



**GOVERNMENT OF INDIA  
CENTRAL PUBLIC WORKS DEPARTMENT**

O/o the Executive Engineer (E)-I  
I st Floor, 'C' Wing, Kendriya Sadan,  
Koramangala, Bangalore – 560034

Fax No.: 080-25500930, Tel. Office: 080-25521181, E-mail:  
[bedcpwdbng@gmail.com](mailto:bedcpwdbng@gmail.com)



**NOTICE INVITING E-tender**

**NIT No. 46/EE(E)-I/Bangalore/2026-27(1<sup>st</sup> Recall)**

**Name of work: Providing of 25 KVA DG Set with allied works for Kendriya Vidyalaya at KR Puram, Bangalore..**

**Estimated cost: Rs. 6,69,841/-**

**INDEX**

|    |                                                             |            |
|----|-------------------------------------------------------------|------------|
| 1  | Front cover and Index                                       | 1          |
| 2  | Information and Instructions to Contractors for e-tendering | 2 to 5     |
| 3  | List of Mandatory Documents to be scanned and uploaded      | 6          |
| 4  | List of Documents to be submitted after acceptance          | 7          |
| 5  | Brief Particular of the work                                | 8          |
| 6  | Minimum Eligibility Criteria For Specialized Works          | 9 to 11    |
| 7  | Annexure-A (Receipt of deposition of original EMD)          | 12         |
| 8  | Letter of Transmittal (Annexure-II)                         | 13         |
| 9  | Form of Performance Security                                | 14 to 15   |
| 10 | Form N, P and Q                                             | 16 to 18   |
| 11 | CPWD-6 for e- Tendering                                     | 19 to 25   |
| 12 | CPWD - 7 & Schedule A to F                                  | 26 to 35   |
| 13 | Amendments to GCC 2023 Construction works                   | 36 to 83   |
| 14 | General conditions                                          | 84 to 87   |
| 15 | Commercial conditions                                       | 88 to 90   |
| 16 | Additional conditions and specification                     | 91 to 103  |
| 17 | Manufacturers Authorization Certificate (MAF)               | 104        |
| 18 | List of preferred makes of materials                        | 105 to 106 |
| 19 | Annexure -I Location and Address of officer                 | 107        |
| 20 | Schedule of Work                                            | 108 to 113 |

Certified that this e - NIT contains 1 - 113 Pages including index Page

**Executive Engineer (E)-I  
Central P.W.D, Bangalore**

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

**(Applicable for inviting tenders in Single bid system)**

The Executive Engineer (E)-I, Central. P.W.D, 1<sup>st</sup> Floor, 'C' Wing, Kendriya Sadan, Koramangala, Bangalore-34 **Phone No. 080-25500930., Tele Fax no. 080-22861570 (Email: cpwdbed2@kar.nic.in, bedcpwdbng@gmail.com)** for and on behalf of the President of India invites online **Percentage Rate** tenders from **approved and eligible enlisted** Contractors of CPWD in appropriate Class [Contractors (Class-II and above) and Contractors of [Class-III and below only SR Region Enlisting in SDG(Chennai), ADG(Kochi), ADG(Bengaluru) and ADG(Hyderabad)] for the following work in **Single Bid System**.

**TABLE - 1.0**

| S.N | Particulars                           | Particulars                                                                                        |
|-----|---------------------------------------|----------------------------------------------------------------------------------------------------|
| 1   | Draft NIT No.                         | <b>46/EE(E)-I/Bangalore/2026-27(1<sup>st</sup> Recall)</b>                                         |
| 2   | Name of work & Location               | <b>Providing of 25 KVA DG Set with allied works for Kendriya Vidyalaya at KR Puram, Bangalore.</b> |
| 3   | Estimated cost put to tender (In Rs.) | <b>Rs. 6,69,841/-</b>                                                                              |
| 4   | Earnest money (In Rs.)                | <b>Rs. 13,397/-</b>                                                                                |
| 5   | Period of Completion                  | <b>02 (Two)Months</b>                                                                              |
| 6   | Last date & time of upload of bids.   | <b>22/07/2026 up to 15.00Hrs.</b>                                                                  |
| 7   | Date & time of opening of bid.        | <b>22/07/2026 on 15.30Hrs.</b>                                                                     |

1. The intending bidder must read the terms and conditions of CPWD-6 carefully. He should only submit his bid if he considers himself eligible and he is in possession of all the documents required.
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 [www.tenderwizard.com/CPWD](http://www.tenderwizard.com/CPWD) or [www.cpwd.gov.in](http://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 (for balance amount as prescribed) from any of the Commercial Bank towards **EMD in favour of the Executive Engineer (E), BCED-II, CPWD, Bangalore**, receipt for deposition of original EMD to division office of any Executive Engineer (including NIT issuing EE/AE), CPWD 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 the 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 JPG format and PDF format.
9. Contractor must ensure to **quote rate of percentage rate**. The column meant for quoting rate in figures appears in Yellow 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 / subhead in percentage rate tender, the tender shall be treated as invalid and will not be considered as lowest tenderer.

10. Contractor should quote the percentage above or below at par ECPT to two places of decimal only.
11. **Any dispute arising out of this tender including dispute related to encashment of any Bank Guarantee/ FDR etc., shall be subject to the jurisdiction of courts of Karnataka State only.**
12. GST on all materials as well as GST on Work Contract and Labour Welfare Cess
13. etc., or any other tax applicable in respect of this contract shall be payable by the Contractor. Rate quoted by him shall be inclusive of such taxes, levies etc. and Government will not entertain any claim for reimbursement whatsoever in respect of the same.
14. The department reserves the right to reject any prospective application without assigning any reason and to restrict the list of qualified contractors to any number deemed suitable by it, if too many tenders are received satisfying the laid down criterion.

15. Online bid documents submitted by intending bidders shall be opened only of those bidders, whose receipt of original EMD deposited with any division of CPWD and other documents scanned and uploaded are found in order.
16. The bid submitted shall be opened at **15:30 Hrs. on 22/07/2026**
17. **The bidders are advised to visit the site to have more clarity about the site conditions and availability of space for execution of the work.**
18. The Intending bidders are advised to inspect and examine the site and its surroundings and satisfy themselves before submitting their tenders as to the nature of the ground and sub- soil (so far as is practicable), the form and nature of the site, the means of access to the site, the accommodation they may require and in general shall themselves obtain all necessary information as to risks, contingencies and other circumstances which may influence or affect their tender. A tenderer shall be deemed to have full knowledge of the site whether he inspects it or not and no extra charge consequent upon any misunderstanding or otherwise shall be allowed.

The tenderer shall be responsible for arranging and maintaining at his own cost all materials, tools & plants, water, electricity access, facilities for workers and all other services required for executing the work unless otherwise specifically provided for in the contract documents. Submission of a tender by a tenderer implies that he has read this notice and all other contract documents and has made himself aware of the scope and specifications of the work to be done and 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

19. 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. 080-25534963, Tele Fax no. 080-25502762, (**Email: [bedcpwdbng@gmail.com](mailto:bedcpwdbng@gmail.com)**) or ERP help line No. 18001803286 or e-mail id [cpwd.support@techmahindra.com](mailto: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.
20. Approved and eligible contractors of CPWD of appropriate class & category shall have valid Electrical license from competent authority in the name of contractor or an undertaking that they will either obtain valid electrical license at the time of execution of electrical work or associate with contractors having valid electrical license of eligible class.
21. The contractor submitting the tender should read the schedule of quantities, additional conditions, additional specifications, particular specifications and other terms and conditions given in the NIT ~~and drawings~~. The tenderer should also read the applicable General conditions of Contract mentioned in the **Schedule-E**, which is available as Government of India Publications. The set of drawings and NIT shall be available with the **Executive Engineer (E) -I, CPWD, Bangalore**. The contractor should also visit the site of work and acquaint himself

with the site conditions before tendering. ~~The following conditions, which already form part of the tender conditions, are specially brought to his notice for compliance while filling the tender.~~

22. Intending tenderers shall in their own interest read all the items and bring omissions and errors / to the notice of the NIT inviting authority and no claim what so ever shall be entertained after opening of the tender. The decision of the said authority shall be final and binding in all such cases
23. ~~Pre bid conference will be held in the Office of Chief Engineer, CPWD, Bangalore at 11:00 Hrs. on \*\*\*\*\* to clear the doubts of intending bidders, if any. Bidders shall send their queries before pre bid meeting latest by 16.00 Hrs on \*\*\*\*\* to the Office of Executive Engineer (E) -I, CPWD, Bangalore (e-mail id, Bedcpwdbng@gmail.com, bedcpwdbng@gmail.com) and Postal address of EE is "The Executive Engineer (E) -I, CPWD, 1<sup>st</sup> Floor, 'C' Wing, Kendriya Sadan, Koramangala, Bangalore - 560 034~~
24. The bid submitted shall become invalid if:
- i) The bidders is found ineligible.
  - ii) The bidders does not upload scanned copy of deposited original EMD along with Annexure-A receipt with Division office of any Executive Engineer ,CPWD(The EMD document shall only be issued from the place in which the office of receiving division office is situated.)
  - iii) The bidders does not upload all the documents as stipulated in the bid document.

**23. List of Mandatory Documents to be scanned and uploaded in JPG format or PDF format within the period of bid submission:**

|    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1  | Insurance Surety Bonds, Account Payee Demand Draft or Banker's Cheque or Fixed Deposit Receipts or/and Bank Guarantee (for balance amount as prescribed) from any of the Commercial Bank towards EMD in favour of <b>the Executive Engineer (E), BCED-II, CPWD, Bangalore.</b>                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 2. | Copy of Receipt for deposition of Original EMD issued from any Division office of CPWD where bidder deposited EMD (format of deposition receipt should be as per <b>Annexure-A</b> )                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 3. | <b>Copy of Enlistment Order in appropriate Class and Category</b> issued by CPWD, Contractors (Class-II and above) and CPWD Enlisted Contractors of [Class-III and below only SR Region Enlisting in SDG(Chennai), ADG(Kochi), ADG(Bengaluru) and ADG(Hyderabad)]                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 4. | <p><b>GST</b> registration certificate, if already obtained by the bidder.</p> <p style="text-align: center;"><b>OR</b></p> <p>If the bidder has not obtained GST registration as applicable, then he shall scan and upload following undertaking along with bid documents.</p> <p>"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"</p> |
| 5. | <b>Letter of Transmittal</b> in the format as per <b>Annexure-II</b> of this section.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 6. | The agency must upload the ERP Training certificate of self or his / her authorized representative regarding successful completion of ERP Training from ERP portal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |

**24. List of Documents to be submitted after acceptance:**

|    |                                                                                                                                                                                                                                                                                                                                                                                      |
|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. | Licenses/ Registrations or proof of applying for labour licenses, registration with EPFO, ESIC & BOCW Welfare Board                                                                                                                                                                                                                                                                  |
| 2. | Program Chart (Time and Progress)                                                                                                                                                                                                                                                                                                                                                    |
| 3. | Valid <b>(THROUGH OUT THE CONTRACT PERIOD WITH OUT ANY LAPSE)</b> Electrical License Issued by Competent Authority in the name of the contractor or an undertaking 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 of execution of all electrical works |

**Executive Engineer (E) -I  
Central. P.W.D, Bangalore**

**GOVERNMENT OF INDIA  
CENTRAL PUBLIC WORKS DEPARTMENT**

No. 69(1)/2026/EE(E)-I/Bangalore/1518(H)

Dated: 15/07/2026

Copy to:-

1. The Chief Engineer, CPWD, Bangalore for information please.
2. The Executive Engineer-I/II/III/CPWD, Bangalore and EE/EE(E ), CPWD, Mysore.
3. All Assistant Engineer's under EE(E)/ CPWD/ Bangalore.
4. AAO/ OS/ Cashier/ Auditor of EE(E)/Bangalore, CPWD, Bangalore
5. Notice Board/ Planning Board.

**Executive Engineer (E) -I**

**BRIEF PARTICULARS OF THE WORK**

1. Salient details of the work for which bids are invited are as under:

| <b>Sl. No.</b> | <b>Name of Work</b>                                                                                 | <b>Estimated Cost</b> | <b>Period of completion</b> |
|----------------|-----------------------------------------------------------------------------------------------------|-----------------------|-----------------------------|
| 1              | <b>Providing of 25 KVA DG Set with allied works for Kendriya Vidyalaya at KR Puram, Bangalore..</b> | <b>Rs. 6,69,841/-</b> | <b>02 (Two) Months</b>      |

2. The work site is situated at **Kendriya Vidyalaya at KR Puram, Bangalore...**
3. Work shall be executed according to General conditions of Contract mentioned in schedule A to F and conditions of this contract document.

**THE MINIMUM ELIGIBILITY CRITERIA FOR SPECIALIZED WORKS WHEREVER  
APPLICABLE**

| Sl. No. | Component of E&M works               | Estimated cost Rs. (in lakhs) | Minimum Eligibility                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|---------|--------------------------------------|-------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1       | <b>SITC of DG set with AMF panel</b> | <b>4.59 Lakhs</b>             | <p>The main contractor, if does not fulfil the criteria himself, shall have to associate with specialized agency fulfilling the following eligibility criteria having successfully completed during last seven years ending up to previous day of last date of submission of tender as given below with completion certificate issued by an officer not below the rank of Executive Engineer or Equivalent duly attested.</p> <p>Three similar completed works each of value not less than Rs. 1.84 lakhs</p> <p style="text-align: center;">OR</p> <p>Two similarcompleted works each of value not less than Rs. 2.75 lakhs</p> <p style="text-align: center;">OR</p> <p>One similarcompleted work of value not less than Rs. 3.67 lakhs</p> <p>Similar work shall mean " <b>"SITC of DG Set with individual capacity of DG set not less than 20 KVA"</b>.</p> <p>However, the Composite category contractor shall also be eligible to carry out himself without associating any specialized agency provided:</p> <p>(a) He fulfills the prescribed eligibility criteria respectively for this work</p> <p style="text-align: center;">Or</p> <p>(b) He directly procures the equipment of approved make from manufacturer and gets it installed from authorized agency / service provider of the manufacturer / specialized agency, all as per the eligibility criteria mentioned as above</p> |

|   |                                  |                   |                                                                                                                                                                                                                                                                                                      |
|---|----------------------------------|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2 | <b>Cabling and Earthing work</b> | <b>2.10 Lakhs</b> | The main contractor if not eligible himself, shall associate with eligible contractor registered in composite category in CPWD for execution of this Sub head of work, possessing valid Electrical Contractor License of appropriate Voltage issued by Electrical. Inspectorate/Licensing authority. |
|---|----------------------------------|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

**Note:1**

If main Agency is not executed / partially executed any of the subhead of works/ Item of the above works shall be recovered double the rate as mentioned in the particular item/ subhead of item of the schedule of work.

**Note:2**

- i) 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 previous day of last date of submission of tender. For other conditions, refer special conditions specified in Part B.
- ii) The completion certificate issued by an officer not below the rank of Executive Engineer or equivalent duly attested shall only be considered.
- iii) The applicant shall either himself meet the eligibility conditions for the respective SPECIALIZED 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 "N"** given in Part A of this tender document within 7 days of award of work OR before start of specialized E&M and Civil component of work whichever is earlier.
- iv) The applicant/ main contractor has to submit consent letters as per **Form "P"**, given in Part A 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 7 days of award of work OR before start of specialized, E&M and Civil component of work whichever is earlier.
- v) The main contractor will submit MOU signed with eligible associated contractor. The MOU in the enclosed Form "Q" shall be signed by both the contractors, i.e. main contractor as 1<sup>st</sup> party and associated contractor as 2<sup>nd</sup> party, independently for EACH specialized E&M and Civil component, specified as above.
- vi) If the main contractor fails to associate agency for execution of specialized/ E&M and Civil components of work within 7 days of award of work OR before start of specialized/ E&M and Civil 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.

- vii) 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/ E&M and Civil component of work whichever is earlier. Valid Electrical license, as the case may be, duly attested by the applicant shall also be submitted within 7 days of award of work OR before start of specialized/ E&M and Civil component of work whichever is earlier.
- viii) Self-attested GST registration documents in respect of the associated agencies shall be submitted within 7 days of award of work or before start of specialized / E&M and Civil component of work whichever is earlier.

