ANNEXURE - 20A.13.1

(New Annexure as per OM /MAN/224B, Modified as per DG/MAN/ 328)

INFORMATION AND INSTRUCTIONS FOR BIDDERS FOR E-TENDERING FORMING PART OF BID DOCUMENT AND TO BE POSTED ON WEBSITE

(Application inviting open bids)

The Executive Engineer (Electrical), Raipur Electrical Division, CPWD,'B' Wing, Ground Floor, Central Secretariat Building, Sector-24, Atal Nagar, Nava Raipur (C.G.) 492018 (Ph: - 0771-2284985 / email: eerced-rpr.cg@gov.in) on behalf of the President of India invited **online percentage rate** bids from approved and eligible contractors of **Building & Road category** of CPWD for the following work(s):-

TABLE – 1

S.No.	Description	Details
1	Mode of tender	Single bid ~~/ Two bid~~
2	NIT No.	**16 /EE(E)/RAIPUR/2026-27**
3	Name of work & Location	**MOEI & Fans, Compound lighting etc. at MSME Bhanpuri Raipur For the year of 2026-27.**
4	Estimated cost put to bid (Rs.)	**5,44,703/-**
5	Earnest Money (Rs.)	**10,894/-**
6	Stipulated Period of Completion of work (in months)	**12 (Twelve) Months**
7	Last date of online submission Of bid, copy of receipt of deposition of original EMD and other documents as specified in the bid document.	**Up to 3.00 P.M. on 13 / 11 /2026**
8	Date & Time of opening of bid	**At 3.30 P.M. on 13 / 11 /2026**

1. The intending bidder must read the terms and conditions of CPWD-6 carefully. He should only submit his bid if he consider himself eligible and he is in possession of all the documents required.
   The intending bidder shall consider order No. DG/Enlist.Rules-2016/Misc/01 dtd. 31.12.2025 and also read para 3.5 of page No.3 & table No.9 at page No.19 of the **"Rules for enlistment of contractors in CPWD,2026"**.

2. Information and Instructions for bidders posted on website shall form part of bid document.

3. The bid document consisting of plans, specifications, the schedule of quantities of various types of items to be executed and the set of terms and conditions of the contract to be complied with and other necessary documents can be seen and downloaded from website **https://etender.cpwd.gov.in or www.cpwd.gov.in** free of cost.

4 But the bid can only be submitted after deposition of original EMD either in the office of Executive Engineer inviting bids or division office of any Executive Engineer, CPWD within the period of bid submission and uploading the mandatory scanned documents such as Insurance Surety Bonds, Account Payee Demand draft or Bankers Cheque or Fixed Deposit Receiptsor/ and Bank Guarantee (for balance amount as prescribed) from any of the Commercial Bank towards EMD in favour of Executive Engineer as mentioned in NIT, receipt for deposition of original EMD to division office of any Executive Engineer (including NIT issuing EE/ AE), CPWD and other documents as specified.

5. Those contractors not registered on the website mentioned above, are required to get registered before hand. If needed they can be imparted training on online bidding process as per details available on the website.

6. The intending bidder must have valid class-III digital signature to submit the bid.

7. On opening date, the contractor can login and see the bid opening process. After opening of bids he will receive the competitor bid sheets.

8. Contractor can upload documents in the form of **JPG** format and **PDF** format.

9. Contractor must ensure to quote rate of each item. The column meant for quoting rate in figures appears in pink colour and the moment rate is entered, it turns sky blue.
In addition to this, while selecting any of the cells a warning appears that if any cell is left blank the same shall be treated as **"0".** Therefore, if any cell is left blank and no rate is quoted by the bidder, rate of such item shall be treated as **"0" (ZERO).**

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

10. SC/ST contractors enlisted under class V category are exempted from processing fee payable to ITI.

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

    In case only the last date of submission of tender is extended, the enlistment of contractor should be valid on the original date of submission of tenders.

    Those contractors not registered on the website mentioned above, are required to get registered beforehand. If needed they can be imparted training on online tendering process as per details available on the website. The intending bidder must have valid class – III digital signature to submit the bid.

11. The department reverses 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 bids are received satisfying the laid down criterion.

    Earnest money in the form of **Treasury Challan or Demand Draft or Pay order or Banker's Cheque or Deposit at Call receipt (drawn in favour *Executive Engineer (E), Raipur Central Electrical Division, CPWD Raipur* or Bank Guarantee** of any Schedule Bank shall be scanned and uploaded to the e-tendering website and shall be deposited by the lowest bidders within a week after opening of financial bid falling which the bidders shall be rejected and enlistment of the agency shall be withdrawn by the enlisting authority.

    A part of earnest money is acceptable in the form of bank guarantee also. In such case, 50% of earnest money or Rs. 20 lakh, whichever is less, will have to be deposited in the shape prescribed above and balance in shape of Bank guarantee.

    Interested contractor who wish to participate in the tender has also to make following payments in the form of e gateway by credit / debit card internet banking or RTGS/ NEFT facility for tender processing fee. The cost of tender document is not required.

(i) **e- Tender Processing Fee – /-drawn in favour of "ITI Limited" payable at Delhi (Not refundable).**

(ii) **EMD –Rs.10,894/- drawn in favour of Executive Engineer (E), Raipur Central Electrical Division, CPWD, Raipur.**

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

1) Treasury Challan / Demand Draft / Pay order or Banker's Cheque / Deposit at call receipt /FDR / Bank Guarantee of any Schedule Bank against EMD as per Para 9 of CPWD-6.

2) The EMD deposit receipt obtained from CPWD division as per Para 9 of CPWD-6.

3) Enlistment order of the contractor in appropriate category / concern letter.

4) Valid Electrical License. (Tenders of only those contractors will be opened who have uploaded valid electrical license from competent authority in the name of contractor. However the bid of those contractors will also be opened who have uploaded 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 (Refer Correction Slip vide No. DG/SE/CM/ENLIST.RULES/Misc./02 dated 14.07.15 attached in this NIT.)

5) GST registration certificate, if already obtained by the bidder.
If the bidder has not obtained GST registration as applicable, then he shall scan and upload following undertaking along with bid documents.
"If work is awarded to me, I/we shall obtain GST registration certificate as applicable, within one month from the date of receipt of award letter or before release of any payment by CPWD, whichever is earlier, failing which I/we shall be responsible for any delay in payments which will be due towards me/us on account of the work executed and/or for any action taken by CPWD or GST department in this regard"

6) Registration of EPFO, ESIC to be uploaded in the eligibility document sections.

7) Affidavit as per page No.21 of NIT.

8) Copy of PAN Card.

9) ERP Training Certificate issued by CPWD.

10) The Contractor has mandatory to upload letter head of the firm with detail of contract no. / email id to facilitate communication in case of any query. In the absence of this if any query is not addressed this may lead to tender rejection.

