



भारत सरकार
GOVERNMENT OF INDIA
केंद्रीय लोक निर्माण विभाग
CENTRAL PUBLIC WORKS DEPARTMENT

Name of work: MOEI & Fans including RMO of Pumpsets, Street lights, Lifts etc at Income Tax Office & Residential Qtrs, Erode for the year 2026-27. SH: Replacement of wornout LED fittings and Exhaust fans.

NOTICE INVITING TENDER

**O/o. THE ASSISTANT ENGINEER (E),
CCESD-I, CPWD, COIMBATORE-18.**

NOTICE INVITING TENDER

NIT No: 48/AE(E)/CCESD-I/EE(E)/CCED/CPWD/CBE/2026-27

Name of work: MOEI & Fans including RMO of Pumpsets, Street lights, Lifts etc at Income Tax Office & Residential Qtrs, Erode for the year 2026-27. SH: Replacement of wornout LED fittings and Exhaust fans.

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(Certified that this NIT contains Page numbers from 01 to 53 (Fifty Three Only)

*Assistant Engineer (E),
CCESD-I, CPWD, Coimbatore-18.*

PART - A



**GOVERNMENT OF INDIA
CENTRAL PUBLIC WORKS DEPARTMENT
OFFICE OF THE ASSISTANT ENGINEER (E)
COIMBATORE CENTRAL ELECTRICAL SUB DIVISION-I
GST BHAWAN CAMPUS, RACE COURSE ROAD,
COIMBATORE - 641 018.
email: aecessd.cpwd@gmail.com**



No. 67(1)/2026/CCESD-I/373

Dated: 18-09-2026

**PRESS NOTICE
NOTICE INVITING e –TENDER**

The Assistant Engineer (Elect.), Coimbatore Central Electrical Sub Division-I, CPWD, GST Bhawan, Race Course Road, Coimbatore -18 (Telephone No.0422-2993844, E-mail: aecessd.cpwd@gmail.com) for and on behalf of President of India invites online Percentage rate composite bids from eligible registered contractors of CPWD (B & R) Category for the following work:

NIT No: 48/AE(E)/CCESD-I/EE(E)/CCED/CPWD/CBE/2026-27

Name of work:- MOEI & Fans including RMO of Pumpsets, Street lights, Lifts etc at Income Tax Office & Residential Qtrs, Erode for the year 2026-27. SH: Replacement of wornout LED fittings and Exhaust fans.

Estimated cost: Rs. 1, 56, 010/-

Earnest Money: Rs. 3, 120 /- (To be refunded after receipt of performance guarantee)

Period of Completion : One Month

Last Time & Date of submission of Bids : Up to 15:00 Hours on 26-09-2026

Time & Date of opening of bids : 15:30 Hours on 26-09-2026

The Bid forms and other details can be obtained from the website <https://etender.cpwd.gov.in> or <https://eauction.cpwd.gov.in>

**Assistant Engineer (E),
CCESD-I, CPWD, Coimbatore-18.**

Copy to:-

1. The Executive Engineer (E), CPWD, Coimbatore for kind information please.
2. The Executive Engineer, CCD, CPWD, Coimbatore for information please.
3. Assistant Accounts Officer, CCED, CPWD, Coimbatore.
4. Notice Board.

Assistant Engineer (E)

**INFORMATION AND INSTRUCTIONS FOR BIDDERS FOR e-BIDING
FORMING PART OF BID DOCUMENT AND TO BE POSTED ON WEBSITE**

The Assistant Engineer (Elect.), Coimbatore Central Electrical Sub Division-I, CPWD, GST Bhawan, Race Course Road, Coimbatore -18 (Telephone No.0422-2993844, E-mail: aecessd.cpwd@gmail.com) for and on behalf of President of India invites online Percentage rate composite bids from eligible registered contractors of CPWD (B & R) Category for the following work:

S.No	Description	Particulars
1	NIT No.	48/AE(E)/CCESD-I/EE(E)/CCED/CPWD/CBE/2026-27
2	Name of work & Location	MOEI & Fans including RMO of Pumpsets, Street lights, Lifts etc at Income Tax Office & Residential Qtrs, Erode for the year 2026-27. SH: Replacement of wornout LED fittings and Exhaust fans.
3	Estimated Cost put to Tender	Rs. 1, 56, 010/-
4	Earnest Money	Rs. 3, 120 /-(To be refunded after receipt of performance guarantee)
5	Period of Completion	One Month
6	Last date & time of online submission of bids.	Up to 15:00 Hours on <u>26-09-2026</u>
7	Time & Date of opening of Price bid	15:30 Hours on <u>26-09-2026</u>

INSTRUCTIONS FOR BIDDERS

Name of work:- MOEI & Fans including RMO of Pumpsets, Street lights, Lifts etc at Income Tax Office & Residential Qtrs, Erode for the year 2026-27. SH: Replacement of wornout LED fittings and Exhaust fans.