**Note:3 For DG set:**

- i) Associate agency must submit Written commitment from OEM/OEA to supply the DG Sets and delivery schedule as per requirement of department.
- ii) Necessary Certificate from OEM/OEA or authorized service provide of engine manufacturer for satisfactory installation and commissioning of DG Set after completion of the work.
- iii) Required Guarantee of DG Set from OEM/OEA in favour of Engineer-in-charge to cover defect liabilities.
- iv) An undertaking that mandatory free service is carried out during the guarantee period by the authorized service provider of engine manufacturer

**PROFORMA OF RECEIPT OF ORIGINAL EMD**

1. The EE/ Engineer in charge/DDH of any divisions/projects of CPWD or any other officer designated by CPWD Directorate from time to time, are authorised to receive the EMDs. These authorities should receive the original EMD for their tenders or tenders of any other division/projects.
2. The NIT approving authority/Tender inviting authority at the time of issue of NIT shall also fill and upload the following prescribed format of receipt of deposition of original EMD along with NIT :-

| <b>RECEIPT OF DEPOSITION OF ORIGINAL EMD</b><br><b>(Receipt No. .... / date .....)</b>                                                                                                                     |                                               |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|
| <b>1.Name of work: Providing of 25 KVA DG Set with allied works for Kendriya Vidyalaya at KR Puram, Bangalore..</b>                                                                                        |                                               |
| <b>2. NIT No – 46/EE(E)-I/Bangalore/2026-27(1<sup>st</sup> Recall)</b>                                                                                                                                     |                                               |
| <b>3. Estimated cost: Rs. 6,69,841/-</b>                                                                                                                                                                   |                                               |
| <b>4. Amount of Earnest Money Deposit : Rs.13,397/- (Rupees Thirteen Thousand Three Hundred and Ninety Seven Only)</b>                                                                                     |                                               |
| <b>5. Last date of submission of bid: 22/07/2026 upto 15:00 Hours</b><br><b>(*To be filled by tender inviting authority/NIT approving authority at the time of issue of NIT and upload along with NIT)</b> |                                               |
| <b>1.</b>                                                                                                                                                                                                  | <b>Name of Contractor .....</b>               |
| <b>2.</b>                                                                                                                                                                                                  | <b>Form of EMD .....</b>                      |
| <b>3.</b>                                                                                                                                                                                                  | <b>Amount of Earnest Money Deposit .....</b>  |
| <b>4.</b>                                                                                                                                                                                                  | <b>Date of submission of EMD .....</b>        |
| <b>5.</b>                                                                                                                                                                                                  | <b>Email ID of EMD receiving officer.....</b> |
| <b>6.</b>                                                                                                                                                                                                  | <b>Office Phone number.....</b>               |
| <b>Signature, Name and Designation of EMD</b><br><b>receiving officer</b><br><b>along with Office stamp</b>                                                                                                |                                               |
| <b>(#To be filled by EMD receiving EE/DDH)</b>                                                                                                                                                             |                                               |

3. The Authority receiving EMD in original form shall examine the EMD deposited by the bidder and shall issue receipt of deposition of earnest money to the agency in a given format uploaded by tender inviting authority. The receipt may be issued by any subordinate gazetted authority as authorised by the EE/Engineer in charge/DDH.
4. The authority receiving original EMD shall also intimate tender inviting authority about deposition of EMD by the agency by email/fax/telephonically.
5. The original EMD receiving authority shall release the EMD to unsuccessful bidders after the expiry of stipulated bid validity period or immediately after acceptance of the successful bidder, whichever earlier, after verification from the e-tendering portal website (<https://etender.cpwd.gov.in>>closedTender>all) that the particular contractor is not L-1 tenderer and work is awarded.
6. The tender inviting authority will call for original EMD of the L1 tenderer from EMD receiving authority immediately.

**LETTER OF TRANSMITTAL**

**From:**

**To**

The Executive Engineer(E)-I,  
CPWD, Bangalore.

**Subject: Providing of 25 KVA DG Set with allied works for Kendriya Vidyalaya at KR Puram, Bangalore..**

Sir,

Having examined details given in tender notice and bid document for the above work, I/wehereby submit the bid along with all required information and documents.

1. I/We hereby certify that all the statements made and information supplied by me/us are true and correct.
2. I/ We have furnished all information and details necessary for bid and have no furtherpertinent information to supply.
3. I/We also authorize Executive Engineer (E)-I, CPWD, Bangalore to approach individuals, employers, firms and corporation to verify our details, if required.
4. Certificate: It is certified that the information given by me/us in the bid are correct. Itis also certified that I/We shall be liable to be debarred, disqualified/ cancellation of enlistment in case any information furnished by me/us is found to be incorrect.
5. Contact Details of our authorized representative are as under:

Name

Mobile Number:

Email id:

Contact Address:

Name of Bidder :

Contact Address :

Email Id of Bidder :

Mobile Number of Bidder(s):

Signature(s) of Bidder(s)

Seal of bidder

**On non-judicial stamp paper of minimum Rs.100**

(Guarantee offered by Bank to CPWD in connection with the execution of contracts)  
**Form of Bank Guarantee for Earnest Money Deposit/ Performance Guarantee /  
Security Deposit / Mobilization Advance**

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

**OR\*\***

- Whereas the Executive Engineer ..... (name of division) ....., CPWD on behalf of the President of India (hereinafter called "The Government") has entered into an agreement bearing number ..... with ..... (name and address of the contractor) ..... (hereinafter called "the Contractor") for execution of work..... (name of work) ..... The Government has further agreed to accept an irrevocable Bank Guarantee for Rs. .... (Rupees ..... only) valid upto ..... (date) ..... as **Performance Guarantee / Security Deposit / Mobilization Advance** from the said Contractor for compliance of his obligations in accordance with the terms and conditions of the agreement.
2. We, ..... (indicate the name of the bank) ..... (herein after referred to as "the Bank"), hereby undertake to pay to the Government an amount not exceeding Rs. .... (Rupees ..... only) on demand by the Government within 10 days of the demand.
3. We, ..... (indicate the name of the Bank) ....., do here by undertake to pay the amount due and payable under this guarantee without any demur, merely on a demand from the Government stating that the amount claimed is required to meet the recoveries due or likely to be due from the said Contractor. Any such demand made on the Bank shall be conclusive as regards the amount due and payable by the Bank under this Guarantee. However, our liability under this guarantee shall be restricted to an amount not exceeding Rs..... (Rupees ..... only).
4. We,..... (indicate the name of the Bank) ....., further undertake to pay the Government any money so demanded notwithstanding any dispute or disputes raised by the contractor in any suit or proceeding pending before any Court or Tribunal, our liability under this Bank Guarantee being absolute and unequivocal. The payment so made by us under this Bank Guarantee shall be a valid discharge of our liability for payment there under and the Contractor shall have no claim against us for making such payment.
5. We, ..... (indicate the name of the Bank) ....., further agree that the Government shall have the fullest liberty without our consent and without affecting in any manner our obligation here under to vary any of the terms and conditions of the said agreement or to extend time of performance by the said Contractor from time to time or to postpone for any time or from time to time any of the powers exercisable by the Government against the said contractor and to forbear or enforce any of the terms and conditions relating to the said

agreement and we shall not be relieved from our liability by reason of any such variation or extension being granted to the said Contractor or for any forbearance, act of omission on the part of the Government or any indulgence by the Government to the said Contractor or by any such matter or thing whatsoever which under the law relating to sureties would, but for this provision, have effect of so relieving us.

6. We, ..... (indicate the name of the Bank) ....., further agree that the Government at its option shall be entitled to enforce this Guarantee against the Bank as a principal debtor at the first instance without proceeding against the Contractor and notwithstanding any security or other guarantee the Government may have in relation to the Contractor's liabilities.
7. This guarantee will not be discharged due to the change in the constitution of the Bank or the Contractor.
8. We, ..... (indicate the name of the Bank) ....., undertake not to revoke this guarantee except with the consent of the Government in writing.
9. This Bank Guarantee shall be valid up to ..... unless extended on demand by the Government. Notwithstanding anything mentioned above, our liability against this guarantee is restricted to Rs. .... (Rupees ..... only) and unless a claim in writing is lodged with us within the date of expiry or extended date of expiry of this guarantee, all our liabilities under this guarantee shall stand discharged.

**Date .....**

**Witnesses:**

- |                                                          |                                                                                                       |
|----------------------------------------------------------|-------------------------------------------------------------------------------------------------------|
| 1. <b>Signature .....</b><br><br><b>Name and address</b> | <b>Authorized signatory</b><br><br><b>Name</b><br><br><b>Designation</b><br><br><b>Staff code No.</b> |
| 2. <b>Signature .....</b><br><br><b>Name and address</b> | <b>Bank seal</b>                                                                                      |

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

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

**PROPOSAL FOR ELIGIBLE ASSOCIATING AGENCIES FOR MAJOR COMPONENTS OF WORK**

I/we hereby propose the following agencies as mentioned against each for executing corresponding Major components of work. Their consent letters are also attached.

| Sl. No | Name of Associated Contractor    | Category and class of registration | Enlistment copy/completion Certificates attached | Monetary Limit of work | Validity of registration | Consent Letter Attached (Yes/No) |
|--------|----------------------------------|------------------------------------|--------------------------------------------------|------------------------|--------------------------|----------------------------------|
| 1      | <b>DG set with AMF panel</b>     |                                    |                                                  |                        |                          |                                  |
| 2      | <b>Cabling and Earthing work</b> |                                    |                                                  |                        |                          |                                  |
| 3      |                                  |                                    |                                                  |                        |                          |                                  |

*Note: Self-Attested photocopies of enlistment order, valid license, work experience certificates of each agency for each component of specialized work shall be submitted.*

Signature of contractor

**CONSENT LETTER FROM ELIGIBLE ASSOCIATE AGENCY OF MAJOR COMPONENT OF WORK**

**Name of work:**      **Providing of 25 KVA DG Set with allied works for Kendriya Vidyalaya at KR Puram, Bangalore..**

I / We hereby give my consent to associate with M/s .....,  
for

executing the Major 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 Major 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 Major component of the work as required for the work. I / We will attend inspection of officers of the department as and when required.

Date:

Signature with date of Major component  
Associate/

Minor Component Contractor

Signature with date of

Contractor

Address

Address

Witness with address

(From major component contractor side)

Witness with address

(From minor component contractor side)

**Affidavit of Memorandum of Understanding (MoU)**

(to be submitted for each and every Specialized component(s))

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

Enlistment Status:

Valid Up to:

(Henceforth called the Main Contractor)

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

Enlistment Status:

Valid up to:

(Henceforth called Associated Contractor)

For the execution of Specialized component(s) of work –

**Name of work: Providing of 25 KVA DG Set with allied works for Kendriya Vidyalaya at KR Puram, Bangalore..**

We state that MoU 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 shall 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, Bangalore. His decision shall be final and binding on both of us.

We have agreed as under:

The Associated Contractor will execute all specialized components in the wholesome manner as per terms and conditions of the agreement.

The Associated Contractor shall be liable for disciplinary action if he fails to discharge the action(s) and other legal action as per agreement.

All the machinery and equipment's, tools and tackles required for execution of the specialized component, as per agreement, shall be the responsibility of the Associated Contractor.

The site staff required for the specialized component shall be arranged by the Associated Contractor as per terms and conditions of the agreement.

SIGNATURE OF MAIN CONTRACTOR

SIGNATURE OF ASSOCIATED AGENCY

Date :

Date :

Place :

Place :

1. Witness with address

2. Witness with address

(From main contractor side)

(From Associated agency side)

## **CPWD-6 FOR E-TENDERING**

1. The Executive Engineer (E) -I, Central. P.W.D, 1<sup>st</sup> Floor, 'C' Wing, Kendriya Sadan, Koramangala, Bangalore-34 **Phone No. 080-25500930., Tele Fax no. 080-22861570 (Email: cpwdbed2@kar.nic.in, bedcpwdbng@gmail.com)** on behalf of the President of India invites online **percentage rate** composite bids from CPWD enlisted contractors of appropriate class and category for the work of:

**“Providing of 25 KVA DG Set with allied works for Kendriya Vidyalaya at KR Puram, Bangalore..”**

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. 6,69,841/-** . 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.
2. Agreement shall be drawn with the successful bidders on prescribed Form No. **CPWD 7** as amended up to the last date of submission of bid, which is available as a Govt. of India Publication and also available on website [www.cpwd.gov.in](http://www.cpwd.gov.in). Bidders shall quote his rates (inclusive of GST and 1% labour Welfare Cess) 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 **02 (Two) 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.
5. The bid document consisting of 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 from website [www.tenderwizard.com/CPWD](http://www.tenderwizard.com/CPWD) or [www.cpwd.gov.in](http://www.cpwd.gov.in) free of cost.
6. After submission of the bid, the bidder 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, bidder can revise the quoted rate any number of times but before last time and date of submission of bid as notified.
8. When bids are invited in three stage system and if it is desired to submit revised

financial bid then it shall be mandatory to submit revised financial bid. If not submitted then the bid submitted earlier shall become invalid.

9. Earnest Money in the form of Insurance Surety Bonds, Account Payee Demand Draft, Fixed Deposit Receipt, Banker's Cheque or Bank Guarantee including e-Bank Guarantee (for balance amount as prescribed) from any of the Commercial Banks towards EMD in **favour of Executive Engineer(E), BCED-II, CPWD, Bangalore** shall be scanned and uploaded to the e-Tendering website within the period of bid submission. The original EMD should be deposited either in the office of Executive Engineer inviting bids or Division office of any Executive Engineer, CPWD within the period of bid submission. The EMD receiving Executive Engineer (including NIT issuing EE/AE) shall issue a receipt of deposition of Earnest Money deposit to the bidder in a prescribed format (enclosed Annexure "A") uploaded by tender inviting EE in the NIT. The receipt shall also be uploaded to the e-Tendering web site by the intending bidder up to the specific bid submission date and time.

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

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 other documents as specified in the notice inviting e-tender shall be scanned and uploaded to the e-Tendering website within the period of bid submission. **However, certified copy of all the scanned and uploaded documents as specified in 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 15:30 Hours on 22/07/2026 in the office of the Executive Engineer(E) -I, Central P. W.D, Bangalore.**

10. The bid submitted shall become invalid and e-Tender processing fee (if

applicable) 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 tender 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.

(OM No. DG/SOP 2022/07 dated 09.11.2022)

11. **The contractor, whose bid is finally accepted, will be required to furnish performance guarantee** 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 to ensure the compliance of aforesaid provisions by the sub-contractors, if any engaged by the contractor for the said work and programme Chart (Time & Progress) within the period specified in schedule F.**

12. **The description of the work is**

**“ Providing of 25 KVA DG Set with allied works for Kendriya Vidyalaya at KR Puram, Bangalore.....”**

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 claims / payments 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 bidder 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 mentioned if any, in this tender document 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 assigning any reason. All bids in which any of the prescribed conditions are 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 bids is strictly prohibited and the bids submitted by the tenderers who resort to canvassing will be liable to 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 tenderer 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 as Divisional Accountant or as an officer in any capacity between the grades of Superintending Engineer and Junior Engineer (both inclusive). He shall also intimate the names of persons who are working with him in any capacity or are subsequently employed by him and who are near relatives to any gazetted officer in the Central Public Works Department or in the Ministry of Urban Development. Any breach of this condition by the tenderer 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 has 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 **thirty (30) days** from the due 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 modifications in the terms & condition 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 terms and 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 bidder 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 / tenderer, on acceptance of his bid by the Accepting Authority shall within 15 days from the stipulated date of start of work, sign the agreement consisting of:
  - (a) The Notice Inviting Bid, all the documents including special conditions, additional conditions, particular 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 & the applicable General Conditions of Contract mentioned in the Schedule-E as modified and corrected upto previous day of the last date of submission of the tender.
- 19.1.1. 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.
- 19.1.2. The bid document will include following three components

**Composite Bids:-**

- Part A:** CPWD-6, CPWD-7 including schedule A to F for the major component of the work. Standard General Conditions of Contract for **CPWD 2023 for Construction works** as amended/modified up to the last date of submission of the bid.
- Part B:** General/Special conditions, particular specifications (Electrical component). General/specific conditions, specifications.
- Part C:** Schedule A to F for minor component of the work (competent authority under clause 2 and clause 5 shall be same authority as mentioned in schedule A to F for major components), General/specific conditions, specifications and schedule of quantities applicable to minor component(s) of the work.
- Part D:** Schedule of quantities applicable for the work, proforma for quoting the rates
- 19.1.3. The bidders must associate himself, with agencies as per NIT conditions.
- 19.1.4. The eligible bidders shall quote rates for all items of major component as well as for all items of minor components of work.
- 19.1.5. 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 in charge of minor components. One such signed set of agreement shall be handed over to EE in charge of minor component(s). EE of major component will operate **Part A** and **Part B** of the agreement. EE in-charge of the minor component shall operate **Part C** along with **Part A** of the agreement.

- 19.1.6. Entire work under the scope of composite bid including major and all minor components shall be executed under one agreement.
- 19.1.7. Security Deposit will be worked out separately for each component corresponding to the estimated cost of the respective component of works.
- 19.1.8. The main contractor has to associate agencies for specialized 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 relevant component(s). Within prescribed time. Name of the agency(s) to be associated shall be approved by Engineer-in-charge of relevant component(s).
- 19.1.9. 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).
- 19.1.10. 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.
- 19.1.11. The main contractor has to enter into MoU with agency(s) associated by him. Copy of such MOU shall be submitted to EE in charge of each relevant component as well as to EE in charge of major component. In case of change of associate contractor, the main agency(s) has to enter into MoU /agreement with the new contractor.
- 19.1.12. 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.
- 19.1.13. 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.
- 19.1.14. 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.

**19.1.15.** Goods and Service Tax (GST) applicable in respect of this contract shall be payable by the contractor and Government will not entertain any claim whatsoever in respect of the same.

**GOVERNMENT OF INDIA  
CENTRAL PUBLIC WORKS DEPARTMENT**

**STATE : KARNATAKA  
DIVISION: EE (E)-I**

**ZONE : BANGALORE ZONE  
BRANCH : B & R**

**PERCENTAGE RATE TENDER & CONTRACT FOR WORKS**

**Tender for the work of: Providing of 25 KVA DG Set with allied works for  
Kendriya Vidyalaya at KR Puram, Bangalore..**

- (i) **To be submitted / uploaded by 15:00 hours on 22/07/2026 upload at  
<https://etender.cpwd.gov.in / cpwd>**
- (ii) **To be opened in presence of tenderers who may be present at 15:30  
hours on 22/07/2026 in the office of the Executive Engineer(E) -I,  
CPWD, Bangalore-560034.**

**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 Thirty (30) days from the due date of its opening 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.