Executive Engineer (E)
CPWD, Raipur

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RECEIPT OF DEPOSITION OF ORIGINAL EMD

RECEIPT NO.: **DATE :**

1. NAME OF WORK : **MOEI & Fans, Compound lighting etc. at MSME Bhanpuri Raipur For the year of 2026-27.**
2. NIT No.: **16 /EE(E)/RAIPUR/2026-27**
3 ESTIMATED COST : **Rs.5,44,703/-**
4 AMOUNT OF EARNEST MONEY DEPOSIT : **Rs.10,894/-**
5 LAST DATE OF SUBMISSION OF BID **:** **/ 11 /2026**

(* To be filled by NIT approving authority / EE at the time of issue of NIT and uploaded alongwith NIT)

1 NAME OF THE CONTRACTOR

2 FORM OF EMD

3 AMOUNT OF EARNEST MONEY DEPOSIT

4 DATE OF SUBMISSION OF EMD

Signature, Name and designation of EMD receiving officer (EE/AE(P)/AE/AAO)

along with stamp

(# To be filled by EMD receiving EE or NIT issuing EE/AE as the case may be)

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CPWD-6 FOR e-TENDERING

The Executive Engineer (Electrical), Raipur Electrical Division, CPWD,'B' Wing, Ground Floor, Central Secretariat Building, Sector-24, Atal Nagar, Nava Raipur (C.G.) 492018 (Ph: - 0771-2284985 / email: eerced-rpr.cg@gov.in) on behalf of the President of India invited **online percentage rate** bids from approved and eligible contractors of **Building & Road category** of CPWD for the following work(s):-

Name of Work :- *as per table – 1 of e-TENDER NOTICE*

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

In case only the last date of sale of tender 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 *as per table -1 of e-TENDER NOTICE* This estimate, however, is given merely as a rough guide.

~~1.1.1 The authority competent to approve NIT for the combined cost and belonging to the major discipline will consolidate NITs for calling the bids. He will also nominate Division which will deal with all matters relating to the invitation of bids.~~

~~For composite bid, besides indicating the combined estimated cost put to bid, should clearly indicate the estimated cost of each component separately. The eligibility of bidders will correspond to the combined estimated cost of different components put to bid.~~

1.2 Intending bidders is eligible to submit the bid provided he has definite proof from the appropriate authority, which shall be to the satisfaction of the competent authority, of having satisfactorily completed similar works of magnitude specified below:-

Criteria of eligibility for submission of bid documents.

~~1.2 .1 Conditions for Non-CPWD registered contractors only, if bids are also open to non-CPWD contractors.~~

~~For works estimated cost upto tendering limit of class I composite category Contractor (However, for Horticulture and Furniture etc. discipline, it may be modified as per bidding limit of CPWD class I contractors of respective discipline as the case may be)~~
~~Three similar works each of value not less than Rs. ..... or two similar work each of value not less than Rs. ..... or one similar work of value not less than Rs. ..... (all figures rounded to nearest convenient figure) in last 7 years ending previous day of last date of submission of bids.~~

~~**Note:-**~~
~~For works costing above tendering limit of class II composite category contractors but upto tendering limit of Clause I composite category Contractor (However, for Horticulture and Furniture discipline, it may be modified as per bidding limit of CPWD class II and CPWD Class I contractors respectively of respective discipline as the case may be) when bids are open to non CPWD contractors also, then class II contractors of CPWD registered shall also be eligible if they satisfy the eligibility criteria specified in 1.2.1 above.~~

~~1.2 .2 Criteria of eligibility for CPWD as well as non CPWD contractors,~~
~~For works estimated to cost above the tendering limit of class I composite category Contractor (However for Horticulture and Furniture discipline, it may be modified as per bidding limit of CPWD class I contractors of respective discipline as the case may be.) Three similar works each of value not less than Rs. ..... or two similar work each of value not less than Rs.....or one similar work of value not less than Rs.....(all figures rounded to nearest convenient figure) in last 7 years ending previous day of last date of submission of bids.~~

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

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

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

~~1.2 .3 When bids are invited from non CPWD contractors and CPWD class II contractors as per provisions of **clause 1.2.1** above, it will be mandatory for non CPWD contractors and CPWD class-II contractors to upload the work experience certificate(s) and the affidavit as per the provisions of **clause 1.2.2.**~~

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

2. Agreement shall be drawn with the successful tenderer on prescribed Form No. CPWD 7/8 & General Conditions of Contracts for CPWD 2023" which is available as a Govt. Of India Publication. Bidders shall quote his rates as per various terms and conditions of the said form which will form part of the agreement.

3. The time allowed for carrying out the work will be **12 (Twelve) Months** from the date of start as defined in schedule 'F' or from the first date of handing over of the site, whichever is later, in accordance with the phasing, if any, indicated in the tender documents.

4. The site for the work is available.

~~OR~~

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

……

~~(ii) The architectural and structural drawing for the work is available~~

~~or~~

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

5. The bid documents consisting of plans, specifications, the schedule of quantities of various types of items to be executed and the set of terms and conditions of the contract to be complied with and other necessary documents except Standard "General Conditions of Contract for CPWD Works 2023" Form can be seen from website **www.cpwd.gov.in** or **etender.cpwd.gov.in** free of cost.

6. After submission of the bid the contractor can re-submit revised bid any number of times but before last time and date of submission of tender as notified.

7. While submitting the revised bid, contractor can revise the rate of one or more item(s) any number of times (he need not re-enter rate of all the items) but before last time and date of submission of tender as notified.

8. When tenders 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 tender submitted earlier shall become invalid.

9. Earnest money in the form of Treasury Challan or Demand Draft or Pay order or Banker's Cheque or Deposit at Call receipt or Fixed Deposit Receipt (drawn in favour *Executive Engineer (E), Raipur Central Electrical Division, CPWD, Raipur* 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 document shall only be issued from the place in which the office of receiving division office is situated.). The EMD receiving division office shall issue a receipt of deposition of earnest money deposit to the bidder in a prescribed format (enclosed) uploaded by tender inviting EE in the NIT.

(This receipt of deposition of bank guarantee shall also be uploaded to the e-tendering website by the intending bidder upto the specified bid submission date and time.)

A part of earnest money is acceptable in the form of bank guarantee also. In such case, 50% of earnest money or Rs. 20 lakh, whichever is less, will have to be deposited in the shape prescribed above and balance in shape of Bank guarantee of any Scheduled Bank which is to be scanned and uploaded by the intending bidders.

Copy of Enlistment Order and certificate of work experience and other documents as specified in the press notice shall be scanned and uploaded to the e-tendering website within the period of bid submission. However certified copy of all the scanned and uploaded documents as specified in press notice shall have to be submitted by the lowest bidder only within a week physically in the office of tender opening authority.

Online bid documents submitted by intending bidders shall be opened only of those bidders, **Whose EMD deposited with any division office of CPWD** and other documents scanned and uploaded are found in order.

9A. **The contractor registered prior to 01.04.2015 on e-tendering portal of CPWD shall have to deposit tender processing fee at existing rates, or they have option to switch over to the new registration system without tender processing fee any time.**

The bid submitted shall be opened : ***as per table – 1 of e-TENDER NOTICE***

10. The bid submitted shall become invalid if:

10.1.1 The bidder is found ineligible.

(ii) The bidder does not upload scanned copies of all the documents stipulated in the bid document.

(iii) If any discrepancy is noticed between the documents as uploaded at the time of submission of bid and hard copies as submitted physically by the lowest bidder in the office of bid opening authority.

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

11. The contractor whose bid is accepted will be required to furnish performance guarantee of 5% (Five Percent) of the bid amount within the period specified in Schedule F. This guarantee shall be in the form of cash (in case guarantee amount is less than Rs. 10000/-) or Deposit at Call receipt of any scheduled bank/Banker's cheque of any scheduled bank/Demand Draft of any scheduled bank/ Pay order of any Scheduled Bank of any scheduled bank (in case guarantee amount is less than Rs. 1,00,000/-) or Government Securities or Fixed Deposit Receipts or Guarantee Bonds of any Scheduled Bank or the State Bank of India in accordance with the prescribed form. In case the contractor fails to deposit the said performance guarantee within the period as indicated in Schedule 'F', including the extended period if any, the Earnest Money deposited by the contractor shall be forfeited automatically without any notice to the contractor. The earnest money deposited along with bid shall be returned after receiving the aforesaid performance guarantee. The contractor whose bid is accepted will also be required to furnish either copy of applicable licenses/ registrations or proof of applying for obtaining labour licenses, registration with EPFO, ESIC and BOCW Welfare Board including Provident Fund Code No. If applicable and also ensure the compliance of aforesaid provisions by the sub contractors, if any engaged by the contractor for the said work within the period specified in Schedule F.