- A. The contractor submitting the tender should read the schedule of quantities, additional conditions, additional specifications, particular specifications and other terms and special conditions given in the NIT and architectural drawings. The Bidder should also read the **General Conditions of Contract 2023 for Maintenance Works with amendments/ modification up to the previous day of last date of submission of tender**, which is/will be available as Government of India Publications; however, provisions included in the tender document shall prevail over the provisions contained in the standard form. The NIT shall be available with **The Assistant Engineer (Elect.), Coimbatore Central Electrical Sub Division, CPWD, GST Bhawan, Race Course Road, Coimbatore -18 (Telephone No.0422-2993844, E-mail: aecessd.cpwd@gmail.com)**. The contractor should also visit the site of work and get acquainted 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. They are requested to comply following instructions.
- B. Tenders with any condition including that of conditional rebates shall be rejected. Rates of such tenders shall not be entered in the tender opening register at the time of opening of tender.
- C. The successful Bidder shall be required to submit a Performance Guarantee of **5% (five Percent)** of the tendered amount within 7 days of issue of letter of intent. This period can be further extended by Engineer-in-Charge upto a maximum period of 7 more days on the written request of the contractor subject to payment of late fee @ 0.1% per day of Performance Guarantee amount.
- D. GST as applicable and Labour Cess @ 1% shall be borne by the contractor himself. The contractor shall quote his rates considering all such taxes.
- E. **It will be obligatory on the part of the Bidder to tender for and sign the tender documents for all the component parts. The department reserves right to accept tender in full or in part. The bidder has no right to claim any compensation for the acceptance of part tender by the department.**
- F. All materials and systems used in the project are intended to maximize energy efficiency for operation of Project throughout service life (substantial completion to ultimate disposition – reuse, recycling, or demolition) with an emphasis on top quality. Materials and systems are to maximize environmentally-benign construction techniques, including construction waste recycle, reusable delivery packaging, and reusability of selected materials. All vendors / contractors must adhere to best practices related to Green Buildings. Nothing extra on this account shall be payable.
- G. The Bid document consisting of plans, specifications, schedule of quantities 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 in the office of **The Assistant Engineer (Elect.), Coimbatore Central Electrical Sub Division, CPWD, GST Bhawan, Race Course Road, Coimbatore -18 (Telephone No.0422-2993844, E-mail: aecessd.cpwd@gmail.com)** during the office hours on all days except on Second Saturday, Sundays & Public holidays and also can be downloaded free of cost from website <https://etender.cpwd.gov.in> or <https://eauction.cpwd.gov.in>
- H. Applicants are advised to keep visiting the above mentioned web-sites from time to time (till the deadline for Tender submission) for any updates in respect of the tender documents, if any. Failure to do so shall not absolve the applicant of his liabilities to submit the applications complete in all respect including updates thereof, if any. An incomplete application may be liable for rejection.
- I. Those contractors not registered on the website mentioned above, are required to get registered themselves beforehand. If needed they can be imparted training on online tendering process as per details available on the website. The intending Bidders must have valid Class-III digital signature to submit the Tender.

- J. The intending Bidders has to fill all the details such as Banker's name, number, amount & date of Earnest Money 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 (Drawn in favour of the ***Executive Engineer(Civil), Coimbatore Central Division, C.P.W.D., Coimbatore, Payable at Coimbatore*** shall be scanned and uploaded to the e-tendering website within the period of Bid submission. In case of submission of EMD in the form of FDR, it is in the tenderer's own interest to keep the FDR valid as long as it is required. A part of earnest money is acceptable in the form of bank guarantee also. In such case, 50% of earnest money or Rs 20 Lakhs, whichever is less, will have to be deposited in shape prescribed above, and balance in shape of Bank Guarantee issued by a Commercial Bank valid for a period of 90 days or more which is to be scanned and uploaded by the intending Bidders.