If I/We, fail to furnish the prescribed performance guarantee within prescribed period. 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 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 of the tender form. Further, I/We agree that in case of forfeiture of Earnest Money & Performance Guarantee as aforesaid, I/We shall be debarred for participation in the re-tendering process of the work.

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

**Dated:**

**Signature of Contractor**

**Witness:**

**Postal Address**

**Address :**

**Occupation :**

### **ACCEPTANCE**

The above tender (as modified by you as provided in the letters mentioned hereunder) is accepted by me for an on behalf of the President of India for a sum of Rs.....\* .....Rupee.....\* .....  
.....).

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

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

**For & on behalf of the President of India**

**Signature .....\***

**Dated: .....\***

**Designation .....\***

## PROFORMA OF SCHEDULES

(Separate Proforma for Civil, Elect. & Hort. Works in case of Composite Tenders) (Operative Schedules to be supplied separately to each intending tenderer)

### SCHEDULE 'A'

**Schedule of quantities** : As per Schedule attached

**SCHEDULE 'D'** : Extra schedule for specific requirements / documents for the work, if any – As per NIT

**SCHEDULE 'E'** : Reference to General Conditions of Contract: ~~(GCC EPC Projects 2022/ GCC Maintenance Works 2023/GCC Construction works 2023)~~

Applicable GCC is **GCC Construction Works 2023** as modified and corrected upto previous day of the last date of submission of the tender.

**Name of work** : **"Providing of 25 KVA DG Set with allied works for Kendriya Vidyalaya at KR Puram, Bangalore.."**

**Estimated cost of work** : **Rs. 6,69,841/-**

(i) Earnest Money : **Rs.13,397/- (to be returned after receiving PG)**

(ii) Performance Guarantee : (a) 5% of tendered value or Estimated Cost Put to Tender (ECPT) (whichever is higher).

(b) Where the tendered amount is less than eighty percent (80%) of the Estimated Cost Put to Tender (ECPT), the Performance Guarantee, in addition to the requirement under (a) above, shall be increased by an amount equal to the difference between eighty percent (80%) of the ECPT and the tendered amount.

(iii) Security Deposit : 2.5% of composite tendered value

### SCHEDULE 'F'

#### GENERAL RULES & DIRECTIONS

Officer inviting tender : Executive Engineer (E)-I, CPWD, Bangalore -34  
 Phone No: 080-25534963,  
 Fax No: 080-25502762  
 Email ID: ([cpwdbed2@kar.nic.in](mailto:cpwdbed2@kar.nic.in),  
[bedcpwdbng@gmail.com](mailto:bedcpwdbng@gmail.com))

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 |
|------------------------------------------------------------------------------------------------------------------------------------------------|---|-----------|

## DEFINITIONS:

|         |                                                                              |                                                                                                                                                                                                                 |
|---------|------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2(vi)   | Engineer-in-Charge                                                           |                                                                                                                                                                                                                 |
|         | (i) Electrical work                                                          | Executive Engineer (E)-I, CPWD, Bangalore or his successor thereof.                                                                                                                                             |
| 2(viii) | Accepting Authority                                                          | Executive Engineer (E)-I, CPWD, Bangalore or his successor thereof.                                                                                                                                             |
| 2(x)    | Percentage on cost of materials and Labour to cover all overhead and profits | 15%                                                                                                                                                                                                             |
| 2(x)(a) | Standard Schedule of Rates                                                   |                                                                                                                                                                                                                 |
|         | (i) Electrical work                                                          | PAR 2025 and DSR-2025 (E&M) with amendments up to last date of submission of bid.                                                                                                                               |
|         | (ii) Civil work                                                              | 2023 DSR with amendments up to last date of submission of bid.                                                                                                                                                  |
| 2(xi)   | Department                                                                   | Central Public works Department (CPWD)                                                                                                                                                                          |
| 9(ii)   | Standard CPWD Contract Form                                                  | Standard CPWD Contract Form General Conditions of Contract <b>Construction Works 2023</b> , CPWD Form 7 <del>7-8</del> as modified & corrected up to previous day of the last date of submission of the tender. |

## CLAUSE 1

- (i) Time allowed for submission of Performance : 7(Seven) days  
 Guarantee, programme chart (Time and progress) and applicable labour licenses, registration with EPFO, ESIC and BOCW welfare board or proof of applying there of from the date of issue of letter of acceptance.

- (ii) Maximum allowable extension with late fee @ : 3 (Three) days with late fee @0.1% per day of Performance Guarantee amount beyond the period provided in (1) above.....

## CLAUSE 2

Authority for fixing compensation under Clause 2 : Chief Engineer, CPWD, Bangalore or his successor thereof

## CLAUSE 2A

Applicable Clause 2/2A : Clause 2

## CLAUSE: 5

Number of days from the date of issue of letter of acceptance for reckoning date of start : **10 (Ten) days** or date of handing over of site whichever is later

**Mile stone(s) as per Table given below: : Not APPLICABLE**

| Sl. No. | Description of Milestone (Physical) | Time Allowed in days (from date of start) | Amount to be with-held in case of non-achievement of milestone |
|---------|-------------------------------------|-------------------------------------------|----------------------------------------------------------------|
| 1       |                                     |                                           |                                                                |

Withheld amount shall be released if and when subsequent milestone is achieved within respective time specified. The main contractor will ensure that electrical components of the work are executed in time without giving any chance for slippage of milestone an account of delay in execution of associated electrical works by him. However, in case milestones are not achieved by the contractor for the work, the amount shown against milestone shall be withheld by the Engineer-In-Charge of the respective components.

Note: Intending tenderer may submit phasing of activities / milestones on the basis of their resources and methodology at the time of tendering corresponding to physical milestones / stages indicated in the above table. These shall be formed part of the agreement after approval of the accepting authority.

**Time allowed for execution of work : 02 (Two) Months**

## Authority to decide

- (i) Extension of time : Executive Engineer (E)-I CPWD, Bangalore or his successor thereof.

- (ii) Rescheduling of mile stone : The Chief Engineer, Bangalore, CPWD, Bangalore or his successor thereof
- (iii) Shifting of date of start in case of delay in handing over of site. : The Chief Engineer, Bangalore, CPWD, Bangalore or his successor thereof

**PROFORMA OF SCHEDULES (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                | Nil         | Nil                                                                          |
| Part B | Portions with encumbrances                   | Nil         | Nil                                                                          |
| Part C | Portions dependent on work of other agencies | Nil         | Nil                                                                          |

**Applicable Clause 5/5A : Clause 5**

**Clause 6 : Computerized Measurement Book (CMB) / ~~Electronic Measurement Book (EMB)~~**

**Mode of Measurement : CMB / ~~EMB~~**

**Clause 7**

Gross work to be done together with net payment / adjustment of advances for material collected, if any since the last such payment for being eligible to interim payment : **Only first & final bill after record of completion (However Engineer - in -Charge may make the payment during execution of work on discretion)**

**Clause 7A**

Whether Clause 7A shall be applicable : **Yes, Applicable**

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 10A**

List of testing equipments to be provided by the contractor at site lab : Lux meter, Earth Tester, Tong Tester, Thermometer, Conduit Bending Machine, Vernier Caliper, Megger

**CLAUSE 10B (ii)**

Whether Clause 10B (ii) shall be applicable : ~~Yes~~/ No

**CLAUSE 10C**

Whether Clause 10C shall be applicable  
(Applicable in only those contracts where Clause-10CC is not applicable) : **Not Applicable**

Component of labour expressed as percent of value of work : **15 %**

**CLAUSE 10 CC** : ~~Applicable~~/ Not Applicable

Schedule of component of other Materials, Labour etc. for price escalation.

Component of civil (except materials covered under clause 10CA) /Electrical construction value of work **Xm** .....%

Component of Labour- expressed as percent of total value of work **Y** .....%

Note: Xm .....% should be equal to (100) – (materials covered under clause 10CA i.e. Cement, Steel, POL and other materials specified in clause 10CA + Component of Labour

**CLAUSE 11**

Specifications to be followed for execution of work (Electrical) : CPWD General specifications for electrical works, Part-I: Internal 2023, Part-II: External 2023, Part VII D.G. Sets - 2013, CPWD specifications 2009 Vol-I &II as amended upto last date of submission / uploading of tender. Special condition, particular specification, relevant BIS codes, NBC 2016 and if all are not available manufactures specification.

**CLAUSE 12**

**Type of work:** **Construction work**

|              |                                                                                                                                                                                                                                                             |   |             |
|--------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|-------------|
| 12.2. & 12.3 | Deviation Limit beyond which clauses 12.2 & 12.3 shall apply for building work                                                                                                                                                                              | : | <b>100%</b> |
| 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)<br><br>(ii) Deviation Limit for items mentioned in earth work subhead of DSR and related items | : | <b>100%</b> |

**CLAUSE 16**

Competent Authority for deciding : The Chief Engineer, CPWD, Bangalore-34  
reduced rates or successor thereof

**CLAUSE 18**

List of mandatory machinery, tools : As per site requirement and NIT  
& plants to be deployed by the  
contractor at site

**CLAUSE 19C**

Authority to decide penalty for each : EE (E)-I, CPWD, Bangalore-34 or  
default successor thereof

**CLAUSE 19D**

Authority to decide penalty for each : EE (E)-I, CPWD, Bangalore-34 or  
default successor thereof

**CLAUSE 19G**

Authority to decide penalty for each : EE (E)-I, CPWD, Bangalore-34 or  
default successor thereof

**CLAUSE 19K**

Authority to decide penalty for each : EE (E)-I, CPWD, Bangalore-34 or  
default successor thereof

**CLAUSE 25**

|     |                                 |                                                      |
|-----|---------------------------------|------------------------------------------------------|
| I   | Conciliator                     | The Additional Director General, RB, CPWD, Bangalore |
| II  | Arbitrator Appointing Authority | The Chief Engineer, CPWD, Bangalore                  |
| III | Place of Arbitration            | Bangalore, Karnataka                                 |

**CLAUSE 32:**

Requirement of Technical Representative(s) and recovery Rate. – **Not Applicable**

| Sl. No. | Qualification                         | No. of major + minor component | Minimum experience (years) | Designation Technical Staff                                   | Rate at which recovery shall be made from the contractor in the event of fulfilling |
|---------|---------------------------------------|--------------------------------|----------------------------|---------------------------------------------------------------|-------------------------------------------------------------------------------------|
| 1       | Graduate Engineer Or Diploma Engineer | 1 No. (E & M)                  | 2 or 5 years respectively  | Project Manager cum planning/ Quality/ Site/ billing Engineer | Rs. 15,000/- Per month per person                                                   |

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

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

**CLAUSE 38**

**- Not Applicable**

|      |                                                   |                                                                                                                                                                          |                                      |
|------|---------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|
| (i)  | (a)                                               | Schedule/statement for determining theoretical quantity of cement & bitumen on the basis of Delhi Schedule of Rates 2023 with upto date correction slips printed by CPWD |                                      |
| (ii) | Variations permissible on theoretical quantities: |                                                                                                                                                                          |                                      |
|      | (a)                                               | Cement                                                                                                                                                                   |                                      |
|      |                                                   | For works with estimated cost put to tender not more Rs. 25 lakhs                                                                                                        | 3% plus / minus                      |
|      |                                                   | For works with estimated cost put to tender more than Rs. 25 lakh                                                                                                        | 2% plus / minus                      |
|      | (b)                                               | Bitumen for all works                                                                                                                                                    | 2.5% plus only and NIL on minus side |
|      | (c)                                               | Steel Reinforcement and structural steel sections for each diameter, section and category                                                                                | 2% plus / minus                      |
|      | (d)                                               | All other materials                                                                                                                                                      | NIL                                  |

# **AMENDMENTS TO GCC 2023 FOR CONSTRUCTION WORKS**

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<br>CENTRAL PUBLIC WORKS<br>DEPARTMENT<br>Percentage Rate Tender/Item Rate<br>Tender & Contract for Works                                                                                                                                                                                                    | GOVERNMENT OF INDIA<br>CENTRAL PUBLIC WORKS<br>DEPARTMENT<br>Percentage Rate Tender/Item Rate<br>Tender & Contract for Works                                                                                                                                                                                                                                                              |
| <b>TENDER</b><br>I/We have deposited EMD for the prescribed amount in the office of concerned Executive Engineer as per the bid document.                                                                                                                                                                                       | <b>TENDER</b><br>I/We have deposited EMD <b>through online payment mode</b> 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..... |

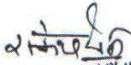
This is issued with the approval of DG CPWD.

  
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.वेबसाईट के माध्यम से)।

  
R.K. JAIN  
(EE (Contact))

1  
2

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

ISSUED BY THE AUTHORITY OF DIRECTOR GENERAL, CPWD  
Nirman Bhawan, New Delhi Dated: 14.11.2023  
Subject: Amendments in Clause 32, Schedule F of Clause 11 and 32 of GCC 2023 Construction Works.

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

| Existing Provision                                                                                                                                                                                  | Modified Provision                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>Clause 32 Employment of Technical Staff and employees</p> <p>Contractors Superintendence, Supervision, Technical Staff &amp; Employees</p> <p>Sl. No. (i) and (iii)</p> <p>(iv) No Provision</p> | <p>Clause 32 Employment of Technical Staff and employees</p> <p>Contractors Superintendence, Supervision, Technical Staff &amp; Employees</p> <p>No change</p> <p>(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 &amp; 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.</p> |

21/11/2023  
R.K. JAIN  
(EE (Contact))

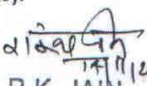
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                     |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p align="center"><b>SCHEDULE 'F'</b></p> <p><b>Clause 11</b></p> <p>Specifications to be followed for execution of work .....</p> <p><b>No provision</b></p>                                                                                                                                                                                                                                                                                                                                                                                                                               | <p align="center"><b>SCHEDULE 'F'</b></p> <p><b>Clause 11</b></p> <p>Specifications to be followed for execution of work .....</p> <p>i. Building information model (BIM) is applicable and BIM professional to be deployed by contractor ..... (NIT approving authority to write Yes or No)</p>                                                    |
| <p align="center"><b>SCHEDULE 'F'</b></p> <p><b>Clause 32 Requirement of Technical Representative(s) and recovery Rate</b></p> <p>Assistant Engineers retired from Government services that are holding Diploma will be treated at par with Graduate Engineers.</p> <p>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.</p> <p><b>No Provision</b></p> | <p align="center"><b>SCHEDULE 'F'</b></p> <p><b>Clause 32 Requirement of Technical Representative(s) and recovery Rate</b></p> <p><b>No Change.</b></p> <p><b>No Change.</b></p> <p>Minimum recovery for not deploying Building Information Model (BIM) professional shall be Rs. two lac per month or as mentioned above, whichever is higher.</p> |

This issues with the approval of DG CPWD.

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

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

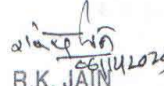
All CPWD and PWD officers for information and necessary action.  
 (Through CPWD website).

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

**Central Public Works Department**  
**Office Memorandum**  
**No. DG/CON/Construction 2023/03**  
**ISSUED BY THE AUTHORITY OF DIRECTOR GENERAL, CPWD**  
Nirman Bhawan, New Delhi Dated 06.12.2023  
**Subject: Modifications in Clause 12 and Schedule F for Clause 12 of GCC**  
**2023 for Construction Works**

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

| Existing provision                                                                                                                                                                                                                                                                                                     | Modified provision                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>CONDITIONS OF CONTRACT</b><br><b>Definitions</b><br>2. In the contract, the following expressions shall, unless the context otherwise requires, have the meanings, hereby respectively assigned to them:-<br><br>(i) to (xv)<br><br>(xvi) No provision<br><br><br><br><br><br><br><br><br><br>(xvii) No provision   | <b>CONDITIONS OF CONTRACT</b><br><b>Definitions</b><br>2. In the contract, the following expressions shall, unless the context otherwise requires, have the meanings, hereby respectively assigned to them:-<br><br>(i) to (xv) <b>No change</b><br><br>(xvi) <b>Extra items</b> are those items which are not available in the contract.<br><br>a. <b>Non Schedule Extra Items</b> are those items which are not available in the Standard Schedule of Rates specified in Schedule F.<br>b. <b>Scheduled Extra Items</b> are those items which are available in the Standard Schedule of Rates specified in Schedule F.<br><br>(xvii) <b>Completion cost:</b> The completion cost includes gross amount of work done, amount of extra items and deviations and escalation admissible as per agreement etc. |
| <b>Clause 12 Deviations/ Variations Extent and Pricing</b><br><br>The Engineer-in-Charge shall have power (i) to make alteration in, omissions from, additions to, or substitutions for the original specifications, drawings, designs and instructions that may appear to him to be necessary or advisable during the | <b>Clause 12 Deviations/ Variations Extent and Pricing</b><br><br>No Change                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |

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

Page 1 of 8

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <p>The completion cost shall, in no case, exceed 1.5 times the contract amount.</p> <p>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.</p> |

  
 26/11/2023  
 R.K. JAIN  
 (EE (Contact))

Page 2 of 8

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 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 :                                                                                                                                                                                                                                                                                                                                                                                                                                         | 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 :                                                                                                                                                                                                                                                                                                                                                                               |
| <p>i. In the proportion which the additional cost of the altered, additional or substituted work, bears to the original tendered value plus</p> <p>ii. 25% of the time calculated in (i) above or such further additional time as may be considered reasonable by the Engineer-in-Charge</p>                                                                                                                                                                                                                                                                                                                                                              | <p>i. In the proportion to the additional cost of work, bears to the original contract amount plus</p> <p>ii. 25% of the time calculated in (i) above.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 12.2 Deviation, Extra Items and Pricing                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 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 | a) Non Schedule Extra Items - The contractor may, within fifteen days of the receipt of order to execute extra item or occurrence of the item(s), submit analysis of rate of extra item(s) based on the rates of materials available in basic rate of Standard Schedule of Rate mentioned in schedule F and market rates of the materials which are not available in standard schedule of rate mentioned in schedule F. For this purpose, the basic rate of materials available in Schedule of Rates mentioned in Schedule F will be enhanced or reduced by the applicable cost index, as the case |

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

Page 3 of 8

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

may be.