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

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 bidders shall be deemed to have full knowledge of the site whether he inspects it or not and no extra charge consequent on any misunderstanding or otherwise shall be allowed. The bidders shall be responsible for arranging and

maintaining at his own cost all materials, tools & plants, water, electricity access, facilities for workers and all other services required for executing the work unless otherwise specifically provided for in the contract documents. Submission of a tender by a bidders implies that he has read this notice and all other contract documents and has made himself aware of the scope and specifications of the work to be done and of conditions and rates at which stores, tools and plant, etc. will be issued to him by the Government and local conditions and other factors having a bearing on the execution of the work.

13. The competent authority on behalf of the President of India does not bind itself to accept the lowest or any other tender and reserves to itself the authority to reject any or all the tenders received without the assignment of any reason. All tenders in which any of the prescribed condition is not fulfilled or any condition including that of conditional rebate is put forth by the bidders shall be summarily rejected.

14. Canvassing whether directly or indirectly, in connection with bidders is strictly prohibited and the tenders submitted by the contractors 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 tender and the bidders shall be bound to perform the same at the rate quoted.

16. The contractor shall not be permitted to tender for works in the CPWD Circle (Division in case of contractors of Horticulture/Nursery category) responsible for award and execution of contracts, in which his near relative is posted a Divisional Accountant or as an officer in any capacity between the grades of Superintending Engineer and Junior Engineer (both inclusive). He shall also intimate the names of persons who are working with him in any capacity or are subsequently employed by him and who are near relatives to any gazette officer in the Central Public Works Department or in the Ministry of Urban Development. Any breach of this condition by the contractor would render him liable to be removed from the approved list of contractors of this Department.

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

18. The bid for the works shall remain open for acceptance for a period of **~~Ten / Fifteen~~ /Thirty /~~Forty Five /Sixty~~ (~~10 / 15~~ /30 /~~45 /60~~)** days from the date of opening of bids in case of single bid system / **~~Seventy Five (75) days from the date of opening of technical bid in case bids are invited on 2 or 3 bid/envelop system~~ (strike out as the case may be)**

19. This notice inviting Tender shall form a part of the contract document. The successful bidders /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:-

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

b) Standard C.P.W.D. Form 7/8 or other Standard CPWD Form as applicable.

20. **For Composite Bids**

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

20.1.2 The bid document will include following three components:

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

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

Part C:- Schedule A to F for minor component of the work (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.

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

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

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

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

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

20.1.8 The main contractor has to associate 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).

20.1.9 In case the main contractor intends to change any of the above agency/agencies during the operation of the contract, he shall obtain prior approval of Engineer in charge of relevant specialized component(s). The new agency/agencies shall also have to satisfy the laid down eligibility criteria. In case Engineer in-charge is not satisfied with the performance of any agency, he can direct the contractor to change the agency executing such items of work and this shall be binding on the contractor.

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

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

20.1.12A 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.

20.1.12B. 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.

Executive Engineer (E)

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CPWD-7/8

GOVERNMENT OF INDIA
CENTRAL PUBLIC WORKS DEPARTMENT

Percentage / ~~Item~~ Rate Tender & Contract for Works

(A) Tender for the work of *as per table – 1 of e-TENDER NOTICE*

(i) To be uploaded by .....hours on ..... to/ upload at .....

(ii) To be opened in presence of tenderers who may be present at …… hours on …… in the office of .....

as per table – 1 of e-TENDER NOTICE

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 due date of opening of bids in case of single bid system / **~~Seventy Five (75) days from the date of opening of technical bid in case bids are invited on 2 or 3 bid/envelop system~~** for specialized work and not to make any modifications in its terms & conditions.

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

A sum of Rs. *as per table -1 of e-Tender Notice* is hereby forwarded in cash/receipt treasury challan/deposit at call receipt of a scheduled bank/fixed deposit receipt of scheduled bank/demand draft of a scheduled bank/bank guarantee issued by a scheduled bank as earnest money.

A copy of earnest money deposit receipt of prescribed amount deposited in the form of Insurance Surety Bonds, Account Payee Demand Draft, Fixed Deposit Receipt, Banker's Cheque or Bank Guarantee (as prescribed) issued by a Commercial Bank, is scanned and uploaded (strike out as the case may be). If I/We, fail to furnish the prescribed performance performance guarantee within prescribed period, I/We agree that the said President of India or his successors, in office shall without prejudice to any other right or remedy, be at liberty to forfeit the said earnest money absolutely. Further, if I/We fail to commence work as specified, I/ We agree that President of India or the successors in office shall without prejudice to any other right or remedy available in law, be at liberty to forfeit the said performance guarantee absolutely. The said Performance Guarantee shall be a guarantee to execute all the works referred to in the tender documents upon the terms and conditions contained or referred to those in excess of that limit at the rates to be determined in accordance with the provision contained in Clause 12.2 and 12.3 of the tender form.

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

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

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

Dated:

Signature of Contractor

Witness:

Postal Address

Address:

Occupation:

ACCEPTANCE

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

(Rupees……..
……)

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

(a)
(b)
(c)

For & on behalf of President of India

Signature ……

Dated: Designation……

PROFORMA OF SCHEDULES

(Separate Performa for Civil, Elect. & Hort. Works in case of Composite Tenders)

SCHEDULE 'A'

Schedule of quantities (as per PWD-3) - **Attached**

SCHEDULE 'D'

Extra schedule for specific requirements/document for the work, if any

---------- As enclosed ----------

SCHEDULE 'E'

Reference to General Conditions of contract.
(General conditions of contract for CPWD works 2023 shall be made part of agreement)

Name of Work:- ***as per table – 1 of e-TENDER NOTICE***

Estimated cost of work : ***as per table – 1 of e-TENDER NOTICE***

(i) Earnest Money : ***as per table – 1 of e-TENDER NOTICE***
(to be returned after receiving performance guarantee)

(ii) Performance Guarantee : 5% of tendered value

(iii) Security Deposit : 2.5% of tendered value
Or
2.5 % of tendered value plus 50 % of PG for contracts involving maintenance of the building and services/other work after construction of same building and services/ other work.

SCHEDULE 'F'

GENERAL RULES & DIRECTIONS:

Officer inviting tender	Executive Engineer (Elect.), CPWD, Raipur
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(v) Engineer-in-Charge	Executive Engineer (Elect.), CPWD, Raipur.
2(Viii) Accepting Authority	Executive Engineer (Elect.), CPWD, Raipur
2(x) Percentage on cost of materials and Labour to cover all overheads and profits:	15%
2 (xi) Standard Schedule of Rates: -	Market Rates/ /DSR-2025
2 (xii) Department :	Central Public Works Department
9 (ii) Standard CPWD Contract Form GCC 2023, CPWD Form – 7/8 as modified & corrected upto date.	

