Indicating lamp LED Type Lamp with fuse - 1 Sets					
	(II) Bus Bars :					
	4 Strip aluminium bus bars of minimum 400 Amps capacity of suitable cross section for achieving required current density with heat shrinkable coloured sleeves and i/c suitable size supports & their spacing etc.					
	(II) Outgoing :					
	160 Amps, 4 Pole, 25 KA, MCCB T/M Release (O/C, S/C) with Rotary handle & Spreader link - 1 Nos..					
	100 Amps, 4 Pole, 25 KA, MCCB T/M Release (O/C, S/C) with Rotary handle & Spreader link - 2 Nos..					
	63 Amps, 4 Pole, 25 KA, MCCB T/M Release (O/C, S/C) with Rotary handle & Spreader link - 2 Nos..					
	32 Amps, 4 Pole, 16 KA, MCCB T/M Release (O/C, S/C) with Rotary handle & Spreader link - 4 Nos..	1.00	2,04,208.00	Each	-----	2,04,208.00
1.4	Supplying installation testing and commissioning of 250A,415V, 4P On load manual changeover switch in sheet steel enclosure, Source separator, phase barrier included, suitable for horizontal as well as vertical mounting including fixing in wall etc. complete as required.	1.00	21,819.00	Each	-----	21,819.00
1.5	Supplying of one number XLPE insulated and PVC sheathed aluminium conductor armoured power cable of 1.1 KV grade with ISI marked (IS 7098 (Part - I) / 1988 with amendment up to date) following sizes.					
(a)	3½ X 120 sqmm	40.00	1,820.00	Metre	-----	72,800.00
(b)	3½ X 185 sqmm	100.00	2,703.00	Metre	-----	2,70,300.00
1.6	Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size in the existing RCC/ HUME/ METAL/HDPE pipe as required.					
(c)	Above 95 sq. mm and upto 185 sq. mm	80.00	97.00	Metre	7,760.00	-----
1.7	Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size in the existing masonry open duct / open area / loop / connection as required.					
(c)	Above 95 sq. mm and upto 185 sq. mm	80.00	80.00	Metre	6,400.00	-----

1.8	Supplying and laying of following size DWC HDPE pipe ISI marked along with all accessories like socket, bend, couplers etc. conforming to IS 14930, Part II complete with fitting and cutting, jointing etc..direct in ground (75 cm below ground level) including excavation and refilling the trench but excluding sand cushioning and protective covering etc., complete as required.					
(b)	90 mm dia (OD-90 mm & ID-76 mm nominal)	80.00	336.00	Metre	26,880.00	-----
1.9	Supplying and making end termination with brass compression gland and aluminium lugs for following size of PVC insulated and PVC sheathed / XLPE aluminium conductor cable of 1.1 KV grade as required.					
(a)	3½ X 120 sq. mm (45mm)	4.00	710.00	Each	2,840.00	-----
(b)	3½ X 185 sq. mm (57mm)	6.00	1,001.00	Each	6,006.00	-----
1.10	Supplying of 11 KV (E) grade aluminium conductor, cross linked polyethylene (XLPE) insulated individual core screened, flat steel/strip armoured PVC sheathed HT cable of following core and size conforming to IS 7098 / (Part 2) 1985 and ammended up to date etc. complete as required					
(a)	3 X 240 sqmm	40.00	4,506.00	Mtr	-----	1,80,240.00
1.11	Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 11 KV grade of following size in the existing RCC/ HUME/ METAL pipe as required.					
(a)	Above 120 sq. mm and upto 400 sq. mm	50.00	170.00	Mtr	8,500.00	-----
1.12	Supplying and making outdoor cable end jointing with cast resin compound, including lugs and other jointing materials, for following size of 3 core, XLPE aluminium conductor cable of 11 KV grade as required :					
(a)	240 sq. mm	4	7010.00	Each	28,040.00	-----
1.13	Providing and fixing of Gel-Chemical Earthing Electrode of copper made as K-Type copper tube as per following specification : Length - (3000 mm) DIA - 2.5" Wall Thickness - (1.6 mm) DIA-Terminal Strip Hole - (12 mm) And earth enhancing compound should be used to treat the soil for lowering the effective ground impedance 50 Kg for each earth pit to make it maintenance free and to minimize the ground voltage potential rise. i/c PVC earth pit chamber cover etc as reqd.	4	20833.00	Set	-----	83,332.00

1.14	Providing and fixing 25 mm X 5 mm copper strip in 40 mm dia G.I. pipe from earth electrode including connection with brass nut, bolt, spring, washer excavation and re-filling etc. as required.	30	1638.00	Mtr	49,140.00	-----
1.15	Providing and fixing 25 mm X 5 mm copper strip on surface or in recess for connections etc. as required.	1	1246.00	Mtr	1,246.00	-----
	[Dismantle and buyback of Transformer]					
1.16	Dismantling and buyback of old existing 160 KVA Transformer including labour charges completed as required.	1	-200000.00	Job	-----	-2,00,000.00
	Total				136812.00	4798169.00
	Add Cost Index of Guwahati i.e. 119 based on PAR'23 (Base as 100) issued by ADG, Guwahati vide letter No. 17(6)/ADG(G)/Works/2024/1798(H) Dated 02.08.2024 Modified Cost Index on PAR'2025 / DSR'25 (Base 103 on PAR'23) $[(119-103)/103 \times 100] = 15.53\%$ [Considered on DSR'25 Items]				21247.00	-----
	Total				158059.00	47,98,169.00
	Total of DSR + MR				4956228.00	
	Grand Total				4956228.00	

Executive Engineer(E)