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

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

The rate of extra item will be:-

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

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

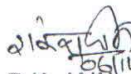
Where the contractor submits analysis of rate of extra items in the manner prescribed above, the Engineer-in-Charge shall, within 60 days of the receipt of the analysis of rate, after giving consideration to the analysis of rates and other documents submitted by the contractor, determine the rate(s)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

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

  
R.K. JAIN  
(EE (Contact))

Page 4 of 8

|                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|-----------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                                                                               | 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                                                                                                                              | <p>b) Scheduled Extra Items</p> <p>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.</p> <p>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).</p> |
| 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |

  
 21/09/2013  
 R.K. JAIN  
 (EE (Contact))

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p><b>Deviation, deviated quantities, Pricing</b></p> <p>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.</p> <p>The rate(s) so determined by the Engineer-in-Charge shall be final and binding on the contractor, and shall not be arbitrable.</p> | <p><b>c) Deviation, deviated quantities, Pricing</b></p> <p>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 <b>and other documents, as per procedure described in para 12.2(a) or 12.2(b)</b> (as applicable), for the quantities in excess of the above-mentioned limit. The Engineer-in-Charge shall within 45 <b>60</b> 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. <b>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.</b></p> <p>The rate(s) of extra items and deviated items so determined by the Engineer-in-Charge shall be final and binding on the contractor.</p> |
| <p><b>12.3</b> 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</p>                                                                                                                                                                                                                                                                                                                                                   | <p><b>Deleted</b></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |

  
 R.K. JAIN  
 (EE (Contact))

Page 6 of 8

|                                                                                                                                                                                                                                                |                                                                                                                                                                                                                        |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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<br>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<br>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.                                          |
| <b>PROFORMA OF SCHEDULES</b><br>(Separate Performa for Civil, Elect.& Hort. Works in case of Composite Tenders)<br><br><b>SCHEDULE 'F'</b><br><br><b>Clause 12</b><br><br>Authority to decide deviation upto 1.5 time of tendered amount ..... | <b>PROFORMA OF SCHEDULES</b><br>(Separate Performa for Civil, Elect.& Hort. Works in case of Composite Tenders)<br><br><b>SCHEDULE 'F'</b><br><br><b>Clause 12</b><br><br>Deleted                                      |
| 12.2 & 12.3<br><br>Deviation Limit beyond which clauses 12.2 & 12.3 shall apply for building work .....                                                                                                                                        | 12.2 (c)<br><br>Deviation Limit beyond which clauses 12.2 (c) shall apply for building work .....                                                                                                                      |

212 P-10  
R.K. JAIN  
(EE (C...))

Page 7 of 8

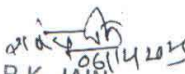
|                                                                                                                                                              |                                                                                                                                                           |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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 झापन

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**

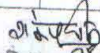
The following amendments are made in the GCC 2023 for Construction works.

| Existing Provision                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Modified Provision                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>CONDITIONS OF CONTRACT</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <b>CONDITIONS OF CONTRACT</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Definitions</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <b>Definitions</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 2. In the contract, the following expressions shall, unless the context otherwise requires, have the meanings, hereby respectively assigned to them:-                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 2. No change:-                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| (i) to (xvii)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | (i) to (xvii) No Change                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| (xviii) No provision                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | (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.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Clause 5 Time and Extension for Delay</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <b>Clause 5 Time and Extension for Delay</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 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. | The time allowed for execution of the Works as specified in the Schedule 'F' or the extended time in accordance with these conditions shall be the essence of the Contract. The execution of the work shall commence from such time period as mentioned in schedule 'F' or from the date of handing over of the site, notified by the Engineer-in-Charge, whichever is later. If the Contractor commits default in commencing the execution of the work as aforesaid and such default continues even after time period specified in the notice in writing by the Engineer-in-Charge then the performance guarantee shall be forfeited by the Engineer-in-Charge and shall be absolutely at the disposal of the Government without prejudice to |

R.K. JAIN  
(EE (Contact))

Page 1 of 9

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

  
 R.K. JAIN  
 (EE (Contact))

Page 2 of 9

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>iii. The approval by the Engineer-in-Charge of such programme shall not relieve the contractor of any of the obligations under the contract.</p> <p>iv. The contractor shall submit the Time and Progress Chart and progress report using the mutually agreed software or in other format decided by Engineer-in-Charge for the work done during previous month to the Engineer-in-charge on or before 5th day of each month failing which a recovery as per Schedule F to be decided by the NIT approving authority shall be made on per week or part basis in case of delay in submission of the monthly progress report</p> <p>v. No provision</p> | <p>iii. The approval by the Engineer-in-Charge of such programme shall not relieve the contractor of any of the obligations under the contract.</p> <p>iv. The contractor shall submit the Time and Progress Chart <b>containing upto date progress of work</b> using the mutually agreed software or in the format decided by Engineer-in-Charge. <b>Such chart shall be submitted by the contractor on or before 5<sup>th</sup> 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.</b></p> <p>v. While recording the hindrances in the progress of the work, due consideration should be given to the cause of hindrance. The hindrances shall be segregated in following categories :</p> <p>a) delays due to reasons beyond the control of both parties (sub-clause 5.2)</p> <p>b) delays attributable to the Department and concurrent delays (sub-clause 5.3).</p> <p>c) delays solely attributable to the contractor (sub-clause 5.5)</p> |
| <p>5.2</p> <p>If the work(s) be delayed by:-</p> <p>i. force majeure, or</p> <p>ii. abnormally bad weather, or</p> <p>iii. serious loss or damage by fire, or</p> <p>iv. civil commotion, local commotion of workmen, strike or lockout, affecting any of the trades employed on the work, or</p> <p>v. delay on the part of other contractors or tradesmen engaged by Engineer-in-Charge in</p>                                                                                                                                                                                                                                                         | <p>5.2 Delays due to reasons beyond the control of both parties:</p> <p>If the work(s) delayed by:-</p> <p>i. force majeure, or</p> <p>ii. abnormally bad weather, or</p> <p>iii. serious loss or damage by fire, or</p> <p>iv. civil commotion, local commotion of workmen, strike or lockout, affecting any of the trades employed on the work, or</p> <p>v. delay on the part of other contractors or tradesmen engaged by Engineer-in- Charge in</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |

R.K. JAIN  
(EE (Contact))

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

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

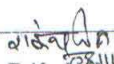
Page 4 of 9

|                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                                                                                                                                                                                                                                                                     | 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<br><br>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<br><br>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.<br><br>The contractor shall not be entitled for any hindrance in case notice(s) are not given by the contractor through ERP portal.<br><br>The Engineer-in-Charge, on receipt of such notice(s) after considering the factual ground situation, shall either acknowledge or reject the notice(s).<br><br>In case of rejection, the reason(s) for rejection shall be communicated by Engineer-in-Charge to the agency.<br><br>The decision of Engineer-in-Charge with regard to nature of event causing delay, its start date and end date, as has been finalized during acknowledgement of notice, shall be final and binding. |

  
R.K. JAIN  
(E.E (Contact))

Page 5 of 9

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <p>The end date of such events shall be recorded by Engineer-in-Charge either during acknowledgment of notice or subsequent to acknowledgement if end date of hindrance is after the date of acknowledgement of notice.</p> <p>In absence of notice by the contractor, Engineer-in-Charge or his representative(s) may record the events causing delay within 05 (five) days of occurrence of hindrance on ERP portal provided further that not recording of events causing delay by the Engineer-in-Charge does not ipso facto entitle the contractor for any hindrance.</p> |
| 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 5.4 Rescheduling of milestone(s) and 'extended date of completion'                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 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. | The request for rescheduling of Milestone(s) and extension of time, shall be made by the Contractor through ERP Portal once in a month on the basis of hindrances accepted by Engineer-in-Charge under sub-clause 5.2 and sub-clause 5.3. The Contractor shall indicate in such a request number of days by which rescheduling of milestone(s) and/or extension of time is desired.                                                                                                                                                                                           |
| With every request for rescheduling of milestones, or if at any time the actual progress of work falls behind the approved programme by more than 10% of the stipulated period of completion of contract, the contractor shall produce a revised programme without causing any delay in execution                                                                                                                                                                                                                                                                                                          | Deleted                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |

  
R.K. JAIN  
(EE (Contact))

Page 6 of 9

|                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>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.</p>                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <p>No provision</p>                                                                                                                                                             | <p>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.</p> <p>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.</p> |
| <p>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.</p> | <p>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).</p>                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <p>E-in-C shall finalize/ reschedule a particular mile stone before taking an</p>                                                                                               | <p>Engineer-in-Charge shall finalize/ reschedule a particular mile stone</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |

21/11/23  
R.K. JAIN

EE (Cont)

Page 7 of 9

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

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

Page 8 of 9

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

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

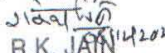
This is issued with the approval of DG CPWD.

  
 08.12.2023  
 (वी. पी. साहू)

अधीक्षण अभियंता (सी.एंड एम.)

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

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

  
 R.K. JAIN  
 (Contact)

Page 9 of 9

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

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

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  
केलोनवि तथा लोनवि दिल्ली के सभी अधिकारियों को आवश्यक सूचना एवं कार्यवाही हेतु।  
(केलोनवि 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: 29.02.2024

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

21/02/24  
29/02/24  
R.K. JAIN  
(EE (Contract))

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

This issues with the approval of DG CPWD.

*[Signature]* 01.03.2024  
(V.P. Sahu)

Superintending Engineer (C&M)

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

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

*[Signature]*  
R.K. JAIN 12/2/2024  
(C&M)

**Central Public Works Department  
Office Memorandum**

No. DG/CON/Construction 2023/07

ISSUED BY AUTHORITY OF DIRECTOR GENERAL, CPWD

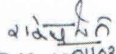
NIRMAN BHAWAN, NEW DELHI

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                                                                                                                                                                                                                                                                                                                                                                                                                         |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p><b>Clause 7 Payment on intermediate certificate to be regarded as Advances</b></p> <p>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.</p>                                                                          | <p><b>Clause 7 Payment on intermediate certificate to be regarded as Advances</b></p> <p>No change.</p>                                                                                                                                                                                                                                                                                                                                    |
| <p>The contractor shall not be entitled to be paid any such interim payment if the gross work done together with net payment/ adjustment of advances for material collected, if any, since the last such payment is less than the amount specified in Schedule 'F', in which case the interim bill shall be prepared on the appointed date of the month after the requisite progress is achieved.</p> | <p>The contractor shall not be paid any such interim payment if the gross work done together with net payment/ adjustment of advances for material collected, if any, since the last such payment is less than the amount specified in Schedule 'F', in which case the interim bill shall be prepared on the appointed date of the month after the requisite progress is achieved.</p>                                                     |
| <p>No provision</p>                                                                                                                                                                                                                                                                                                                                                                                   | <p>However, to expedite the progress of work, Engineer-in-Charge, on the request of contractor, may make interim payment(s) even before the net payment limit specified in schedule 'F' is achieved. In such case(s) no interest / compensation shall be recoverable from contractor.</p> <p>Such payment by Engineer-in-Charge shall not be construed as waiver of limit specified in schedule 'F' for subsequent interim payment(s).</p> |

  
R.K. JAIN  
(EE (Contact))

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

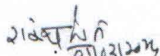
This issues with the approval of DG CPWD.

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

Superintending Engineer (C&M)

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

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

  
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                                            |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------|
| <b>Clause 19 Labour Laws to be complied by the Contractor</b>                                                                                                                                                                            | <b>Clause 19 Labour Laws to be complied by the Contractor</b> |
| 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                                                     |

21-3-2024  
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                                                                                                                                           | Clause 19 M Sexual Harassment of Women at Workplace                                                                                                                                                                                                                            |
| No Provision                                                                                                                                          | The contractor shall comply with all provision(s) and guideline(s) of Sexual Harassment of Women at Workplace (Prevention Prohibition and Redressal) Act, 2013 and amendment thereafter time to time or any other rules framed under any labour law affecting women worker(s). |

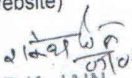
This issues with the approval of DG CPWD.

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

Superintending Engineer (C&M)

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

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

  
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Clause 1 Performance Guarantee</b>                                                                                                                                                                                                                                                                                                                                                                                   | <b>Clause 1 Performance Guarantee</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Sl. No. (i) to (iv)                                                                                                                                                                                                                                                                                                                                                                                                     | Sl. No. (i) to (iv) <b>No Change</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| (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 <b>part completion</b> certificate shall include outstanding balance work that need to be completed in accordance with the provisions of the contract. This <b>part completion</b> certificate shall be recorded by the <b>authority as per contract value of work</b> . After recording of the <b>part</b> Completion Certificate for the work by the competent authority, the <b>proportionate amount of 80%</b> 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 <b>proportionate amount of 40%</b> of performance guarantee shall be returned to the contractor, without any interest after recording the <b>part</b> Completion certificate.                                                                                                                                                                     |

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

(22)

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p><b>Clause 8 Completion Certificate</b></p> <p>Within ten days of the completion of the work, the contractor shall give notice of such completion to the Engineer-in-Charge and within thirty days of the receipt of such notice, the Engineer-in-Charge shall inspect the work and if there is no defect in the work, shall furnish the contractor with a final certificate of completion, otherwise a provisional certificate of physical completion indicating defects (a) to be rectified by the contractor and/or (b) for which payment will be made at reduced rates, shall be issued.</p> | <p><b>Clause 8 Completion Certificate</b></p> <p>Within ten days of the completion of the work <b>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</b>, 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 <b>part or final completion certificate as the case may be</b>, indicating defects (a) to be rectified by the contractor and/or (b) for which payment will be made at reduced rates.</p> |
| <p>But no final certificate ..... sum actually realized by the sale thereof.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <p>No change.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <p><b>Clause 41</b><br/><b>Release of Security deposit after labour clearance</b><br/>The Security Deposit ..... security deposit and refund the balance amount.</p>                                                                                                                                                                                                                                                                                                                                                                                                                               | <p><b>Clause 41</b><br/><b>Release of Security deposit after labour clearance</b><br/>No change.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <p>No Provision</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <p>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.</p>                                                                                                                                                                                                                                                                                                                                                                                                                              |

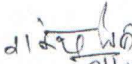
This issues with the approval of DG CPWD.

  
 01.04.2024  
 (V.P. Sahu)

Superintending Engineer (C&M)

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

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

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

**Central Public Works Department**

**Office Memorandum**

**No. DG/CON/Construction 2023/10**

ISSUED BY AUTHORITY OF DIRECTOR GENERAL, CPWD

**NIRMAN BHAWAN, NEW DELHI**

Dated: 03-06-2024

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

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

| Existing provision                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Modified provision                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p><b>Clause 36 If relative working in CPWD then the contractor not allowed to tender</b></p> <p>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></p> | <p><b>Clause 36 If relative working in CPWD then the contractor is not allowed to participate in the tendering process</b></p> <p>The contractor (<u>enlisted or non-enlisted in CPWD</u>) shall not be <b>allowed</b> to <b>participate in the tender</b> 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 <b>Chief Engineer</b> 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 <b>Officer working</b> in the CPWD. Any breach of this condition by the contractor would render him liable to be <b>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.</b></p> |
| <p>NOTE: By the term "near relatives" is meant wife, husband, parents and grandparents, children and grandchildren, brothers and sisters, uncles, aunts and cousins and their corresponding in-laws.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <p>No change.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |

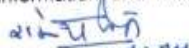
This issues with the approval of DG, CPWD.

  
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.N. 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<br>Sl. No. 1 to 16 | General Rules and Directions<br><br>No Change                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                 |      |                 |      |
| No Provision                                    | <p><b>17. Price Preference to SC/ST individual contractor</b></p> <table><tr><th>for</th><th>item</th><th>rate/percentage</th><th>rate</th></tr></table> <p><b>tender:</b><br/>Price preference in quoted item rate/percentage rate tender shall be applicable to the individual enlisted/non-enlisted SC/ST contractor as under:-</p> <p>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).</p> <p>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.</p> <p>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.</p> | for             | item | rate/percentage | rate |
| for                                             | item                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | rate/percentage | rate |                 |      |
| Schedule F                                      | Schedule F                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                 |      |                 |      |
| No Provision                                    | Price Preference to SC/ST individual contractor is valid upto ..... (date)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                 |      |                 |      |

This issues with the approval of DG CPWD.

  
 03-06-2024  
 (V.P. Sahu)

Superintending Engineer (C&M)

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

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

  
 R.K. JAIN  
 EE (Contract)

केन्द्रीय लोक निर्माण विभाग

कार्यालय ज्ञापन

No. DG/CON/Construction 2023/12

ISSUED BY AUTHORITY OF DIRECTOR GENERAL, CPWD

NIRMAN BHAWAN, NEW DELHI

Dated: 09.10.2024

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

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

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

*[Signature]*  
09.10.24  
R K SINGH  
EE(Manual)

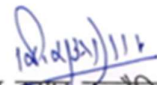
1  
2

**Appendix-XX**  
**REGISTER OF MATERIAL AT SITE (MAS)**

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

| S. No. | Date of Receipts (Details of Challans/ Bills, Specific location 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)

  
 R K SINGH  
 EE(Manual)



केन्द्रीय लोक निर्माण विभाग

कार्यालय झापन

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

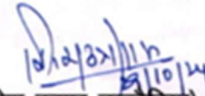
  
29.10.24  
R K SINGH  
EE(Manual)

1

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

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

This is issued with the approval of DG CPWD.