Clause 1

10.2 Time allowed for submission of Performance Guarantee, Programme Chart (time and Progress) and applicable labour licenses, registration With EPFO, ESIC and BOCW Welfare Board or proof of applying thereof from the date of issue of letter of acceptance. 0 7 Days

(ii) Maximum allowable extension with late fee @ 0.1% per day of PG amount beyond the period provided in (i) above. 0 7 Days

(1 to 15 days to the filled by NIT approving authority)

Clause 2

Authority for fixing compensation under clause 2. Chief Engineer, CPWD, Raipur

Clause 2A

Whether Clause 2A shall be applicable. Yes / No

Clause 5

Number of days from the date of issue of letter of acceptance for reckoning date of start mile stone (s) as per table given below:- 15 DAYS

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			
2			
3			
4			

Time allowed for execution of work **12 (Twelve) Months**

Authority to decide:

(i) Extension of time Executive Engineer (Elect.), CPWD, Raipur (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 …… (Chief Engineer/ 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…….. (Chief Engineer/ Superintending Engineer / PM/CPM in charge **or** Chief Engineer/ Superintending Engineer / PM/CPM in charge of major component in case of composite contracts, as the case may be)

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		
Part-B	Portions with encumbrances		
Part-C	Portions dependent on work of other agencies		

Clause 5 Applicable clause 5/ Clause 5A

Clause 6 : Computerised Measure Book (CMB) / Electronic Measurement Book (EMB)

Mode of measurement : CMB / EMB

Note:- One option to be kept by NIT approving authority.

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 .....

Clause 7A

Whether Clause 7A shall be applicable Yes /~~No~~

Clause 10A

List of testing equipment to be provided by the contractor at site lab.

All tools & plants as required to carryout the electrical work.

Clause 10B (ii)

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

Clause 10C

Component of labour expressed as percent of value of work = 25%

Clause 10CC : ~~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 10 CA i.e. cement, steel, POL and other material specified in clause 10CA+ component of labour)

Clause 11

Specifications to be followed for execution of work :

1. CPWD General Specifications for Electrical Works, Part I Internal – 2023
2. CPWD General Specifications for Electrical Works, Part II External – 2023
3. CPWD General Specifications for Electrical Works Part IV Sub Station – 2013
4. CPWD General Specifications for Electrical Works Part V Wet Riser & Sprinkler Systems – 2020
5. CPWD General Specifications for Electrical Works Part VI Fire Detection and Alarm System – 2018
6. CPWD General Specifications for Electrical Works Part VII D.G. Sets – 2013
7. CPWD General Specifications for Electrical Works Part VIII Gas Based Fire Extinguishing System-2013
8. General Specifications for Heating, Ventilation & Air-Conditioning(HVAC) – 2024
9. General Specifications for Electrical Works (Part-III-LITS & Escalators) – 2003
   & As Per Additional Specifications Attached with Schedule of Work.

Clause 12 : Authority to decide deviation upto 1.5 times of Tendered amount

12.2 & 12.3 Deviation limit beyond which clause 12.2 & 12.3 shall apply for building work. **No Limit**

12.5 (i) Deviation limit beyond which clause

12.2 & 12.3 shall apply for foundation work
(except items mentioned in earth work subhead
in DSR and related items) --

(ii) Deviation limit for items mentioned in earth work subhead of DSR and related items

Clause 16

Competent Authority for deciding reduced rates. **Chief Engineer, CPWD, Raipur.**

Clause 18

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

1. LT Megger **2. Earth tester** **3. Tongue tester**

4. Screw guage. **5. Crimping tool**

Clause 19 C .....authority to decide penalty for each default.
Clause 19 D .....authority to decide penalty for each default.
Clause 19 G .....authority to decide penalty for each default.
Clause 19 K .....authority to decide penalty for each default.

Clause 25

Constitution of Dispute Redressal Committee (DRC)	Competent Authority to appoint DRC
DRC shall constitute one Chairman and two members	Additional Director General if claim exceeds more than Rs.25lacs / Chief Engineer
	Chairman- CE Bhopal Member Secretary- SE(P)(C), O/o ADG Bhopal Member- SE cum PD, BPC-I Presenting Officer- EE, Incharge of work.

Clause 32 : Requirement of Technical Representative(s) and recovery Rate
(As Per O.M. No. DG/MAN/322 DATED 11.06.2015 FOR Cost of Work upto 1.5 Crore.)

(More than 5 lac to 1.5 crore)

S.No.	Minimum Qualification of Technical Representative	Discipline	Designation (Principal Technical/ representative)	Minimum Experience	Number	Rate at which recovery shall be made from the contractor in the event of not fulfilling provision of clause 36(i)	
						Figures	Words
1	Graduate Engineer or Diploma Engineer	Elect.	Project Manager cum Planning /quality / site / billing engineer	2 Years or 5 Years	1No.	Rs.15000/- per month per person	Fifteen thousand

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

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

Clause 38

(i) (a) Schedule/statement for determining theoretical quantity of cement & bitumen on the basis of Delhi Schedule of Rates : NA

(ii) Variations permissible on theoretical quantities:

(a) Cement

For works with estimated cost put to tender not more than Rs. 5 lakh. 3% plus / minus

For works with estimated cost put to tender more than Rs.5 lakh. 2% plus / minus.

(b) Bitumen All Works 2.5 % plus & only & nil on minus side.

(c) Steel Reinforcement and structural steel sections for each diameter, section and category 2.5 % plus/ minus

(d) All other materials. Nil

Executive Engineer (E)
CPWD, Raipur

BLANK

AFFIDAVIT

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

I/We undertake and confirm that eligible similar works(s) has/have not been got executed through another contractor on back to back basis. Further that, if such a violation comes to the notice of department, then I/We shall be debarred from biding in CPWD in future forever. Also, if such a violation comes to the notice of department before date of start of work, the Engineer-In-Charge shall be free to forfeit the entire amount of performance guarantee.

(Scanned copy of this affidavit to be uploaded at the time of submission of bid)

……

……

……

Signed by an Authorised Officer
of the firm with stamp

BLANK

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 Performance Guarantee/Security Deposit/Mobilization advance

1. Whereas the **Executive Engineer (E), CPWD, Raipur** on behalf of the President of India (hereinafter called "The Government") has invited bids under ……..……..(NIT Number)..... (date) for as per table – 1 of e-TENDER NOTICE 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 (E), CPWD, Raipur** on behalf of the President of India (hereinafter called "The Government") has entered into an agreement bearing number ……....with……..(name and address of contractor)..... (hereinafter called "the contractor") for execution of work as per table – 1 of e-TENDER NOTICE The Government has further agreed to accept 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 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 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 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 indulgency 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 principle debtor at the first instance without proceeding against the contract 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 upto…….. 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 expire of this guarantee, all our liabilities under this guarantee shall stand discharged.

Date

Witness

1. Signature ……

Name and Address

Authorized signatory

Name

Designation

Staff code No.

Bank seal

2. Signature ……

Name and Address

* 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, stike 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.

General Conditions

The work shall be governed by the General, Operational and Commercial conditions of the contract beside the Additional specification as attached with the NIT documents.

1.0 General Condition

1.1 The intending electrical contractor shall be registered contractor of CPWD in appropriate class / approved by the competent authority through call of pre-qualification bids.

1.2 The prospective tenderer is advised to visit the site before quoting for the job and no claim whatsoever on account of any deficiency at site concerning security, restriction in working hours, non conformity of local bye laws / rules etc. No claim shall be entertained on account of same at later stage.