- a. **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 Executive Engineer) shall issue a receipt of deposition of earnest money deposit to the bidder in a prescribed format (as given in CPWD-6) uploaded by tender inviting Executive Engineer in the NIT. This receipt shall also be uploaded to the e-tendering website by the intending bidder up to the specified bid submission date and time.**
- b. Contractor shall not divert any advance payments or part thereof for any other purpose other than needed for completion of the contracted work. All advance payments received as per terms of the contract (i.e. mobilization, secured advance against materials brought at site, secured advance against plant & machinery and / or for work done during interim stages, etc.) are required to be re-invested in the contracted work to ensure advance availability of resources in terms of materials, labour, plant & machinery needed for required pace of progress for timely completion of work.
- c. The intending Bidders must read the terms and conditions of CPWD-6 carefully. He should only submit his Tender if he considers himself eligible and he is in possession of all the documents required.
- d. Information and instructions for Bidders posted on website shall form part of Tender Document.
- e. If any information furnished by the applicant is found incorrect at a later stage, he shall be liable to be debarred from tendering/taking up of works in CPWD. The department reserves the right to verify the particulars furnished by the applicant independently.
- f. Contractor can upload documents in the form of JPG format and PDF format.
- g. Contractor must ensure to quote Percentage rate (s) of each sub works, in case, if a bidder 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.
- h. Contractor must ensure to quote rate in the prescribed 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.
- i. After ascertaining the eligibility of participated bidders the Technical bids shall be opened first on due date and time as mentioned above in case of two bid system. In single bid

system, the financial bids will be opened only after ascertaining the eligibility of participated contractors.

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

*** To be filled by the Assistant Engineer**

Assistant Engineer (E)
CCESD-I, CPWD, Coimbatore-18.

Additional Instructions to the bidders For Submission of Tenders

Tender to be witnessed at specified page of tendered documents at the time of drawing agreement with the successful bidder.

1. The tender / tenders containing conditions contrary to those specified in this document shall be summarily rejected.
2. In schedules of quantities appended to the tender documents, the rates in terms of overall percentage above or below the total estimated amount put to tender must be filled both in figures and words on specified page of tender document.
3. The contractor/ agency shall quote the rate keeping in view that they have to give an undertaking before award of work that “they will install/ arrange field testing instruments and essential T&P/ technical representatives specified in the tender document/specification.
4. It will be mandatory to first refer any dispute related to execution of this work to the conciliator. Contractor or department can only seek arbitration if not satisfied with the decision of the conciliator. This should be read along with provisions of clause 25 of GCC 2023 for maintenance works duly amended & modified with corrections up to date of submission of tender.
5. All expenditure to be incurred for testing of samples e.g. packaging, sealing, transportation, loading, unloading etc. including testing charges shall be borne by the contractor.
6. Registered contractors of CPWD should note that the various conditions incorporated in their enlistment is applicable in the present tender. Any default on their part during execution of the work will be referred to the registered authority for further action.
7. The rates quoted by the bidder should be inclusive of prevailing GST rates & no claims in this regard shall be admissible.
8. The tenderers may read the provisions of the General Conditions of Contract-2023 as described in the tender document thoroughly before quoting.
9. All items of paints incorporated in the schedule of quantity will be based on supply/apply basis. The agency has to supply the desired quantity & the same will be kept in custody of the department. Material will be issued to the agency by the JE-in-charge of the work as per requirement.

List of Documents to be submitted by the Bidders in various forms to be scanned and uploaded in JPG format or PDF format within the period of Tender submission:

1. Valid Enlistment Order of the Contractor.
2. Treasury Challan / Demand Draft / Pay order or Banker's Cheque / Deposit at Call Receipt / Bank Guarantee / Fixed Deposit Receipt of any Scheduled Bank against EMD.
3. Copy of receipt for deposition of original EMD issued from Division office of any Executive Engineer, CPWD.
4. 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 a/c of the work executed and/or for any action taken by CPWD or GST department in this regard."

5. Valid electrical license if already obtained by the bidder.

If the bidder has not obtained valid electrical license as applicable, then he shall scan and upload following under taking along with bid documents "If the work is awarded to me, I/We shall obtain valid electrical license as applicable from the competent authority or I/We will associate the CPWD agency of appropriate class who is having valid electrical license with in 7 days of receipt of letter of commencement, failing which I/we shall be responsible for any action taken by CPWD in this regard."

6. Certificate issued through LMS (Learning Management System) in ERP after completing compulsory ERP training to the contractor or his authorized representative through any of the CPWD/RTI at Delhi, Mumbai, Chennai and Kolkata, NCA Ghaziabad as per circular No.DG/Enlist.Rules.2023/07 Issued by the Authority of Director General, CPWD, Dated:12.01.2024.