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

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

  
 R K SINGH  
 EE(Manual)

केन्द्रीय लोक निर्माण विभाग

कार्यालय झापन

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

*[Signature]*  
R K SINGH  
EE(Manual)

1

|                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                        |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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 ज्ञापन

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

NIRMAN BHAWAN, NEW DELHI

Dated: 31.01.2025

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

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

| Existing provision                                                                                                                                                                                                                                  | Modified provision                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Clause 7A</b><br><br>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. | <b>Clause 7A</b><br><br>(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.<br><br>(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:-<br><br>1. Details of person employed with date of their employment up to previous month.<br>2. Documents of payment made to the employees directly into their bank accounts up to previous month.<br>3. Documents of attendance through biometric attendance or other mode up to previous month.<br>4. Documents of deposition of EPF and ESI deductions in the employee's accounts up to previous month.<br>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.<br>6. Any other document(s) required as per statutory requirements and/or as directed by Engineer-in-Charge.<br><br>(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)  
अधीक्षण अभियंता (सी.एंड.एम.)

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

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

R K SINGH  
EE(Manual)

केन्द्रीय लोक निर्माण विभाग  
कार्यालय झापन

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p><b>Clause 7</b><br/>Existing provisions</p> <p>No provision</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <p><b>Clause 7</b><br/>No change</p> <p>In case of correction / rejection / short documents, it will be mandatory for Engineer-in- Charge to give recorded reasons for correction / rejection / submission of additional documents within seven days after submission of running bill by the contractor.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <p><b>Clause 8 Completion Certificate</b><br/>(Issued vide OM No. DG/Construction-2023/09 dated 01.04.2024)</p> <p>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.</p> | <p><b>Clause 8 Completion Certificate</b></p> <p>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</p> |

  
R K SINGH  
EE(Manual)

Page 1 of 3

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>But no final certificate ..... sum actually realized by the sale thereof.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <p>be rectified by the contractor and/or (b) for which payment will be made at reduced rates.</p> <p><b>No change.</b></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <p><b>Clause 9 Payment of Final Bill</b></p> <p>The final bill shall be submitted by the contractor in the same manner as specified in interim bills within three months of physical completion of the work or within one month of the date of the final certificate of completion furnished by the Engineer-in-Charge whichever is earlier. No further claims shall be made by the contractor after submission of the final bill and these shall be deemed to have been waived and extinguished. Payments of those items of the bill in respect of which there is no dispute and of items in dispute, for quantities and rates as approved by Engineer-in-Charge, will, as far as possible be made within the period of three months the period being reckoned from the date of receipt of the bill by the Engineer-in-Charge or his authorized Asstt. Engineer, complete with account of materials issued by the Department and dismantled materials.</p> <p style="text-align: right;"> <br/> R K SINGH<br/> EE(Manual) </p> | <p><b>Clause 9 Payment of Final Bill</b></p> <ol style="list-style-type: none"> <li>i. The final bill shall be submitted by the contractor <b>to the Engineer-in-Charge</b> 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 <b>completion</b> certificate furnished by the Engineer-in-Charge whichever is earlier. <b>At the time of submission of the final bill, receipt will be given by the O/o Engineer-in-Charge.</b></li> <li>ii. In case of correction / rejection / short documents, it will be mandatory for Engineer-in- Charge to give recorded reasons for correction / rejection / submission of additional documents within fifteen days after submission of final measurement and/or final bill by the contractor.</li> <li>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.</li> <li>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".</li> <li>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</li> </ol> |

|                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>If the final bill is submitted by the contractor within the period specified above and delay in payment of final bills is made by the department after prescribed time limit, a simple interest @ 5 % (five percent) per annum shall be paid to the contractor from the date of expiry of prescribed time limit, provided the final bill submitted by the contractor is found to be in order.</p> | <p>period of three months. The period of three months will be reckoned from the date of receipt of the bill in complete shape after necessary corrections / additional documents, by the Engineer-in-Charge.</p> <p>vi. In case of foreclosure / determination of contract, if the contractor fails to submit the EOT case, final measurement /bills within 30 days of foreclosure/ determination, the 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.</p> <p>vii. If the final bill, in complete shape, is submitted by the contractor within the period specified above and delay in payment of final 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) &amp; (iv) above. .</p> |
| <p><b>Schedule F</b><br/><b>Clause 8</b><br/><br/>No Provision</p>                                                                                                                                                                                                                                                                                                                                   | <p><b>Schedule F</b><br/><b>Clause 8</b><br/><br/><b>Competent Authorities to inspect and issue part / final completion certificate</b><br/>.....<br/><b>(To be filled by NIT approving authority).</b></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |

This issues with the approval of DG, CPWD.

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

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

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

R K SINGH 10.2.25  
EE(Manual)

केन्द्रीय लोक निर्माण विभाग  
कार्यालय ज्ञापन

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

NIRMAN BHAWAN, NEW DELHI

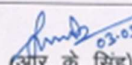
Dated: 03.03.2025

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

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

| Existing provision                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Modified provision                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p><b>Clause 14 Carrying out part work at risk &amp; cost of contractor</b></p> <p>If contractor:</p> <p>(iii) The Engineer- in-Charge without invoking action under clause 3 may, without prejudice to any other right or remedy against the contractor which have either accrued or accrue thereafter to Government, by a notice in writing to take the part work / part incomplete work of any item(s) out of his hands and shall have powers to :</p> <p>(a) Take possession of the site and any materials, constructional plant, implements, stores, etc., thereon; and/or</p> <p>(b) Carry out the part work / part incomplete work of any item(s) by any means at the risk and cost of the contractor.</p> | <p><b>Clause 14 Carrying out part work at risk &amp; cost of contractor</b></p> <p>If contractor:</p> <p>(iii) The Engineer- in-Charge without invoking action under clause 3 may, without prejudice to any other right or remedy against the contractor which have either accrued or accrue thereafter to Government, by a notice in writing to take the part work / part incomplete work of any item(s) out of his hands and shall have powers to :</p> <p>(a) Take possession of the site and any materials, constructional plant, implements, stores, etc., thereon; and/or</p> <p>(b) Carry out the part work / part incomplete work of any item(s) by any means at the risk and cost of the contractor. <b>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).</b></p> |

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 वेबसाईट के माध्यम से)

R K SINGH  
EE(Manual)

केन्द्रीय लोक निर्माण विभाग  
कार्यालय झापन

**No. DG/CON/ Construction 2023/18**  
**ISSUED BY AUTHORITY OF DIRECTOR GENERAL, CPWD**

**NIRMAN BHAWAN, NEW DELHI**

**Dated: 16.06.2025**

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

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

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

This issues with the approval of DG, CPWD.

*चन्द्र पाल*  
(चन्द्र पाल) 16/06/2025

अधीक्षण अभियंता (सी. एंड एम.)

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

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

*R K SINGH*  
16.06.25  
R K SINGH  
EE(Manual)

केन्द्रीय लोक निर्माण विभाग

कार्यालय ज्ञापन

No. DG/CON/Construction-2023/19

ISSUED BY THE AUTHORITY OF DIRECTOR GENERAL, CPWD

Nirman Bhawan, New Delhi

Dated: 06.11.2025

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

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

| Existing Provision                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Modified Provision                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p><b>Clause 19 L: Contribution of EPF and ESI</b></p> <p>The ESI and EPF contributions on the part of employer in respect of this contract shall be paid by the contractor. These contributions on the part of the employer paid by the contractor shall be reimbursed by the Engineer-in-charge to the contractor on actual basis. The verification of deployment labour will be done through biometric attendance system or any other suitable method by the Engineer in Charge. The applicable and eligible amount of EPF &amp; ESI shall be reimbursed preferably within 7 days but not later than 30 days of submission of documentary proof of payment provided same are in order</p> | <p><b>Clause 19 L: Contribution of EPF and ESI</b></p> <p>It will be mandatory for all the agencies to register with ESI and EPFO departments within 30 days of the award of the work unless exempted by the provisions of ESI and / or EPFO and as amended time to time. The ESI and EPF contributions on the part of employer in respect of this contract shall be paid by the contractor. These contributions on the part of the employer paid by the contractor shall be reimbursed by the Engineer-in-charge to the contractor on actual basis. The verification of deployed labour will be done through biometric attendance system or any other suitable method by the Engineer in Charge. The agency shall submit an affidavit on a stamp paper of Rs. 100 that the employees were engaged fully and exclusively on the work for which the claim is being made. The applicable and eligible amount of EPF &amp; ESI shall be reimbursed preferably within 7 days but not later than 30 days of submission of documentary proof of payment provided same are in order</p> |

This is issued with the approval of DG CPWD.

अधीक्षण अभियंता

(चन्द्र पाल)  
06.11.2025  
अधीक्षण अभियंता (सी. पी. डी. मैनेजमेंट)  
Chander Pal (G&M)

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

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

12/11/25

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                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>General Rules &amp; Directions</b><br><br>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. ....                                                                                                                                                                                                                                        | <b>General Rules &amp; Directions</b><br><br>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. ....                                                                                                                                                                                                                                        |
| <b>Clause 1</b><br><br><b>Performance Guarantee</b><br><br>(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. .... | <b>Clause 1</b><br><br><b>Performance Guarantee</b><br><br>(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                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>SCHEDULE 'E'</b><br><br>Reference to General Conditions of contract<br><br>Sl. No. (i)                                                                                                                                                                                                                                                                                                                                                                                                                             | <b>SCHEDULE 'E'</b><br><br>Reference to General Conditions of contract<br><br>No change                                                                                                                                                                                                                                                                                                                                                                                |

  
 D.P. Jindal  
 EE (Contract)

|                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| (ii) Performance Guarantee : 5% of tendered value. | (ii) Performance Guarantee :<br>(a) 5% of tendered value or Estimated Cost Put to Tender (ECPT) (whichever is higher).<br>(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.

  
 (चतुर्थ प्रमुख) जे. (सी. एंड एम.)  
 अधीक्षण अभियंता (सी. एंड 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)

  
 27/12/26  
 6643  
 D.P. Jindal  
 EE (Contract)

## GENARAL CONDITIONS

**Name of work:** Providing of 25 KVA DG Set with allied works for Kendriya Vidyalaya at KR Puram, Bangalore..

### GENERAL

The work shall be carried out in accordance with CPWD Specifications for Part-I: Internal 2023, Part-II: External 2023, CPWD Specifications for Part-VII: DG sets 2013, CPWD specifications 2009 Vol-I &II with latest amendments upto date wherever relevant and applicable

#### 1.1. LOCATION:

The plant and equipment are to be installed at the location as indicated in the **Annexure- I**.

#### 1.2. RELATED DOCUMENTS:

This specification shall be read in conjunction with the relevant latest CPWD general Specifications as amended up to date for the works described for technical matters and with the standard conditions of the contract appended with amendments for other matters as well as with schedules and drawings and requirements under this specification. In the event of any discrepancies between this specification and interconnected documents, the specific requirements as per this specification shall be followed and deemed to be having overriding value.

2. Before tendering, the contractor shall inspect the site of work and shall fully acquaint himself about the conditions prevailing at site, availability of materials, availability of land and suitable locations for construction of godowns, stores and camp, transport facilities, the extent of leads and lifts involved in achieving the completion of work.
3. The contractor shall at his own expense and risk arrange land for accommodation of labour, setting up of office, the storage of materials, ~~erection of temporary workshops, construction of approach roads to the site of the work including land required for carrying out of all jobs connected with the completion of the work. However, the departmental land, to the extent available may be allowed to be used for the purpose free of rent without accepting any responsibility for the delay, if any, on this account. The contractor shall have to abide by the regulations of the authorities concerned and the directions of the Engineer in charge for the use of the land available at the site of work. If during construction, it becomes necessary to remove or shift the stored materials shed workshop, access roads, etc, to facilitate execution of any other work by any other agency, the contractor shall carry out the removal of shifting as directed by the Engineer in charge and no claim whatsoever, shall be entertained on this account.~~
4. It shall be deemed that the contractor has satisfied himself as to the nature and location of the work, transport facilities, availability of land for setting up of camp, etc. the department will bear no responsibility for lack of such knowledge & the consequences thereof.
5. The contractor shall have to make approaches to site, if so required and keep them in good condition for transportation of labour and materials as well as inspection of works by the Engineer – in – charge. Nothing extra shall be paid on this account.

6. The Contractor shall at his own cost submit samples of all materials sufficiently in advance and obtain approval of Engineer – in – charge. Subsequently the materials to be used in the actual execution of the work shall strictly conform to the quality of samples approved by the Engineer – in – charge and nothing extra shall be paid on this account. The acceptance of any sample or material on inspection shall not be a bar to its subsequent rejection, if found defective.
7. The contractor shall at his cost, make all arrangements and shall provide necessary facilities as the Engineer – in – charge may require for collecting, preparing, packing, forwarding and transportation of the required number of samples for tests & for analysis at such time and to such places as directed by the Engineer – in – charge. Nothing extra shall be paid for the above operations including the cost of materials required for tests & analysis. Testing charges, if any, will be borne by the department if the tests passes. In case it fails, the same shall be borne by the contractor.
8. The necessary tests shall be conducted in the laboratory approval by the Engineer – in – charge. The samples for carrying out all or any of the tests shall be collected by Engineer –in – charge or on his behalf by any other officer of CPWD. The contractor or his authorized representative shall associate himself in collection, preparation, packing and forwarding of such samples for the prescribed tests and analysis. In case the contractor or his authorized representative is not present or does not associate himself in the aforesaid operation the results of such tests and consequences thereon shall be binding on the contractor.
9. Materials used on work without prior approval and testing (where testing is necessary) by the Engineer – in – charge are liable to be considered unauthorized, and not acceptable. The Engineer – in – charge shall have full powers for removal of any or all of the materials brought to site by contractor which are not in accordance with the contract specifications or do not conform, in character or quality to the samples approved by the Engineer – in – charge. In case of default on the part of the contractor in removing rejected materials, the Engineer – in – charge shall be at liberty to have them removed at the risk and cost of the contractor.
10. The contractor shall make his own arrangement of water required for execution of work and get the water tested with regard to its suitability for use in the works and get written approval from the Engineer – in – charge before he proceeds with the use of same for execution of work.
11. The work shall be carried out in such a manner so as not to interfere / or adversely / or disturb other works being executed by other agencies, if any.
12. Any damage done by the contractor to any existing work or work being executed by other agencies shall be made good by him at his own cost.
13. The work shall be carried out in the manner complying in all respect with the requirement of relevant rules and regulations of the local bodies under the jurisdiction of which the work is to be executed and nothing extra shall be paid on this account.
14. ~~The contractor will have to make his own arrangement for obtaining electric connection from the State Electricity Board/Client Depart. and make necessary payment directly to the department concerned and / or install generators at the site of work, if required and nothing extra whatsoever will be payable on this account.~~
15. ~~The drawings for the work that will be issued by the Engineer – in – charge during execution of work shall at all times be properly correlated before executing any work and no claim whatsoever shall be entertained for discrepancies in the drawings.~~

16. The contractor shall maintain in good condition all work executed till the completion of entire work entrusted to the contract under this contract.
17. No payment shall be made to the contractor for damage caused by rain, flood and other natural calamities whatsoever during the execution of works and any damage to the work on this account shall have to be made good by the contractor at his own cost.
18. The rates for all items of work, unless clearly specified otherwise, shall include the cost of all labour materials, de – watering required, if any, and other inputs involved in the execution of the items.
19. Unless otherwise provided in the schedule of quantities, the rates tendered by the contractor shall be all inclusive.
20. No claim whatsoever for idle labour, additional establishments, costs of hire and labour charges for tools and plants etc., would be entertained under any circumstances.
21. For the safety of all labour directly or indirectly employed in the work for the performance of the contractor's part of this agreement, the contractors shall, in addition to the provision of CPWD safety code and directions of the Engineer – in – charge, make all arrangements to provide facility as per the provision of Indian Standard Specifications (Codes) listed below & nothing extra shall be paid on this account.

|    |                 |                                                             |
|----|-----------------|-------------------------------------------------------------|
| 1. | IS 3696 Part I  | Safety Code for scaffolds & ladders                         |
| 2. | IS 3696 Part II | Safety Code for scaffolds and ladders Part II               |
| 3. | IS 764          | Safety Code for excavation work.                            |
| 4. | IS 4138         | Safety Code for working in compressed air.                  |
| 5. | IS7293          | Safety Code for working with construction machinery.        |
| 6. | IS 7969         | Safety Code for storage and handling of building materials. |
| 7. | IS 4130         | Safety code for demolition of buildings.                    |

22. The contractor shall take all precautions to avoid all accidents by exhibiting necessary caution boards and by providing red flags, red lights and barriers. The contractor shall be responsible for any accident at the site of work and consequences thereof.
23. Other agencies working at site will also simultaneously execute the works entrusted to them and to facilitate their working, the contractor shall make necessary provisions e.g. holes, openings, etc. for laying / burying pipes, cables, conduits, clamps, hooks, operation for the execution of other agencies smoothly. The final finishing of the work is to be executed in co – ordination with other agencies as directed by the Engineer – in – charge.
24. On account of security considerations, there could be some restrictions on the working hours, movement of vehicles for transportation of materials and location of labour camp. The contractor shall be bound to follow all such restrictions and adjust the programme for execution of work accordingly.
25. In case of any difference in the Hindi version and English version in any of the condition of contract, English version shall prevail.
26. Contractor shall be responsible for the watch and ward of the materials lying at site/building in all respect till the handing over of building.