1.3 All the works covered by this contract shall be carried out strictly in accordance with the ***CPWD General specification for internal electrical works (Part-I 2023), External electrical works (Part-II 2023), Lifts (Part-III 2003), Sub-station (Part-IV 2013), Wet Riser & Sprinkler System (Part-V 2020), Fire Detection & Alarm system (Part-VI 2018), CPWD General Specifications for Electrical Works Part VII D.G. Sets – 2013 and General specification Heating, Ventilation and Air conditioning (HVAC) works 2024 as applicable in the above job &*** *Indian Electricity Rule 1956, Indian Electricity Act 2003, National Electrical Code, National Building Code 2016 amended up to date.*

1.4 The work shall be strictly carried out as per the nomenclature of the item given in the schedule and condition or as per CPWD General Specifications of respective works or I.S code or as per prevailing practice in that order. The decision taken by the Engineer-in-charge shall be final and binding on the contractor.

1.5 The contractor shall use only the makes and brand of the materials/equipment's as given in the NIT documents. The department reserves the right to accept or reject any other makes and brands of materials as offered by the contractor.

1.6 All tools and tackles required for handling of equipment's at site of work and for their assembly and erection and also necessary testing instrument shall be the responsibility of the contractor to arrange the same, no extra amount shall be paid by the department on this account.

1.7 The contractor shall make his own arrangement for the accommodation for his staff / workers at his own cost, no extra amount shall be paid by the department on this account.

1.8 The contractor has to follow the local security/safety rules and regulations and such instructions on restricted hours of work as may be imposed on him by the department/ occupant department, while working loss of labour / idle labour etc shall not be entertained by the department. His attention is therefore again drawn to para (1.2) above.

1.9 The contractor shall follow the local bye-laws and regulations and rules about the erection testing and commissioning of the equipment's and shall obtain clearance from the respective authorities before commencement / after installation as applicable. The contractor shall secure necessary certificate of

1.10 clearance / inspection for satisfactory operation from the local bodies. No complain/claim whatsoever will be entertained from the contractor on account of failure to comply with thisprovisions andnecessity to make subsequent addition/alteration to the installation already provided by him to make them confirm to local regulations. All fee/ charges on account of this shall be borne by the contractor.

1.11 The entire installation shall be guaranteed for proper operation for a period of 6 months from the date of taking over of the same by department. All defects during the above period should be attended by the firm immediately but not later than 72 hours as per urgency at site at their own cost. No extra payment shall be paid by the department on this account.

1.12 Whenever the equipment's are ready for inspection the firm shall give due notice period of at least 15 days for enabling department to depute its representative for inspection the item before dispatch. Department however reserves the right to authorize the firm to dispatch the materials by accepting the test certificates, furnished by them. However, the firm shall continue to be responsible for proper operation of the equipment and conformity to specifications etc and the decision of the Engineer-in-Charge in accepting/ rejecting the item of receipt at site shall be final and binding on the contractor.

2.0 OPERATIONAL CONDITIONS

2.1 The firm shall submit a bar chart showing all the activities involved in towards the execution of job as per scheduled completion date within two weeks of award of work.

2.2 The firm shall supply test certificates wherever required, as per CPWD/BIS/Manufacturer's practice. The department reserves the right to get them independently checked, the acceptance and rejection of the material shall be as per the test results submitted by the authorized testing laboratories and institutes.

2.3 The firm shall supply six copies of the maintenance and operation manual of the mater equipment/ plant and also arrange to train the maintenance and departmental staff in the operation of the plant within the guarantee period.

3.0 COMMERCIAL CONDITIONS

3.1 The rates quoted shall be for complete items of work (except the materials, if any, stipulated for supply by the department) shall be inclusive of all taxes (including Goods service tax).

3.1 Some of the State Government levies work contract tax. The contractor is advised to get himself fully apprised of the financial implication while offering his rates. No claim whatsoever will be entertained at later stage on this account.

4.0 Payment Conditions: Payment shall be made as per the relevant clauses of form PWD 7 forming part of the tender documents.

5.0 Additional conditions for LED light as O/M No.सं. –महानिदेशक/अधिक्षण अभियंता (वै) टास/विविध/12/निर्माण भवन,नई दिल्ली दिनांक 03.09.2019.

i) All the LED bulbs/LED Fittings shall be guaranteed for a period of 5 years.
ii) 50% of the Performance Guarantee shall be refunded to the contractor soon after the completion of the work and recording of the completion certificate.
iii) 50% of the Performance Guarantee shall be retained as security deposit.
iv) 50% of the Performance Guarantee retained as security deposit plus 2.5% Security Deposit already deducted from running bills (Total 2.5+2.5=5%) shall be refunded year wise proportionately.

Contractor **Executive Engineer (E)**
CPWD, Raipur

Correction NIL …… Insertion NIL……Omission NIL…… Overwriting NIL…… AE(E)(P) …….. EE(E)

Additional Terms and Conditions "A"

1 Work shall be carried out as per CPWD specifications wherever applicable. Safety procedure as indicated in CPWD specification of Electrical work /Lifts Work/Fire Fighting Work/ Wet Riser work /Sub Station work / HVAC work should be followed.

2 The rates quoted shall be inclusive of wages of Supervisor/Fire Operator /Fireman /E&M Operator/AC Operator/ Khallasi etc i/c relievers, cleaning material, uniform, bonus and all taxes and duties exclusive of EPF, ESIC and service tax which shall be reimbursed to the contractor, on production of proof of deposit to the respective department.

3 The contractor shall take all precautions for safety of the workmen. If any accident / mis-happening occur, the department shall not be responsible for the same. If any compensation is to be paid to the victim, the firm shall pay the same and no claim in this account shall be entertained by the department.

4 All the materials required for cleaning and preventing maintenance/minor repairing i.e. soap, duster, PVC tape, nuts-bolts, screws, wires, thimbles etc. shall be arranged by the contractor at his own cost for cleaning of Electrical Installation & fans, switch gears, DB, Main control panel, Water supply pump, Fire alarm system/ wet Riser System/Lift/Sub Station equipment and AC plant etc. If cleaning of installation is not found satisfactory at any time, a recovery of Rs. 200/- per occasion noticed per Sub Head shall be made from the bill of contractor.

5 In case the department staff is posted or due to some other reasons, the department reserve the right to terminate the contract in full or part thereof.

6 The contractor shall furnish name & contact number of the persons, who should be contacted during emergency.

7 No T&P shall be issued to the contractor.

8 The contractor shall maintain Sub Head wise "Attendance register" in support of the attendance of the staff and the same shall be got periodically checked from JE (E) / AE (E) concern. Failure to which suitable recovery will be made from the contractor bill as decided by the Engineer-in-charge.

9 The contractor shall prepare a Sub Head wise "fortnightly/Monthly" duty chart with name and duty hours stated therein. The same shall be submitted to the JE (E) / AE (E) concern at least seven days in advance.

10 In case of any damage to any equipment due to negligence of the contractor's staff the same will have to be made good by the contractor at his cost. Failure to which suitable recovery will be made from the contractor bill as decided by the Engineer-in-charge.

11 Before the start of contract, the contractor is bound to submit the following details of the workers proposed Sub Head wise to be engaged by him. After receipt of confirmation of their suitability from Engineer-in-charge or his authorized representative, they shall be deployed on duty.

(A) Name & Postal Address
(B) Photograph with specimen signature.
(C) Qualification and experience.

If the contractor fails to furnish the list of the workers the work shall not be treated as started at site.

12 The contractor shall replace the staff, in the event of misconduct by him.

13 The contractor/ Firm is advised to visit the site of work before quoting the rates, in order to ascertain the quantum and location of works.