7. Any other document as specified in this NIT

The successful L1 bidder has to submit the original hardcopy of the above uploaded documents to the Engineer-in-Charge for the purpose of verification within seven days.

SCOPE AND BRIEF PARTICULARS OF THE WORK

Brief Specification

General:

It is proposed to replace worn out fittings and fans at Income Tax Campus at Erode.

Assistant Engineer (E)
CCESD-I, CPWD, Coimbatore-18.

FORMAT FOR RECEIPT OF ORIGINAL EMD

<i>Receipt of deposition of Original EMD</i>	
<i>(Receipt No..... Dated.....)</i>	
(1)	Name of Work:- MOEI & Fans including RMO of Pumpsets, Street lights, Lifts etc at Income Tax Office & Residential Qtrs, Erode for the year 2026-27. SH: Replacement of wornout LED fittings and Exhaust fans.
(2)	NIT No: 48/AE(E)/CCESD-I/EE(E)/CCED/CPWD/CBE/2026-27
(3)	Estimated Cost : Rs. 1, 56, 010/-
(4)	Amount of Earnest Money Deposit : Rs. 3, 120 /-
(5)	Last date of Submission of Bid: Upto 15:00 Hrs. on 26-09-2026
(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/AAO along with Office Stamp	
# To be filled by EMD receiving EE/AE/AAO	

Note:

1. The Executive Engineer of all division of CPWD should receive the original EMD for tender of other division.
2. The Original EMD receiving Executive Engineer shall release the EMD after verification from the e-tendering portal website (etender.cpwd.gov.in) that the particular contractor is not L-1 tenderer and work is awarded.

ANNEXURE-II**Undertaking regarding obtaining GST registration Certificate of
The State, in which work is to be taken up**

If work is awarded to me, I/we shall obtain GST registration Certificate of the State, in which work is to be taken up 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.

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

Signature of Notary with seal

Signature of Bidder(s) or an authorized Officer of the firm with stamp

Annexure-III**Undertaking to be submitted by contractor, if he is not having
Electrical License.**

If the bidder has not obtained valid electrical license as applicable, then he shall scan and upload following under taking along with bid documents “If the work is awarded to me, I/We shall obtain valid electrical license as applicable from the competent authority or I/We will associate the CPWD agency of appropriate class who is having valid electrical license with in 7 days of receipt of letter of commencement, failing which I/we shall be responsible for any action taken by CPWD in this regard.”

NOTE: Undertaking to be furnished on letterpad of the contractor.

Signature of Bidder(s) or an authorized Officer of the firm with stamp



**CPWD- 6 FOR e-TENDERING
GOVERNMENT OF INDIA
CENTRAL PUBLIC WORKS DEPARTMENT**



The Assistant Engineer (Elect.), Coimbatore Central Electrical Sub Division, CPWD, GST Bhawan, Race Course Road, Coimbatore -18 (Telephone No.0422-2993844, E-mail: aeccesd.cpwd@gmail.com) for and on behalf of the President of India invites **online Percentage rate** composite bids from eligible registered contractors of **CPWD (B & R) Category** for the following work of **MOEI & Fans including RMO of Pumpsets, Street lights, Lifts etc at Income Tax Office & Residential Qtrs, Erode for the year 2026-27. SH: Replacement of wornout LED fittings and Exhaust fans.** The work is **Estimated cost: Rs. 1, 56, 010/-**

This estimate, however, is given merely as a rough guide.

1. The enlistment of the contractors should be **valid on the last date of submission of bids**. In case the last date of submission of bids is extended, the enlistment of contractor should be valid upto the extended date of submission of bids.
2. 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.
3. Agreement shall be drawn with the successful Bidders on prescribed **Form No. CPWD7** which is available as a Govt. of India Publication and also available on website <https://etender.cpwd.gov.in> or <https://eauction.cpwd.gov.in>. Bidder shall quote his percentage rate(s) as per various terms and conditions of the said form which will form part of the agreement.
4. The time allowed for carrying out the work will be **30 Days** 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.
5. *The site for the work is available.*
6. The bid document consisting of plans, specifications, the schedule of quantities of various types of items to be executed and the set of terms & conditions of the contract to be complied with and other necessary documents can be seen on website <https://etender.cpwd.gov.in> or <https://eauction.cpwd.gov.in> at free of cost.
7. The standard publications like General Conditions of Contract, Applicable Delhi Schedule of Rates for Civil and Electrical, Applicable Specifications for Civil and Electrical works and Applicable Delhi Analysis of Rates for civil and electrical with amendments /correction slips up to the previous day of last date of submission of Bids can be seen free of cost from website www.cpwd.gov.in.
8. After submission of the Bid the contractor can re-submit revised Bid any number of times but before last time and date of submission of Bid as notified.
9. While submitting the revised Bid, contractor can revise the rate of one or more item(s) any number of times (he need not re-enter rate of all the items) but before last time and date of submission of Bid as notified.