27. 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

~~28. INSURANCE POLICIES~~

~~Before commencing the execution of work, the Contractor shall, without in any way limiting his obligations and liabilities, insure at his own cost and expense against any damage or loss or injury, which may be caused to any person or property, at site of work. The Contractor shall obtain and submit to the Engineer-in-Charge "Contractors All Risk Insurance Policy" for an amount 1.10 times the contract amount for this work, with Engineer-in-Charge as the first beneficiary. The insurance shall be obtained in joint names of Engineer-in-Charge and the Contractor (who shall be second beneficiary). Also, he shall indemnify the Department from any liability during the execution of the work. Further, he shall obtain and submit to the Engineer-in-Charge, a third party insurance policy for maximum Rs.10 lakh for each accident, with the Engineer-in-Charge as the first beneficiary. The insurance shall be obtained in joint names of Engineer-in-Charge and the Contractor (who shall be second beneficiary). The Contractor shall, from time to time, provide documentary evidence as regards payment of premium for all the Insurance Policies for keeping them valid till the completion of the work. The Contractor shall ensure that Insurance Policies are also taken for the workers of his Sub-Contractors / specialized agencies also. Without prejudice to any of its obligations and responsibilities specified above, the Contractor shall within 10 days from the date of letter of acceptance of the tender and thereafter at the end of each quarter submit a report to the Department giving details of the Insurance Policies along with Certificate of these insurance policies being valid, along with documentary evidences as required by the Engineer-in-Charge. No work shall be commenced by the Contractor unless he obtains the Insurance Policies as mentioned above. Also, no payment shall be made to the Contractor on expiry of insurance policies unless renewed by the Contractor. Nothing extra shall be payable on this account. No claim for hindrance (or any other claim) shall be entertained from the contractor on these accounts.~~

~~29. Any dispute arising out of this bid including dispute related to encashment of any Bank Guarantee/ FDR etc, shall be subject to the jurisdiction of courts of Karnataka State only.~~

## **COMMERCIAL CONDITIONS**

### **2.0. GENERAL:**

- 1.1. This specification covers general information and particulars relating to this specification.
- 1.2. LOCATION: **at Kendriya Vidyalaya at KR Puram, Bangalore.** and will be required to operate under the climatic conditions.
- 1.3. The work shall be generally carried out as per tender specifications and in accordance with the following:
  - a) CPWD General Specifications for Electrical works Part-I: Internal 2023, Part-II: External 2023 as amended up to date.
  - b) CPWD General Specifications for Electrical Works Part VII D.G. Sets – 2013 as amended up to date
- 1.4. The tenderer should in his own interest visit the site and familiarize himself with the site conditions before tendering.
- 1.5. No T&P shall be issued by the department and nothing extra shall be paid on account of this.

#### **a. TECHNICAL CONDITIONS.**

**Please refer Additional conditions**

#### **b. TYPE OF CONTRACT: -**

The work to be awarded by this tender shall be treated as indivisible work contract **and the tender may be cancelled at any point of time without assigning any reason by the department.**

### **3.0. COMPLETENESS OF THE TENDER, SUBMISSION OF PROGRAMME, AND COMMENCEMENT OF WORK**

#### **(i) Completeness of the tender**

All sundry equipment's, fittings, assemblies, accessories, hardware items, foundation bolts, supports, termination lugs for electrical connections, cable glands, junction boxes and all other sundry items for proper assembly and installation of the various equipment's and components of the work shall be deemed to have been included in the tender, irrespective of the fact that whether such items are specifically mentioned in tender documents or not.

#### **(ii) Submission of programme**

Within fifteen days from the date of receipt of the letters of acceptance, the successful tenderer shall submit his programme for repair of equipment's, servicing, testing, commissioning and handing over of the installation to the Engineer-in-charge. This programme shall be framed keeping in view of the duration allowed for completion of work.

#### **(iii) Commencement of Work**

The contractor shall commence work as soon as the Programme submitted by him are approved. final taking over by the department.

### **4.0 RESTRICTION IN WORK**

Some restrictions may be imposed by the security staff etc. on the working and/or movement of labour, materials etc. The contractor shall be bound to follow all such restrictions/instructions and nothing extra shall be payable on this account. No claim for idle labour shall be entertained.

#### **5.0 NATURAL CALAMITY**

No payment will be made to the contractor for any damage caused by rain, snow fall, floods, dampness, fire, sun or any other natural cause whatsoever during the execution of work. The damage to the work due to above reasons, if any, shall have to be made good by the contractor at this own cost and no claim on this account shall be entertained.

#### **6.0 CARE OF BUILDING**

Care shall be taken, while handling / installing the equipment, to avoid damage to the building. The Contractor shall arrange to repair all damages to the building caused by him so as to bring to the original condition. He shall also arrange to remove all unwanted waste materials from site, arising out of his work.

The Contractor shall carry out the work in such a manner so as not to interfere or affect or disturb other works being executed by other agencies if any. No claim in the matter shall be entertained.

#### **7.0 RATES TAXES AND DUTIES:**

- (i) The work shall be treated as on works contract basis and the rates tendered shall be for complete items of works inclusive of all taxes ~~(including works contract tax)~~, duties, and levies etc. and all charges for items contingent to the work, such as packing, forwarding, insurance, freight and delivery, installation, testing, commissioning etc at site i/c temporary constructional storage, risk, overhead charges, general liabilities/ obligations etc.
- (ii) All Statutory deductions like Income Tax, Manual Workers Welfare Cess recovery etc at applicable rates will be made from the Contractors bill.
- (iii) **Statutory deduction of GST as applicable, CESS1% & IT 2% shall be recovered from the bills to payable to the contractor.**
- (iv) **The contractor has to carry out maintenance, routine as well as preventive, for a period of months from the date of handing over the installation as per manufacturer's recommendation / CPWD Specifications. Nothing extra shall be paid on this account.**

#### **8.0 PAYMENT TERMS:**

- 8.1 **The payment shall be made to the contractor on submission of bills etc as required. However, it may be delayed due to reason like non-availability of funds, LOC and other unforeseen reason.**
- 8.2 Deduction of Security Deposit shall be governed by standard/relevant clauses of CPWD 7/8.

#### **9.0 COMPLETION PERIOD**

The completion period indicated in the tender documents is for the entire work of repair ,servicing etc., arrangement of materials & equipments, delivery at site

including transportation, installation, testing, commissioning and handing over of the entire system to the satisfaction of the Engineer-in-charge

**10.0. COMPLIANCE WITH REGULATIONS AND INDIAN STANDARDS:**

10.01. 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 1948
- (ii) Indian Electricity Rules 1956
- (iii) B.I.S & Other standards as applicable.
- (iv) Workmen's Compensation Act 1923
- (v) Statutory norms prescribed by local bodies like CEA, Power Supply Co.

10.2. 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.

10.3. 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 as per prevailing rules 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.

**11.0. TRAINING** The contractor shall impart training to the operator deputed by the department at site for operational and attending the minor fault.

**12.0 MATERIAL APPROVAL**

The material brought at site shall be approved by the Engineer-in-Charge before use in the work. In case during execution any material being used in the work is found not as per agreement specifications, Engineer-in-Charge may issue instruction to the contractor to remove the materials from site and the contractor will be bound to do so.

**Executive Engineer (E) -I  
Central P.W.D., Bangalore-34.**

### **Additional Conditions and specifications**

#### **1. General:**

This specification covers manufacture, testing as may be necessary before despatch, delivery at site, all preparatory work, assembly and installation, commissioning etc.

1.1.1. Bangalore

1.1.2. Location: The work has to be carried out **at Kendriya Vidyalaya at KR Puram, Bangalore.**

1.1.3. The work shall be executed as per CPWD General Specifications for Electrical Works Part-I & II -2023 and Part VII-2013 as amended up to date, relevant I.E. Rules, BIS/IEC and as per directions of Engineer-in charge. These additional specifications/ conditions are to be read in conjunction with above and in case of variations, specifications given in these additional conditions 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.

1.1.4. The tendered should in his own interest visit the site and get familiarize with the site conditions before tendering.

1.1.5. No T&P shall be issued by the Department and nothing extra shall be paid on account of this.

1.1.6. The Work is lighting designed based. The work shall start only after necessary approval by the engineering in charge for the designs submitted by the agency before start of the work .

#### **2. Guarantee & Defect Liability Period:**

All equipments shall be guaranteed for a period of 12 months (except LED fittings which shall be guaranteed for minimum 5 years), from the date of taking over the installation by the department, against unsatisfactory performance and/or break down due to defective design, workmanship or material. The equipments or components, or any part thereof, so found defective during guarantee period shall be forthwith 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 the Engineer-in-charge in this regard shall be final & binding on the contractor.

The tenderer shall guarantee among other things, the following vis-à-vis specifications.

- a) Quality, strength and performance of the materials used.
- b) Satisfactory operation during the maintenance period
  - (i) Ceiling fans, Exhaust fans are to be guaranteed for 1(one) Year including lamps.
  - (ii) LED fittings, as a whole including driver are guaranteed for 5 years. All the LED fittings are to be suitably engraved/ stickered inside with for date of handing over.
  - (iii) The guaranty for LED fittings is to be got submitted from the manufacturer also in addition to the guarantee from the 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 5 years .

**3. Data and Programme to be furnished by the tenderers:**

The Contractor shall prepare the programme chart for the execution of the work showing clearly all activities from the start of work to the completion required for the completion of the work within the stipulated period and submit the same to the Engineer-in-Charge within fifteen days after the issue of letter for commencement of the work. The Contractor shall also submit monthly programme and progress reports and update / re-schedule the same every month. These shall be submitted by the contractor in soft copy also besides forwarding hard copy of the same.

**4. Extent of work:**

The work shall comprise of entire labour including supervision and all materials necessary to make a complete installation and such tests and adjustments and commissioning as may be required by the department.

Minor building works necessary like making of opening in walls or in floors and restoring to their original condition, finish and necessary grouting etc as required to be undertaken.

**5. Verification of correctness of material at Destination:**

The contractor shall have to produce all the relevant records to certify that the genuine material from the manufacturers has been supplied and erected.

6. The main contractor shall also enter into a 'Memorandum of understanding' with the approved associated contractor on Non-Judicial Stamp Paper as per the enclosed proforma and submit this 'MOU' duly completed (duly signed by him and the associated Contractor) before commencement of work.

7. Executive Engineer (Elect.) shall be the Engineer-in-Charge as far as electrical works are concerned. Separate tender form for electrical component is appended with this tender. It will be obligatory on part of the main contractor to sign the tender documents for all the components.

8. The main agency shall be responsible for all acts of omissions and submissions of the Associated Contractor engaged by him, even with approval of department.

9. Approval of the Engineer-in-charge shall be taken well in advance for all the materials to be supplied and used in all the works by the contractor.

10. The contractor has to make his own arrangements for stores and watch and ward and no extra claim for this will be entertained.

11. Running payment for Electrical/Mechanical components shall be made by the EE (E) directly to the main Contractor. The main contractor shall make the payment to associated Contractor within 15 days of receipt of each running account payment.

**12. Payments terms:**

The payment for the various items in the tender shall be graduated in the following manner based on the assessment of the Engineer in Charge

| Sl. No. | Stage of Work | Percentage of |
|---------|---------------|---------------|
|---------|---------------|---------------|

|   |                                                                                             | <b>Rate</b> |
|---|---------------------------------------------------------------------------------------------|-------------|
| 1 | Supplying of materials                                                                      | 70%         |
| 2 | On completion of installation on pro-rata basis                                             | 15%         |
| 3 | On completion of testing and commissioning                                                  | 10%         |
| 4 | Successful Handing over and submission of as built drawings with complete set of catalogues | 5%          |
|   | <b>TOTAL</b>                                                                                | <b>100%</b> |

13. The payment shall be made to the contractor on submission of bills etc as required. However, it may be delayed due to reason like non- availability of funds, LOC and other unforeseen reason. The Contractor shall not claim anything extra in such contingencies but shall make regular and timely payment to his workers deployed for the work.
14. The main contractor shall be responsible for coordinating the activities of all works and will ensure progress of works as per laid down programme.
15. The main contractor and / or his Associated Contractor or his representative is bound to sign the site order book as and when required by the Engineer-in-charge and will comply with the remarks therein.
16. The contractor shall make his own arrangement at his own cost for electrical / General Tools and plants required for the work.
17. The connections, inter-connections, earthing and loop earthing shall be done by the contractor wherever required to be done for energisation of the installation and nothing extra shall be paid on this account.
18. The contractor must be able to work on concrete slabs / walls as and when required and in complete coordination with the civil works. Cutting of chases in the plastered wall shall in no case be allowed. The contractor shall fix conduits and boxes in the walls soon after the brick work is completed and finish the chase to rough surface with proper cement sand mixture. Only in exceptional cases e.g. where cutting of plastered surface cannot be avoided it will be contractor's responsibility to ensure that plastering is done to match the original finish at no extra cost.
19. The contractor shall remove all the debris due to the electrical works from the site as soon as the work is completed.
20. The rupturing capacity of the MCB's shall be 10 KA minimum. The MCB's shall have ISI mark. Quantities of MCBs of different rating of 6 amps to 32 amps shall be brought in consultation with the Engineer-in-Charge or his representative.
21. All the MCCBs shall be rated for Ics only, as specified.
22. The copper wire to be used on this work shall be FRLS type and ISI marked.
23. The Electrical works shall be carried out by the contractor, side by side with the progress of the civil works.
24. The Contractor shall furnish documentary proof like delivery challans of purchasing Wires, Modular switches & accessories, MCBs, MCBDB, Fittings, accessories and other items from the manufacturers or their authorized dealers to the satisfaction of the Engineer-in-charge.
25. The contractor shall submit the completion plan separately in triplicate on blue print/ computer plotted with one set on tracing "Cloth" as per

Clause-8 of the contract within 30 days of the completion of work. In case, the contractor fails to submit the plan, he shall be liable to pay a sum equivalent to 2.5% of the value of the work subject to a ceiling of Rs.25000.00

26. Materials to be used in work are to be ISI marked. The make of the materials have been indicated in the list of acceptable makes. No other makes will be acceptable. The materials to be used in the work shall be got approved by the Engineer in Charge / his representative before its use at site. The E-in-C shall reserve the right to instruct the contractor to remove the material which, in his opinion, is not acceptable.
27. The work should be carried out in **Kendriya Vidyalaya at KR Puram, Bangalore...**
28. statutory deductions like Income tax, Labour welfare cess & GST, etc. shall be made from the bills.
29. MOBILIZATION ADVANCE:  
No mobilization advance shall be paid for this work.
30. INSURANCE AND STORAGE:  
All consignments are to be duly insured up to the destination from warehouse at the cost of the contractor. The insurance covers shall be valid till the equipment is handed over duly installed, tested and commissioned.
31. The successful agency shall make his own arrangement for storage i/c watch and ward of materials whether the same brought by him or supplied by the department. He shall remain responsible for watch and ward of installation and other materials till final testing & handing over to the department.
32. The work is to be carried out in workman like manner & generally in accordance with the plans. However, the contractor will be bound to carry out the work with minor deviations over the plans supplied if desired by the Engineer-in-Charge.
33. The Contractor has to make his Own arrangement for the storage of the material at site and necessary watch and ward of the electrical installation during the execution of work till the same is handed over to the department. No extra payment will be made on this account. The storage space shall however be arranged by the department at the site, if required.
34. Proper earthing & earthing test report to be submitted by the contractor.
35. The contractor shall be complete the work in time as mentioned in schedule , if not complete in time then contractor should be responsible for the extension of time to get from KPTCL/BESCOM & any payment for extension & resubmission of all application will be to contractor .
36. All hardware, fastening material viz. nuts, bolts, washer and screws etc. to be used on work shall be of zinc/chromium plated MS iron.
37. The work shall be carried out in engineering like manner and bad workmanship shall be rejected summarily. For redoing the job, no claim of the contractor shall be entertained on this account.
38. The contractor shall coordinate with all other agencies involved in the building work so that the building work is not hampered due to delay in his work.
39. Bad workmanship is liable to be rejected.
40. Contractor shall preserve the copies of invoices, test certificates, gate passes etc. to prove the genuineness of material/purchases. The responsibility of procurement, genuine material of specialized works shall rest with the contractor.

41. The Contractor shall use any of the following makes for use in the work as below after obtaining the approval of the Engineer-in-Charge.
42. The rates quoted by the firm should be inclusive total installation cost which includes the cost of scaffolding or any machinery for working at height. Nothing extra can be claimed on this account.
43. Before quoting rate the bidder must visit site and quote rate and no delay is permitted in executing the work and work has to be completed strictly within **02 (Two) Months**.
44. All the dismantled materials etc should be handed over to the department as per terms& condition
45. Materials to be used in work are to be ISI marked. The make of the materials have been indicated in the list of acceptable makes. No other makes will be acceptable. The materials to be used in the work shall be got approved by the Engineer in Charge/ his representative before its use at site. The E-in-C shall reserve the right to instruct the contractor to remove the material.