14 It shall be entirely the responsibility of the contractor to ensure that no unlawful act is done by his persons while on duty. In case any theft/ loss of departmental property take place due to the negligence or carelessness of his personnel, the contractor will be held responsible and shall make good the same.
(The aforesaid terms and conditions shall be read in conjunction with the general rules and directions for the guidance of Contract form CPWD -8.)

15 The firm shall have to provide round the clock communication system i.e. mobile phone or wireless

landline set at any one designated place such as sub-station/fire pump house/fire control room/ electrical enquiry within the tendered rates till the completion of work for which nothing extra shall be paid. This communication system is meant for lodging complaints to BSES, Lifts service centre etc. and also for taking instructions from the department.

16 **Terms of payment and other facilities for workers.**

16.1 The contractor is bound to distribute the salary/ wages to his worker upto 7th of each month, positively, by cheque or cash as feasible. Payment to the contractor shall be made by 15th of every month after receipt of bill complete with all documents.

16.2 The payment to the workers shall be made in presence of JE(E)/AE(E) concern and the contractor has to furnish a certificate to this effect on prescribed format. In the absence of this certificate, no payment shall be made/ released.

16.3 The contractor shall deduct worker subscription towards Provident fund and ESI, as per rules, he shall deposit the same along with his contribution into the respective accounts of the worker and submit the detail to this office for verification.

16.4 On completion of the work or completion of 04 months (from the date of start of the work) which ever is ealier, the contractor shall have to disburse bonus as per Delhi Govt. rates for casual labour to the each worker employed in this work and will submit the proof of having disbursed the bonus, before the release of the final payment.

16.5 a) The contractor shall provide two sets of uniform (shirt, paint & black shoes) along with the badge having name of worker, designation of worker and name of agency within 15 days of start of work. Falling which a recovery @ Rs. 5000/- per worker for uniform shall be made from the contractor bill and department will arrange the uniform for the contractor's worker.

b) On the worker deputed on duty should be in uniform. If any worker found without uniform a recover @ Rs.100/- per day per worker shall be made from the contractor's bill.
Recovery shall be made at the following rate if Supervisor/ Electrician/Fire Operator /Fireman /E&M Operator/Wiremen cum operator/ Lift operator/ Khallasi etc found absent from his duty.

17 a) Electrician/ Fire Operator/ Fireman/ E&M Operator / Wireman cum operator/ AC Operator /Lift operator etc. @ **Rs. 2,146/-** per worker per shift.

b) Khallasi @ **Rs.1,619/-** per worker per shift.

Terms of Payment for the contractor

17.1 The healthiness of the complete system shall be evaluated on the method detailed in additional terms and condition of individual Sub Head.

17.2 Production of bill in triplicate.

17.3 Payments to the contractor shall be made, 'on monthly bases after production of following proof.

(i) Documentary proof of disbursement of wages to the workers. The copy of wage register in the format shall be produced with R/A or final bill.
(ii) Proof of deposit of provident fund and ESI contribution to the respective authorities.
(iii) Copy of relevant period Sub Head wise attendance register.
(iv) Sub Head wise fortnightly/ monthly labour report.
(v) Proof of on line payment/e-Transfer paid to each employee on monthly basis shall be submitted by the contractor.
(vi) Rates quoted by the firm will be inclusive of all wages, taxes and duties. Firm should submit the proof/challans of submission of EPF & ESI at time of payment.

Additional Terms and Conditions "B"

1. The entire work shall be carried out strictly in accordance with the CPWD Specifications for Electrical Works, 2023 (Internal) and 2023 (External), including all amendments issued up to date, and in compliance with the applicable provisions of the Electricity Act, 2003, Central Electricity Authority (CEA) Regulations and other relevant statutory rules and regulations. The provisions of the Indian Electricity Rules, 1956, wherever applicable, shall also be followed.

2. All materials proposed to be used in the work shall be submitted to the Engineer-in-Charge for approval before procurement/supply at site. Only approved materials of the specified make, model and quality shall be used in the execution of the work.

3. The work shall be executed strictly as per the approved drawings, specifications and details issued by the department. The drawings/details shall be issued to the successful tenderer for execution. The Engineer-in-Charge shall have the authority to modify or change the layout as per actual site requirements. The contractor shall have no claim for any extra payment or compensation on account of such changes.

4. Poor workmanship shall not be accepted under any circumstances. All defects and deficiencies observed during execution or inspection shall be rectified by the contractor at his own cost to the entire satisfaction of the Engineer-in-Charge. The progress of electrical works shall be properly coordinated with the progress of civil/building works. No claim on account of idle labour, machinery or resources shall be entertained.

5. All debris, scrap and waste materials generated during execution of electrical works shall be removed immediately by the contractor. The work site shall be kept clean and free from obstructions at all times. Similarly, all rejected or unapproved materials shall be removed from the site immediately at the contractor's own cost.

6. The contractor shall be responsible for maintaining proper coordination with the Engineer-in-Charge and departmental staff during execution of the work and shall comply with all instructions issued from time to time.

7. The contractor or his authorized representative shall sign the Site Order Book whenever directed by the Engineer-in-Charge and shall comply with all instructions, observations and directions recorded therein within the stipulated time.

8. The contractor shall make his own arrangements for providing all general tools, plants, machinery, tackles and equipment required for proper execution and completion of the work. No extra payment shall be admissible on this account.

9. Main Board and Main Distribution Board: All works relating to the main board and main distribution board shall be executed strictly as per the approved drawings, specifications and instructions of the Engineer-in-Charge. The contractor shall submit samples of the proposed boards and associated accessories for approval before bringing the complete lot to site. The quoted rates shall include all necessary connections, interconnections, accessories and other items required for complete and satisfactory operation.

10. Notwithstanding the Schedule of Quantities, all minor and interrelated items, accessories, connections and associated works necessary for making the entire installation complete, safe and fully operational shall be deemed to be included in the quoted rates. No extra payment shall be admissible for such works.

11. All required connections, interconnections, earthing and bonding arrangements shall be carried out by the contractor wherever necessary, in accordance with applicable standards and specifications. No extra payment shall be made on this account.

12. All sub-main and circuit wiring terminated at distribution boards (DBs) shall be provided with suitable copper thimbles/lugs of appropriate size and rating. The cost of the same shall be deemed to be included in the quoted rates.

13. The contractor/agency shall submit the test report for the dielectric strength test of transformer oil, wherever applicable, carried out during the process of dehydration and filtration of oil. The test report shall be obtained from a recognized testing laboratory or an approved testing agency and submitted to the Engineer-in-Charge.

14. Servicing, inspection, testing and preventive maintenance of all switchgear and associated electrical equipment shall be carried out only through the OEM or its duly authorized service agency. The contractor shall submit documentary proof of authorization whenever required by the Engineer-in-Charge.

15. The dismantling and removal of existing electrical installations, wherever required under the scope of work, shall be deemed to be included in the quoted rates. No extra payment shall be admissible on this account.

16. The rates quoted by the contractor shall be inclusive of all applicable taxes, duties, levies, transportation, loading, unloading and other incidental charges required for satisfactory execution of the work. No extra payment shall be made on this account.

17. The contractor shall submit the LM-79 and LM-80 test reports, along with valid BIS certificates, for each make and model of LED fitting proposed to be supplied and installed. The documents shall be submitted to the Engineer-in-Charge for verification and approval before procurement/supply of the fittings.

18. The contractor shall submit a company/system-generated warranty certificate issued by the OEM for a minimum period of five years for all LED fittings supplied and installed under the agreement. The warranty shall clearly mention the make, model, quantity, date of supply and applicable warranty period.

19. Installation, testing, commissioning, electrical connections and earthing of pump sets shall be carried out in the presence of the Engineer-in-Charge or his authorized representative. The contractor shall ensure proper alignment, installation and satisfactory functioning of the pump sets.

20. The contractor shall submit all relevant test certificates, including factory test certificates and performance test certificates of the pump sets, as required by the Engineer-in-Charge. The certificates shall establish compliance with the approved technical specifications.

21. While submitting the tender, the tenderer shall specifically indicate the make, model, manufacturer and HP rating of the proposed pump and motor. The tenderer shall also submit complete technical and constructional details of the pump and motor, along with the performance characteristics/table indicating the discharge capacity of the pump against various delivery heads. The offered pump set shall conform to the required technical specifications and shall be subject to approval by the Engineer-in-Charge.

22. The work being of an urgent nature, the contractor shall maintain the required progress and complete the work within the stipulated time period. Any delay, negligence or failure to execute the work without valid and justified reasons shall attract penal action/liquidated damages as per the applicable provisions of the agreement and departmental rules.

23. Servicing and overhauling of the AC units shall be carried out by the OEM's authorized agency.

24. Replacement/supply of all spare parts shall be of genuine OEM make and procured only from the OEM's authorized dealer. The contractor shall submit the authorized dealership certificate along with the original purchase invoice and relevant test certificates at the time of submission of the bill.

25. All LED fittings shall be procured from the OEM's authorized dealer. The contractor shall submit the authorized dealership certificate, original purchase invoice, relevant test certificates and a minimum 5-year warranty certificate issued by the OEM at the time of submission of the bill.

ANNEXURE – "A"

Details of Works to be Carried Out by the Contractor

DAILY MAINTENANCE ACTIVITIES

1. Attending to all electrical and mechanical complaints and ensuring their timely rectification.
2. Daily sweeping and cleaning of the switch room, pump room, LT switch room, sub-station room and other associated areas. All unwanted materials, scrap and sundries shall be removed from these rooms.
3. Providing, maintaining and regularly updating the complaint register, logbook and task book.
4. Day-to-day operation and maintenance of water pump sets, DG sets and sub-station equipment, including monitoring of power factor and checking the proper functioning of all indicating lamps and associated equipment.
5. Checking the proper functioning of all street lights and compound lights and ensuring that defective lights are attended to promptly.
6. Checking the radiator water/coolant level of the DG set and ensuring that it is maintained at the required level.
7. Checking the batteries of the DG set to ensure proper charging and healthy condition, cleaning and applying grease to battery terminals, and topping up distilled water, wherever required, to maintain the prescribed electrolyte level.

MAINTENANCE OF 33 KV / 11 KV PANEL BOARDS

1. Checking the battery charger and batteries to ensure their proper functioning and healthy condition on a weekly basis.
2. Checking the specific gravity of batteries, loading conditions, electrolyte level, DG set voltage output, battery terminal connections and other associated parameters on a weekly basis.
3. Checking relay contacts, trip circuits and calibration of all protective relays. The functioning of all relays and associated protection systems shall be tested at least once every 12 months. The first such inspection and testing shall be completed within four months from the date of award of work.
4. Checking the proper functioning of circuit breakers, including insulation resistance, trip-free mechanism, oil/SF_6 gas leakage, wherever applicable, and proper functioning of the breaker trolley's racking-in and racking-out mechanism. Comprehensive inspection and maintenance shall be carried out at least once every 12 months. The first such inspection and maintenance shall be completed within four months from the date of award of work.
5. Checking all panels for overheating, burning smell, abnormal noise, loose connections, discoloration, signs of arcing or any other abnormal condition. Necessary corrective action shall be taken immediately to ensure safe and reliable operation.

Note: All inspection, testing and maintenance activities shall be carried out by qualified and experienced personnel in accordance with applicable IS/IEC standards and OEM recommendations, following all prescribed electrical safety procedures.

WEEKLY MAINTENANCE ACTIVITIES

1. Watering of earth pits and ensuring that the earth pit surroundings are properly maintained.
2. Cleaning and inspection of all switches, switchgear, cubicle boards, LT panels and associated electrical equipment to ensure proper functioning.
3. Cleaning and checking of ceiling fans, light fittings, exhaust fans and other electrical and mechanical (E&M) installations to ensure their proper functioning.

HALF-YEARLY MAINTENANCE ACTIVITIES

1. The following electrical safety tests shall be carried out and the test results shall be properly recorded in the prescribed register. The first round of testing shall be completed within two months from the date of award of work. Thereafter, all tests shall be repeated once every six months.

a. Insulation Resistance Test: Testing of insulation resistance of electrical wiring, cables and associated equipment.
b. Polarity Test: Checking the correct polarity of all switches and electrical circuits.
c. Earth Continuity Test: Testing the continuity and effectiveness of all earth continuity conductors.
d. Earth Electrode Resistance Test: Measuring and recording the resistance of all earth electrodes/earth pits.
e. Lightning Protection System Test: Testing of lightning conductors and associated earthing arrangements, including measurement and recording of earth resistance.

2. Carrying out oiling and greasing of pump sets, DG sets and other mechanical equipment as per OEM recommendations.
3. Checking and inspecting the terminations/connections of all incoming and outgoing power cables, control cables and bus ducts to ensure proper connectivity.
4. Checking and tightening all cable terminations, cable lugs and associated connections to prevent loose contacts and overheating.
5. Checking and tightening the control cable connections and terminations to ensure reliable operation of control circuits.
6. Checking and verifying the correct rating and condition of fuses provided in all incoming and outgoing switches, control circuits and indication circuits.
7. Inspecting the insulated/Bakelite portions of switches for carbon deposits, burning marks, cracks or any other signs of deterioration.
8. Checking the condition and continuity of body earthing connections of all electrical equipment and ensuring effective earthing.
9. Checking and testing the proper functioning of all protective relays, including their operating and tripping functions, wherever applicable. Any defects observed shall be rectified immediately.

Note:1. All maintenance activities shall be carried out by qualified technical personnel after following the prescribed electrical safety procedures and OEM recommendations.

2. All test results shall be documented in a test report/register and submitted to the Engineer-in-Charge for verification and record. Any defects or deviations observed during testing shall be rectified immediately by the contractor at no extra cost to the department.

ANNEXURE – "B"

PREVENTIVE MAINTENANCE

The contractor shall, in consultation with the Assistant Engineer-in-Charge, prepare and follow a preventive maintenance schedule for all electrical and mechanical installations. The prescribed preventive maintenance activities shall be carried out at the stipulated intervals. The observations, test results and details of maintenance carried out shall be properly recorded in the maintenance register and duly signed by the contractor's authorised representative and the Assistant Engineer-in-Charge.

The preventive maintenance activities shall include, but shall not be limited to, the following:

1. Inspection of Electrical Panels and Installations: Checking all electrical panels, MCB distribution boards, street light poles and other electrical installations for loose connections, overheating, damaged components and any other abnormalities. This inspection shall be carried out on a weekly basis.

2. Maintenance of Ceiling Fans: Checking the proper suspension and mounting arrangements of all ceiling fans. Dismantling of fans, replacement of bearings, capacitors and other defective components shall be carried out as directed by the Engineer-in-Charge. The required replacement materials shall be supplied by the department.