### **Additional Conditions and SPECIFICATION of DG set**

The tenderer shall submit detailed schematic diagram for the approval of the Engineer in charge. He will make sure that the equipment offered shall fulfill the design conditions. All the equipments and their installation shall be suitable for the environmental conditions encountered at the location as indicated in specifications.

The acoustic enclosure (Canopy) shall be manufactured by respective engine OEM/OEA and should be CPCB norms compliant. Only model Numbers having Type Approval and valid conformity of production certificate for noise level as per CPCB norms shall be accepted. Copies of Type approval and COP certificate have to be submitted at the time of submission of drawings for approval.

The canopies manufactured by OEM/OEA are only acceptable.

The number and size of the MS pipe for exhaust piping shall be as per the recommendation of the engine manufacturer. Wherever 2 numbers exhaust pipes are recommended by the engine manufacturer, the number of silencer shall also be 2 numbers.

1.0 Conformity to Statutory Acts, Rules, Regulations, Standards and safety Codes.

1.1 CPWD Specifications:

The work shall be carried out as per CPWD General Specifications for Electrical Works, Part VII (DG SET works) 2013 as amended upto date along with the following changes, CPWD General Specifications for Electrical Works Part-I, II & IV, as amended upto date, relevant IE rules, and as per directions of Engineer in charge. For electrical panels, CPWD General Specifications for Electrical Works Part-IV shall be applicable.

2 Indian Electricity Act and Rules:

All electrical works in connection with installation shall be carried out in accordance with the provision of Indian Electricity Act 2003 and Indian Electricity Rules 1956, both amended up-to date.

2.1 Indian Standards:

All the components shall confirm to relevant Indian Standard specifications, wherever existing, amended to date.

2.2 Fire Regulation:

The installation shall be carried out in conformity with the local Fire Regulations and Rules there under wherever they are in force and the provisions in local bye-laws, if any.

2.2 Safety Code and Labour Regulation:

In respect of all labour employed directly or indirectly on the work for the performance of contractor's part of work, the contractor at his own expense, will arrange for the safety provisions as per the statutory provisions, B.I.S. recommendations, factory act, 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 for Rs. 2000/- per week for each violation. In addition the Engineer in charge, shall be at liberty to make arrangements and provide facilities as aforesaid and recover the cost from the contractor.

The contractor shall provide necessary barriers, warning signals and other safety measures while executing the work of DG set installation, cables etc. or 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 damaged incurred or claims arising there from during the execution of work. The contractor 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 contractor due to the above provisions thereof.

2.3 Central Pollution Control Board (CPCB) norms:

The emission limits of DG sets shall be as per Gazette Notification GSR 804 (E) dtd. 03.11.2022 of Ministry of Environment & Forests and climate change (The environmental (protection) Third Amendment Rules 2022)

The firm need to furnish the certificate of Type approval and certificate of conformity of production issued by the Central Pollution Control Board (CPCB IV+ norms) or any authorized agency as prescribed in the above law.

3.0 Scope of work

**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:

Foundations for equipments including vibration isolation springs / pads, making good all damages caused to the structure during installation and restoring the same to their original finish.

Minor building works necessary for installation of equipments, foundation trench for fuel line & cable, making of opening in walls or in floors and restoring them to their original condition/finish and necessary grouting etc. as required.

All supports for exhaust & water pipes, chimney, bus trunking (if included in scope of contract), cables, anti-vibration pads etc. as are necessary.

All electrical work and neutral earthing, body earthing, required for engine & alternator, main board / control panels, and control wiring including loop earthing, if specified in Schedule of Work.

All pipes, bus Trunking and / or cable connections.

POL i.e. HSD oil and lub.oil for diesel engine for testing & commissioning for 13 hours i/c 1hr of 10% overloading at OEA/ OEM works shall be arranged by the contractor. After successful testing and commissioning of the D.G. Set a trail run at available load will be carried out for 120 Hrs or 15 days whichever is earlier. The D.G. Set will be operated and log of all relevant parameters will be maintained during this period. The arrangement of staff for trail run / running in period will be made by the successful tenderer. However, diesel shall be provided by the department. The date of taking over of the D.G. Set after trouble free operation during the trail run / running in period shall be the date of acceptance / taking over.

Painting of all exposed metal surfaces of equipments and components with appropriate colour.

Clearance / Approval of the complete installation from CPCB/ State Pollution Control Board, Central Electricity Authority (CEA)/ Local Bodies and other licensing authorities, wherever required.

4.0 Acceptable make:

Approved makes of materials to be used in the work have been appended with tender Document.

5.0 Diesel Engine

5.1 Engine rating

The engines shall be of standard design of the original manufacturers. It should be 4 stroke cycles, water cooled, naturally aspirated / turbo charged (as per manufacturers standards) diesel engine developing suitable BHP for giving a power rating as per ISO 8528 part- I in KVA at the load terminals of alternator at 1500 RPM at actual site conditions.

The engines shall be capable for delivering specified prime power rating at variable loads for PF of 0.8 lag with 10% overload available in excess of specified output for one hour after every 12 hours. The average load factor of the engine over period of 24 hours shall be 0.85 (85%) for prime power output. The engines shall conform to BS 5514 / BS 649 / IS 10000 / ISO: 3046 amended up to date.

6.0 Control Panel

6.1 Location:

Associated control panel of DG set can be located inside the acoustic enclosure or outside the acoustic enclosure as per the manufacturer's standard. In case the AMF panel is to be installed outside the acoustic enclosure, it should be closer to the acoustic enclosure in consultation with the Architect.

7.0 Foundation

Scope: This section covers details of foundations for DG set with acoustic enclosures.

Genset with acoustic enclosure:

- 8.0 Acoustic enclosure:
- 8.1 The enclosure shall be made of from OEMs only, who are approved / certified by CPCB.
- 8.2 The acoustic enclosure shall be designed and manufactured confirming to relevant standards suitable for outdoor installation exposed to weather conditions, and to limit overall noise level to 75 dB (A) at a distance of 1 metre from the enclosure as per CPCB norms, as amended up to date, under free field conditions.
- 8.3 The construction should be such that it prevents entry of rain water splashing into the enclosure and allows free & quick flow of rain water to the ground in the event of heavy rain. The detained construction shall confirm to the details as under:
- 8.4 The acoustic enclosure will be made on the basis of modular construction i.e made in parts and can be assembled or disassembled at site. All members will be properly gasketed and bolted together. The structure should be weather proof.
- 8.5 The enclosure will be totally enclosed type made of high quality CRCA sheet of thickness at least 16 SWG. (1.6 mm)
- 8.6 The sheet metal components shall be hot dip seven tanks pre-treated before powder coating. The enclosure shall be powder coated (inside as well outside) with a special pure polyester based powder. All nut and bolts / external / hardware shall be made of Stainless Steel.
- 8.7 Sound proofing of the enclosure shall be done with high quality Fire Retardant insulation material i.e. Glass wool / mineral wool of appropriate thickness confirming to relevant IS. The sound proofing materials would be further covered with fine glass fiber cloth and would be supported by perforated MS sheet duly powder coated.
- 8.8 The doors shall be gasketed with high quality gaskets to prevent leakage of sound and the door handles shall be lockable type.
- 8.9 There shall be a provision for filling fuel from outside the enclosure with locking arrangement. Fuel tank should have provision for cleaning.
- 8.10 The provision of external drain plug shall be kept for draining lub oil and diesel.
- 8.11 Especially design attenuators shall be provided to control sound at air entry exit point.
- 8.12 Especially design residential silencer shall be provided within the enclosure to reduce exhaust noise.
- 8.13 Adequate ventilation shall be provided to meet total air requirement. If necessary suitable numbers of axial flow fan and exhaust fan of suitable diameter shall be provided as per manufacturer.

- 8.14 The temperature rise inside the enclosure should not be more than 50 C for maximum ambient above 40 deg.C and it should be below 100 C for ambient below 40 deg.C.
- 8.15 Temperature Control Relay which continuously indicates the inside temperature of the canopy with variable setting for tripping the generator.
- 8.16 There shall be a provision of emergency shutdown from outside the enclosure.
- 8.17 Acoustic enclosure will be provided with flexible exhaust pipe connection with adequate and suitable arrangement of mounting of the residential silencer mounted on the top and concealed in the body of the enclosure. The exhaust pipe will be provided with asbestos rope insulation of 10mm thick and covering with aluminium foil. The exhaust pipe inside the enclosure must be lagged (except below).
- 8.18 The DG set will be provided with special spring mounted vibration damper to eliminate the vibration when DG set is working on full load.
- 8.19 The front panel should include engine RPM meter electrically operated.
- 8.20 The Fuel gauge shall have electrically operated – fuel gauge shall have to inside the enclosure.
- 8.21 There should have a provision of DC Emergency light operated automatically with door opening.
- 8.22 The inside of the enclosure shall be illuminated by the suitable rating LED lamps / Fixtures controlled by a 5A switch for adequate lighting during servicing etc. of the DG Set. The power supply to this luminaire should be from the load side of the AMF Panel so that it can remain energized under all conditions.
- 9.0 Inspection and Testing  
The successful tenderer will arrange staff / fuel / POL for test run at his cost.
- 9.1 Testing shall necessarily be carried out at factory / manufacturer premises in presence of representative of the department/as per decision of Engineer in charge.
- 9.2 For testing following procedure will be followed: All major items / equipments i.e. engine and alternator in assembled condition, associated electrical control panels etc. shall be offered for inspection and testing at factory / manufacturers works. The successful tenderer shall give a notice of minimum two weeks for carrying out such tests. The Engineer in charge / or his authorized representative shall witness such inspection & testing at mutually agreed date. The cost of the Dept's representative's visit to the factory will be borne by the Department.
- 9.3 The department also reserves the right to inspect the fabrication job at factory and successful tenderer has to make arrangements for the same.

- 9.4 DG set will be tested on load of unity power factor for the rated KW rating. During testing, the DG set covered under scope of the work, shall be operated for a period of 12 hours on the rated KW at DG set's KW rating i/c 1 hour of 10% over load after continuous run of the 12 hours. During testing all controls / operations safeties will be checked and proper record will be maintained. Any defect / abnormality noticed during testing shall be rectified. The testing will be declared successful only when no abnormality / failure is noticed during the testing. The DG set will be cleared for dispatched to site only when the testing is declared successful by authorized representative / Engineer in charge.
- 9.5 Trial Run / Running-in-Period
- After successful testing of the DG Set, a trial run at available load will be carried out for 120 Hours or 15 Days whichever is earlier. The DG Set will be operated and a log of all relevant parameters will be maintained during this period. The arrangement of staff for trial run / running in period will be made by the successful tenderer. However, diesel shall be provided by Department.
- The contractor will be free to carry out necessary adjustments. The DG Set will be said to have successfully completed the trial run, if no break-down or abnormal / unsatisfactory operation of any component of the entire installation included in the scope of work of the contract, occurs during this period. After this the DG Set will be made available for beneficial use. After the DG Set has operated without any major break-down/ trouble, it shall be taken over by the department subject to guarantee clause of the contract. This date of taking over of the DG Set, after trouble free operation during the trial run / running-in period, shall be the date of acceptance / taking over.
- 9.6 Safety measures
- All equipments shall incorporate suitable safety provisions to ensure safety of the operating personnel as per manufacturers' standard practice.
- 9.7 STATUTORY CLEARANCE(S)
- Approval / clearance of the complete installation shall be obtained by the contractor from CPCB / State pollution Control Boards / Local Bodies / Central Electricity Authority (CEA) / other licensing authorities wherever required. However, application shall be made by Department and any statutory fee, as applicable, shall be paid by Department directly to the govt. authorities concerned.

**SPECIFICATIONS:**

| <b>Sl. No.</b> | <b>Description</b>                       | <b>Remarks</b>               |
|----------------|------------------------------------------|------------------------------|
| <b>I)</b>      | <b>DIESEL ENGINE:</b>                    |                              |
| 1.             | No. of Cylinders                         | Multi Cylinder               |
| 2.             | Rated R.P.M                              | 1500                         |
| 3.             | Method of Starting                       | Elect. Start using a battery |
| 4.             | Aspiration Method                        | Natural/Turbo Aspirated      |
| 5.             | Number and type of exhaust pipe required | Single, ERW, MS „B" Class    |
| 6.             | Whether meets CPCB norms for Emission    | CPCB-IV+                     |
| 7.             | Any other data                           |                              |
| i)             | Governor                                 | Cl. A2, Electronic           |
| ii)            | Silencer                                 | Residential                  |
| iii)           | Fuel tank capacity                       | As per OEM standard          |
| iv)            | Fuel pipe                                | As per OEM standard          |

| <b>Sl. No.</b> | <b>Description</b>                                              | <b>Remarks</b>                |
|----------------|-----------------------------------------------------------------|-------------------------------|
| <b>II)</b>     | <b>ALTERNATOR:</b>                                              |                               |
| 1.             | Make                                                            | As per List of approved makes |
| 2.             | Type                                                            | Brushless, 3 phase, 4 wire    |
| 3.             | Rated voltage                                                   | 415V                          |
| 4.             | Enclosure Details                                               | SPDP                          |
| 5.             | Full load output in KVA                                         | As per BOQ                    |
| 6.             | Full load output in KW at 0.8 PF                                | As per BOQ                    |
| 7.             | Designed over load capacity at max. ambient temp                | 10%                           |
| 8.             | Degree of protection                                            | IP-23                         |
| 9.             | Class of Insulation of rotor                                    | F/H                           |
| 10.            | Class of Insulation of stator                                   | F/H                           |
| <b>III)</b>    | <b>GENERAL</b>                                                  |                               |
|                | Noise Level of DG Set at One Metre away from Acoustic Enclosure | 75 d                          |
|                | <b>ACOUSTIC ENCLOSURE</b>                                       |                               |

|    |                            |                                                                                                                                                                                                                                                                                                                                 |
|----|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. | Make                       | OEM /OEA                                                                                                                                                                                                                                                                                                                        |
| 2. | Size                       | As per Manufacturer Std                                                                                                                                                                                                                                                                                                         |
| 3. | Details of Acoustic lining | Fire retardant insulation material<br>Like glass wool/mineral wool/PU<br>foam of minimum 50 mm<br>thickness with outside enclosure<br>made of 1.6mm thick high quality<br>CRCA sheet (powder coated) and<br>inner cover made of 0.60 mm thick<br>perforated powder coated CRCA<br>sheet / 0.50 mm thick perforated<br>GI sheet. |
| 4. | Emergency stop             | Required                                                                                                                                                                                                                                                                                                                        |
| 5. | Gland plate                | Removable                                                                                                                                                                                                                                                                                                                       |
|    | <b>AMF Panel</b>           |                                                                                                                                                                                                                                                                                                                                 |
| 1. | Make                       | OEM /OEA                                                                                                                                                                                                                                                                                                                        |
| 2. | Size                       | As per Manufacturer Std                                                                                                                                                                                                                                                                                                         |

**LOWEST BIDDER TO SUBMIT THIS MAF ALONG WITH PG**  
**Manufactures' Authorization Certificate (MAF) (to be filled by OEMs)**

To,

**Executive Engineer(E) -I**  
**CPWD, Bangalore**

Subject: Manufactures' Authorization Certificate for Bid Number:

Sir,

We.....**OEM Name**..... having our registered office .....who are established and reputed original equipment manufacturers (OEMs) having factories at { addresses of manufacturing location } do hereby authorize .....**Bidder name and address**..... who is our {distributor / Channel Partner / retailer / other <please specify>} to bid, negotiate and conclude the contract with you against and aforementioned reference for the following Hardware / Software manufactured by us.

We also hereby declare that we will support fully for supply of all genuine spares components and software up gradation for the installed system for five years from the date of commissioning of system and also attend any manufacturing defect for five years on behalf of the bidder.

Yours faithfully,

For and on behalf of M/s

(Authorized signatory)

Name, designation & contact no.

Email Id:

Address:

Seal

**NIT No. . 46/EE(E)-I/Bangalore/2026-27(1<sup>st</sup> Recall)**

**Name of work: Providing of 25 KVA DG Set with allied works for Kendriya Vidyalaya at KR Puram, Bangalore...**

**List of Preferred Makes (Brands) of Materials**

| <b>S NO</b> | <b>DESCRIPTION</b>                                                           | <b>PREFERRED MAKES</b>                                                                                                       |
|-------------|------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|
| 1           | WIRES (PVC INSULATED COPPER CONDUCTOR CABLE FRLS-ISI MARKED)                 | UNIVERSAL / HAVELLS / KEI / POLYCAB / ANCHOR / RALLISON / ASHIRVAD CAB/BONTON                                                |
| 2           | MCB DBS/ MCBS / RCCBS / MCCBS/ INDUSTRIAL SOCKET OUTLETS                     | LEGRAND / SIEMENS / SCHNEIDER / LK / ABB / HAGER / C&S                                                                       |
| 3           | 1.1 KV GRADE ALUMINIUM & COPPER CONDUCTOR, XLPE INSULATED ARMoured UG CABLES | UNIVERSAL / HAVELLS / KEI / POLYCAB / ANCHOR/ GLOSTER / RALLISON / ASHIRVAD CAB/BONTON                                       |
| 4           | CABLE GLAND / LUGS / THIMBLES                                                | COMMET / DOWELLS / RAYCHEM                                                                                                   |
| 5           | HDPE PIPE / DWC (ISI MARKES)                                                 | SUPEREME / REX / DURALINE                                                                                                    |
| 6           | MS / GI PIPE (ISI MARKED)                                                    | TATA / JINDAL / SAIL                                                                                                         |
| 7           | LT/APFC PANELS (NON TTA)                                                     | ANY CPRI APPROVED MANUFACTURERS HAVING 7 In House TANK PROCESS, Powder Coating (The decision of Engineer-In-Charge is final) |
| 8           | SFU/ FSU/ CHANGE OVER SWITCH/ HRC FUSE                                       | SIEMENS/ LEGRAND/ HPL/ SOCOMEC/ ELECON                                                                                       |
| 9           | SELECTOR SWITCHES                                                            | KAYEE / SALZER / SIEMENS / HPL / BCH / L&T / LEGRAND                                                                         |
| 10          | DIESEL ENGINE                                                                | CUMMINS / KIRLOSKAR / MITSUBISHI / CATER PILLAR                                                                              |
| 11          | ALTERNATORS                                                                  | STAMFORD / KIRLOSKAR GREEN / LEROYSOMER / SIEMENS                                                                            |
| 12          | AMF PANEL                                                                    | OEA / OEM OF DG SETS                                                                                                         |
| 13          | MS CHANNELS / MS PIPES                                                       | SAIL / TATA / JINDAL                                                                                                         |
| 14          | ALL OTHER ITEMS NOT COVERED ABOVE                                            | AS PER APPROVAL OF THE ENGINEER IN CHARGE                                                                                    |

**NOTE:** LM-79 and LM-80 certificate shall submitted along with LED fittings and also test certificates shall be submitted from third party NABL accredited

lab. The Engineer-in-charge, CPWD reserves the right to add or delete any materials and makes / brands in the list of preferred makes of materials / brands.