3. Cleaning and Lubrication: Cleaning all street light fittings, interior light fittings and fans. Oiling and greasing of fans shall also be carried out wherever required to ensure their smooth and proper functioning.

4. Maintenance of Batteries: Checking the specific gravity, voltage and electrolyte level of batteries once every fortnight. Topping up with distilled water shall be carried out wherever required to maintain the prescribed electrolyte level.

5. Maintenance of DG Set AMF Panel: The AMF panel of DG sets shall be inspected and tested by a competent and technically qualified technician to ensure its proper functioning, including automatic changeover and associated control operations.

6. Maintenance of HT Panels: Checking relay contacts, trip circuits and proper functioning of all HT panel operations shall be carried out by a competent and qualified technical person. Any defects or abnormalities observed during inspection shall be brought to the notice of the Engineer-in-Charge and rectified as directed.

Non-Compliance and Penal Recovery

In case the contractor fails to carry out the above preventive and routine maintenance activities as prescribed under the agreement, the department reserves the right to get the same executed independently through another agency or otherwise, without any further reference to the contractor.

In such circumstances, penal recovery equivalent to twice the actual expenditure incurred by the department shall be made from the contractor's running account/final bill, as applicable.

However, the materials required for carrying out the above maintenance and replacement activities shall be supplied by the department free of cost, wherever specified. The contractor shall be responsible for proper utilisation of such materials and execution of the maintenance work.

ANNEXURE – "C"

LIST OF MINIMUM TOOLS, PLANT AND INSTRUMENTS (T&P) TO BE PROVIDED BY THE CONTRACTOR

The contractor shall provide and maintain the following minimum tools, plants and testing instruments at site for carrying out routine maintenance, preventive maintenance and breakdown maintenance of all electrical and mechanical installations.

1. Tools to be Provided to Each Skilled Maintenance Staff

Each skilled maintenance staff deployed at site shall be provided with the following tools for carrying out routine maintenance activities:

Sl. No.	Description of Tools	Quantity
i.	Combination Pliers	1 No.
ii.	Adjustable Slide Wrench	1 No.
iii.	Adjustable Screwdrivers	2 Nos.
iv.	Line Tester	1 No.
v.	Wire Stripper	1 No.
vi.	Test Lamp	1 No.
vii.	Insulation Tape	As required

2. Tools to be Provided at Power House for Maintenance and Breakdown Works

The contractor shall provide the following tools in proper toolboxes at the power house for carrying out maintenance and breakdown-related activities:

Sl. No.	Description of Tools	Quantity
i.	Complete Box Spanner Set with sockets, ratchet, accessories, etc.	1 Set
ii.	Double-End Spanner Set (12 Pieces)	1 Set
iii.	Ring Spanner Set (12 Pieces)	1 Set
iv.	Allen Key (L-Key) Set	1 Set
v.	Hammers of Different Sizes	1 Set
vi.	Screwdriver Set of Different Sizes	2 Sets
vii.	Crimping Tools (1 Small and 1 Large)	2 Sets
viii.	Nose Pliers	2 Nos.
ix.	Wire Cutters/Cutting Pliers	2 Nos.
x.	Punch Set	2 Sets
xi.	Electric Drilling Machines with Hammering Facility (1 Small and 1 Large), Complete with Drill Bits	2 Sets
xii.	Blower and Vacuum Cleaner	1 Set
xiii.	Safety Hand Gloves suitable for HT and LT Electrical Works	2 Sets

3. Testing and Measuring Instruments to be Provided at Power House

The contractor shall provide the following testing and measuring instruments at the power house for carrying out preventive maintenance, testing and breakdown-related activities:

Sl. No.	Description of Instruments	Quantity
i.	Digital Multimeter	1 No.
ii.	Earth Resistance Tester (Earth Megger)	1 No.
iii.	Insulation Resistance Tester (Megger), 0–1000 Volts	1 No.
iv.	Digital Clamp-On Meter	1 No.

4. Ladders

The contractor shall provide aluminum ladders of various suitable sizes as per site requirements for carrying out maintenance and repair works at different heights.

5. General Conditions

1. The above list represents the minimum mandatory requirement of Tools, Plants and Instruments (T&P) to be provided by the contractor for satisfactory execution of the work.

2. All tools, equipment and testing instruments shall be maintained in proper working condition throughout the contract period. Any defective or damaged tools/instruments shall be replaced immediately by the contractor at no extra cost to the department.

3. The contractor shall arrange any additional tools, plants, equipment and testing instruments required as per actual site conditions and the nature of maintenance or breakdown work, even if the same are not specifically mentioned in the above list.

4. The cost of providing, maintaining and replacing all such tools, plants, equipment and instruments, including any additional T&P required for satisfactory execution of the work, shall be deemed to be included in the quoted rates. No extra payment shall be admissible on this account under any circumstances.

5. All testing instruments shall be of standard make, in proper working condition and duly calibrated wherever applicable. Calibration certificates shall be produced before the Engineer-in-Charge whenever required.

SCHEDULE - D

LIST OF PREFERRED MAKES OF MATERIALS

Name of work: MOEI & Fans, Compound lighting etc. at MSME Bhanpuri Raipur For the year of 2026-27.

The following makes of materials are preferred for use in above work. The material shall be confirming to relevant IS specification and same shall bear ISI marking.

Sl.No.	Description of Item	Makes
1.	FRLS Copper Conductor PVC Insulated Wires.	Finolex / RR Kabel / Havell /Polycab/ KEI/ AKG/ ESC
2.	XLPE/PVC Insulated PVC Sheated Armoured/Unarmoured Aluminium /Copper conductor/UG Cable of 1.1 KV Grade	Finolex / RR Kabel / Havell /Polycab/ KEI/ AKG/ ESC
3.	4.5 Kg capacity CO2 type/6 Kg Dry Powder ABC type Fire Extinguisher (ISI: Marked)	Padmini/ Lifeguard/ Flameklog/ Ceasefire/ Safety first
4.	Steel Conduit and accessories (ISI marked)	BEC / NIC / AKG/ Steel Kraft/ RMCON
5.	PVC Conduit and accessories (ISI marked)	BEC / AKG/ Precision / Polycab
6.	GI Pipe & accessories (ISI Marked)	Jindal (Hissar/Star)/TATA/Zenith
7.	Modular type/ Piano type switch, Socket, Regulators, GI Box, Cover plate & accessories.	Havells/ Legrand / Honeywell / Northwest / ABB
8.	PVC Surface Box	Anchor woods /Havells/Legrand / Honeywell / Northwest
9.	PVC batten/ angle holder	Anchor/ Philips/ Havells/ Goldmedal
10.	ELCB / RCCB / MCCB(Ics=100%Icu) / MCB DB / MCB'S/Contactors	Legrand / Havells / LK(Lauritz Knudsen) / Schneider/ ABB
11.	Capacitor	Philips/ Crompton / Wipro/ Havells / Bajaj
12.	1200 mm ceiling fan BEE Star (BLDC)	Havells / Usha/ Atomberg / Bajaj/ Orient/ Crompton/ Halonix
13.	LED fittings and accessories.	Havells/ Crompton/ Philips/ Wipro / Jaquar/ Bajaj/ Halonix
14.	Any other item not mentioned above.	As per samples approved by Engineer-in-charge.

In case any of makes for any of the material is not covered in the above list for using at site then the contractor will inform the Engineer-in-charge about the same and obtain the approval. Thereafter, he can proceed with the supply of the material.

Contractor **Executive Engineer (E)**

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