**Executive Engineer (E)-I,  
CPWD, Bangalore**

## **ANNEXURE- I**

### **Location and Addresses of Officers**

#### **Location:**

The work shall be carried out at the premises of at, **Kendriya Vidyalaya at KR Puram, Bangalore..**

#### **Addresses:**

The Address of the Officers of the CPWD connected with this work is given below:-

- A) The Executive Engineer (E) -I  
Central P. W.D,  
Bangalore-34  
Tel.(O) No: 080-25521181,  
Fax No: 080-25500930.
- B) The Assistant Engineer (E),  
Bangalore Central Electrical Sub Division - III  
Central Public Works Department  
Bangalore – 560071

\$\$\$\$\$\$\$\$\$\$\$\$\$\$

**EXECUTIVE ENGINEER (E) -I  
Central P.W.D, Bangalore-34**

| <b><u>SCHEDULE OF WORK</u></b>                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |            |             |             |               |
|------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|-------------|-------------|---------------|
| <b>Name of work: Providing of 25 KVA DG Set with allied works for Kendriya Vidyalaya at KR Puram, Bangalore.</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |            |             |             |               |
| <b>S.No.</b>                                                                                                     | <b>Description of Item</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <b>Qty</b> | <b>Rate</b> | <b>Unit</b> | <b>Amount</b> |
|                                                                                                                  | <b>SUB HEAD-I (DG Set)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |            |             |             |               |
| 1                                                                                                                | Supply, installation, Testing & Commissioning of 'Silent Type Diesel Generating set as per CPCB IV + or better norms along with having Prime Power Rating of KVA as below, 415 volts at 1500 RPM, 0.8 lagging power factor at 415 V suitable for 50 Hz, 3 phase system & for 0.85 Load Factor, including testing at factory and site with fuel, load for test and other necessary arrangements Complete as per CPWD specifications, should have QR code which should contain drawing, test report OEM manual, Geo- Tag of manufacturing location, rating plate as per relevant IS Code etc. and consisting of the followings:                                                                                                                                                              |            |             |             |               |
|                                                                                                                  | (A) Diesel Engine:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |            |             |             |               |
|                                                                                                                  | Tourbocharged Diesel engine 4 stroke water cooled, multi cylinder, dynamically balanced fly wheel, electric start of suitable BHP at 1500 RPM suitable for above output of alternator at 40 Degree C, 50% RH & at 1000 Meter MSL , capable of taking 10% over loading for one hour after 12 hours of continuous operation. The engine will be with Electronic governor, Dry type Air filter with service indicator, first filling of engine fuel (after commissioning) lubricating Oil, Coolant and other consumables complete with all the required accessories, the Electronic governor shall be as per ISO 8528. The engine shall comply to the latest CPCB norms (CPCB IV + or better) and Conforming to BS 5514, BS 649, IS 10000, IS 10002, IS 13018 and as per CPWD specifications. |            |             |             |               |
|                                                                                                                  | (B) Engine mounted Instrument Panel fitted with and having digital display for following:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |            |             |             |               |
|                                                                                                                  | (i) Start-stop switch with key                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |            |             |             |               |
|                                                                                                                  | (ii) Water temperature indication                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |            |             |             |               |
|                                                                                                                  | (iii) Lubrication oil pressure indication                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |            |             |             |               |
|                                                                                                                  | (iv) Lubrication oil temperature indication                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |            |             |             |               |
|                                                                                                                  | (v) Battery charging indication and Voltage indication                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |            |             |             |               |
|                                                                                                                  | (vi) RPM indication                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |            |             |             |               |
|                                                                                                                  | (vii) Over speed indication                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |            |             |             |               |
|                                                                                                                  | (viii) Low lubrication Oil trip indication                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |            |             |             |               |

|  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |  |  |  |
|--|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|
|  | (ix) Engine Running Hours indication                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |  |  |  |
|  | (x) Fuel Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |  |  |  |
|  | (C) Alternator:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |  |  |  |
|  | Synchronous alternator rated of appropriate KVA, 415 volts at 1500 RPM, 3 phase 50 Hz, AC supply with 0.8 lagging power factor at 40 Degree C, 50% RH & at 1000 Meter MSL. The alternator shall be having Screen Protected Drip Proof (SPDP) enclosure IP23, brushless, continuous duty, dynamically balanced rotor, capable of taking 10% over loading for one hour after 12 hours of continuous operation, self cooled, self-excited and self-regulated through AVR conforming to IS13364(Part 2)/IS: 4722/BS 2613 suitable for tropical conditions and with class- H insulation. |  |  |  |  |
|  | (D) Base Frame & Foundation:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |  |  |
|  | Both the engine and alternator shall be mounted on suitable base frame made of MS channel with necessary reinforcement which shall be installed on suitable cement concrete foundation and vibration isolation arrangement as per recommendations of manufacturer.                                                                                                                                                                                                                                                                                                                  |  |  |  |  |
|  | (E) FUEL TANK:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |  |  |  |
|  | Daily service fuel tank of suitable liters capacity as per CPWD Specifications, fabricated out of 3 mm thick M.S. sheet complete with all standard accessories and fuel piping between fuel tank and diesel engine with MS class 'C' pipes of suitable dia. Complete with valves, level indications & accessories as required as per specifications.                                                                                                                                                                                                                                |  |  |  |  |
|  | (F) Exhaust System:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |  |  |
|  | Dry exhaust manifold with hospital type exhaust silencer and catalytic convertor.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |  |  |  |
|  | (G) Starting System:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |  |  |  |
|  | 12V/24V DC starting system comprising of starter motors: voltage regulator and arrangement for initial excitation complete with suitable numbers of batteries (180 AH capacity lead acid SMF type) as required as per specifications. The battery shall be housed inside the acoustic enclosure of DG Set.                                                                                                                                                                                                                                                                          |  |  |  |  |

|  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |  |  |  |
|--|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|
|  | (H) Acoustic and weather proof enclosure with arrangement for fresh air intake for cooling of the engine & alternator, extraction, discharging hot air in to the atmosphere and the temperature rise inside the enclosure, noise level outside enclosure. The acoustic enclosure should be suitable for cable connection/connection through bus-trunking. Such arrangements on acoustic enclosure should be water proof & dust-proof conforming to IP-65 protection. The enclosure shall be as per CPCB IV + or better norms etc. and as per CPWD specifications                                                                                                                                                                                                                                                                                                                                              |  |  |  |  |
|  | (I) AMF Panel:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |  |  |  |
|  | Free standing floor mounted IP 42 automatic mains failure control panel including auto bypass, suitable for KVA as below for silent type DG set complete with relays, timers, set of CTs for metering & protection and energy analyser to indicate currents, phase and line voltages, frequency, power factor, KWH, Kilo Volt Ampere Reative Hour (KVARH), KVA (Phase & Total), KW & provision for overload, short circuit, restricted earth fault, under frequency, power (aluminium) and control (copper ) cabling of suitable size upto 15 meter between AMF panel, LT Panel and DG Set including connection interconnection etc. as required, all complete and inter locking and communication/ Ethernet /RS485/SNMP port open protocol for BMS integration including suitable software, the panel shall be of DG Set OEM make etc. as per approved by Engineering in charge and including the following: |  |  |  |  |
|  | 1. Suitable numbers and appropriate capacity 4 pole motorised electrically operated draw out with cradle type 3 position ACB/ MCCB with electronic release for O/C & E/F and shunt trip.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |  |  |  |
|  | 2. Auto/Manual/Test/Off selector switch                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  |  |  |
|  | 3. Protection for under and over voltage phase reversal (2 nos Over voltage relay, 2 Nos. reverse power relay and 2 Nos. under voltage relay).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |  |  |  |
|  | 4. 3 Sets of current transformers 15 P 10 accuracy for protection and 15 VA class-I for metering                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |  |  |  |
|  | 5. Energy analyser unit to indicate current, Voltage( L-N & L_L), kW, kVA (Phase & Total), Frequency, KWH, PF.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |  |  |  |

|     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                          |             |      |                    |
|-----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|-------------|------|--------------------|
|     | 6. LED Indicating lamps for load on mains and load on set                                                                                                                                                                                                                                                                                                                                                                                                           |                          |             |      |                    |
|     | 7. Fuse/ MCB for instruments                                                                                                                                                                                                                                                                                                                                                                                                                                        |                          |             |      |                    |
|     | 8. Battery charger, complete with transformer/ rectifier, D.C. voltmeter and ammeter, selector switch for trickle, off and boost and current adjustment.                                                                                                                                                                                                                                                                                                            |                          |             |      |                    |
|     | 9. Main supply failure monitor                                                                                                                                                                                                                                                                                                                                                                                                                                      |                          |             |      |                    |
|     | 10. Supply failure timer                                                                                                                                                                                                                                                                                                                                                                                                                                            |                          |             |      |                    |
|     | 11. Restoration timer                                                                                                                                                                                                                                                                                                                                                                                                                                               |                          |             |      |                    |
|     | 12. Control unit with three impulse automatic engine start/stop and failure to start lockout.                                                                                                                                                                                                                                                                                                                                                                       |                          |             |      |                    |
|     | 13. Impulse counter with locking and reset facility.                                                                                                                                                                                                                                                                                                                                                                                                                |                          |             |      |                    |
|     | 14. ON/OFF/Control circuit switch with indicator                                                                                                                                                                                                                                                                                                                                                                                                                    |                          |             |      |                    |
|     | 15. Audio/Video annunciation for                                                                                                                                                                                                                                                                                                                                                                                                                                    |                          |             |      |                    |
|     | (i) High water temperature                                                                                                                                                                                                                                                                                                                                                                                                                                          |                          |             |      |                    |
|     | (ii) Low lubricating oil pressure                                                                                                                                                                                                                                                                                                                                                                                                                                   |                          |             |      |                    |
|     | (iii) Engine over speed                                                                                                                                                                                                                                                                                                                                                                                                                                             |                          |             |      |                    |
|     | (iv) Engine fails to start                                                                                                                                                                                                                                                                                                                                                                                                                                          |                          |             |      |                    |
|     | (v) Full load/maximum load warning                                                                                                                                                                                                                                                                                                                                                                                                                                  |                          |             |      |                    |
|     | 16. Protection for over/under Frequency, Loss of AC sensing, Over Current, Unbalancing load with suitable number of relays and accessories                                                                                                                                                                                                                                                                                                                          |                          |             |      |                    |
|     | 17. Maintenance notification based on Engine Run Hour & due date.                                                                                                                                                                                                                                                                                                                                                                                                   |                          |             |      |                    |
|     | 18. Load Management through PLC to achieve auto opening and closing of incomer breakers, bus coupler switching of essential panel , interlocking providing signal to AMF Panel for load status and AMF shall give command to DG Set to auto start / auto stop depending upon load status and requirement etc. and necessary hardware and software required to perform the operation shall be provided by the contractor including all control wiring (if required). |                          |             |      |                    |
| 1.1 | 25KVA                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 1.00                     | 4 59 535.00 | Each | 4 59 535.00        |
|     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <b>Total SUB HEAD -I</b> |             |      | <b>4 59 535.00</b> |

|     |                                                                                                                                                                                                                                                                                                                                                                                          |       |           |      |           |
|-----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-----------|------|-----------|
|     | <b>SH-II Cabling and Earthing</b>                                                                                                                                                                                                                                                                                                                                                        |       |           |      |           |
|     | <b>(LT Cabling)</b>                                                                                                                                                                                                                                                                                                                                                                      |       |           |      |           |
| 2   | Supply of XLPE insulated PVC outer sheathed aluminium conductor armoured UG cable of 1.1 kV grade confirming to IS: 7098 (Part-I) 1988 as amended upto date of following sizes duly ISI marked as required.                                                                                                                                                                              |       |           |      |           |
| 2.1 | 3.5 Core x 50 Sq.mm                                                                                                                                                                                                                                                                                                                                                                      | 80.00 | 844.00    | Mtr  | 67 520.00 |
| 3   | 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. |       |           |      |           |
| 3.1 | 63 mm dia (OD-63 mm & ID-51 mm nominal)                                                                                                                                                                                                                                                                                                                                                  | 60.00 | 289.00    | Mtr  | 17 340.00 |
| 4   | 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 pipe as required.                                                                                                                                                                                                                              |       |           |      |           |
| 4.1 | Above 35 sq. mm and upto 95 sq. mm                                                                                                                                                                                                                                                                                                                                                       | 60.00 | 72.00     | Mtr  | 4 320.00  |
| 5   | Laying and fixing of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size on wall surface as required.                                                                                                                                                                                                                                         |       |           |      |           |
| 5.1 | Above 35 sq. mm and upto 95 sq. mm (clamped with 25x3mm MS flat clamp)                                                                                                                                                                                                                                                                                                                   | 5.00  | 151.00    | Mtr  | 755.00    |
| 6   | 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 as required.                                                                                                                                                                                                                                  |       |           |      |           |
| 6.1 | Above 35 sq. mm and upto 95 sq. mm                                                                                                                                                                                                                                                                                                                                                       | 15.00 | 58.00     | Mtr  | 870.00    |
| 7   | 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.                                                                                                                                                                                  |       |           |      |           |
| 7.1 | 3½ X 50 sq. mm (35mm)                                                                                                                                                                                                                                                                                                                                                                    | 4.00  | 484.00    | Each | 1 936.00  |
|     | <b>( Earthing )</b>                                                                                                                                                                                                                                                                                                                                                                      |       |           |      |           |
| 8   | Earthing with copper earth plate 600 mm X 600 mm X 3 mm thick including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe of 2.7 metre long etc. with charcoal/ coke and salt as required.                                                                                                                                      | 2.00  | 15 004.00 | Set  | 30 008.00 |

|    |                                                                                                                                                                                                                                                   |       |                     |                                  |                    |
|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------------------|----------------------------------|--------------------|
| 9  | 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                                                    | 20.00 | 1 638.00            | Mtr.                             | 32 760.00          |
| 10 | Providing and fixing 25 mm X 5 mm copper strip on surface or in recess for connections etc. as required.                                                                                                                                          | 15.00 | 1 246.00            | Mtr.                             | 18 690.00          |
| 11 | Earthing with G.I. earth plate 600 mm X 600 mm X 6 mm thick including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe of 2.7 metre long etc. with charcoal/ coke and salt as required. | 2.00  | 8 351.00            | Set                              | 16 702.00          |
| 12 | Providing and fixing 25 mm X 5 mm G.I. strip in 40 mm dia G.I.pipe from earth electrode including connection with G.I. nut, bolt, spring, washer excavation and re-filling etc. as required.                                                      | 20.00 | 755.00              | Mtr.                             | 15 100.00          |
| 13 | Providing and fixing 25 mm X 5 mm G.I. strip on surface or in recess for connections etc. as required.                                                                                                                                            | 15.00 | 287.00              | Mtr.                             | 4 305.00           |
|    | <b>Total SUB HEAD -II</b>                                                                                                                                                                                                                         |       |                     | <b>RS.</b>                       | <b>2 10 306.00</b> |
|    |                                                                                                                                                                                                                                                   |       |                     |                                  |                    |
|    | <b>ABSTRACT OF COST</b>                                                                                                                                                                                                                           |       |                     |                                  |                    |
|    | <b>SUB HEAD-I (DG Set)</b>                                                                                                                                                                                                                        |       |                     | <b>Rs.</b>                       | <b>4 59 535.00</b> |
|    | <b>SH-II Cabling and Earthing</b>                                                                                                                                                                                                                 |       |                     |                                  | <b>2 10 306.00</b> |
|    |                                                                                                                                                                                                                                                   |       | <b>Total in Rs.</b> |                                  | <b>6 69 841.00</b> |
|    |                                                                                                                                                                                                                                                   |       |                     |                                  |                    |
|    | <b>Assistant Engineer (E) (P)</b>                                                                                                                                                                                                                 |       |                     | <b>Executive Engineer (E) -I</b> |                    |
|    | <b>CPWD, Bangalore</b>                                                                                                                                                                                                                            |       |                     | <b>CPWD, Bangalore</b>           |                    |