10. 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.
11. **Earnest Money of Rs. 3, 120 /-** can be paid in the form of Insurance surety bond or Demand Draft or Banker's Cheque or Fixed Deposit Receipt of a commercial bank (drawn in favour of *Executive Engineer (Civil), Coimbatore Central Division, C.P.W.D., Coimbatore* Payable at *Coimbatore* shall be scanned and uploaded to the e-tendering website within the period of Bid submission.

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 Lakhs, whichever is less, shall have to be deposited in shape prescribed above, and balance may be deposited in shape of Bank Guarantee of any commercial bank having validity for **90 Days or more from the last date of submission of Bids which is to be scanned and uploaded by the intending Bidders.**

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 Executive Engineer) shall issue a receipt of deposition of earnest money deposit to the bidder in a prescribed format (given below) as uploaded by tender inviting Executive Engineer in the NIT. **This receipt shall also be uploaded to the e-tendering website by the intending bidder up to the specified bid submission date and time.**

11. Copy of Enlistment Order 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.**

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

13. **The bid submitted shall be opened at 15:30 Hours on 26-09-2026**

1. The Bid submitted shall become invalid if:

(i) The Bidder is found ineligible.

(ii) The bidder does not deposit original EMD with division office of any Executive Engineer, CPWD.

(iii) The bidder does not upload all the documents (including GST registration) as stipulated in the bid documents including the copy of receipt for deposition of original EMD.

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

(v) 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 bidder.

14. 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.10,000/-) or Insurance surety Bonds, Account payee Demand Draft, Fixed Deposit Receipt, Banker's Cheque or Bank Guarantee (as prescribed) issued by a commercial bank 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 department will be at liberty to suspend the agency/contractor for one year and shall not be eligible to bid for CPWD tenders from date of issue of suspension order.

15. **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 Associate sub-contractors, if any engaged by the contractor for the said work and Programme Chart (Time and Progress) within the period specified in Commercial F. (Vide O.M. No. DG/SE/CM/CON/295 dated 21.12.2016)

16. 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 bidder 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 bidder 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 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 and local conditions and other factors having a bearing on the execution of the work.
17. 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 bidder shall be summarily rejected.
18. Canvassing whether directly or indirectly, in connection with Bidder is strictly prohibited and the tenders submitted by the contractors who resort to canvassing will be liable to rejection.
19. 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.
20. The contractor shall not be permitted to bid for works in the CPWD Zone / ~~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 Chief Engineer/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 contractor would render him liable to be removed from the approved list of contractors of this Department.
21. 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 bid or engagement in the contractor's service.
22. **The Bid for the works shall remain open for acceptance for a period of Thirty (30) Days from the date of opening Bids. If any tenderer withdraws his tenders 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 any prejudice to any other right or remedy, be at liberty to forfeit 50% of the said Earnest Money absolutely irrespective of letter of acceptance of the work is issued or not. If any tenderer withdraws his tenders or makes any modifications in the terms & condition of the tender which is not acceptable to the department after expiry of 7 days after last date of submission of bid, then the Government shall without any prejudice to any other right or remedy, be at liberty to forfeit 100% of the said Earnest Money absolutely irrespective of**

letter of acceptance of the work is issued or not. (ii) Further, in case of forfeiture of EMD in any one manner as above, the Bidders shall not be allowed to participate in the rebidding process of the same work.(As per OM No.DG/MAN/393 Dated 03.01.2020).

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

a) The Notice Inviting Bid, all the documents including Special Conditions, General Specifications/ 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 (GCC for CPWD MaintenanceWorks 2023) with amendments up to the pervious day of last date of submission of Tender.

24. Percentage Rate quoted shall include all GST, royalties, terminal taxes, Octroi duties, Central or Provincial Excise Tax, Sales Tax and any other taxes leviable under the state or Central Government rules and transit insurance, cartage and stacking at required places etc., The CPWD will not entertain any claim whatsoever in this respect.

25. 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 bids are received satisfying the laid down criterion.

26. For B&R Bids:

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

27.2 The bid document will include following Four components:

Part A:- CPWD-6, CPWD Form- 7 Standard CPWD General Conditions of Contract for Maintenanceworks 2023 as modified up to the pervious day of last date of submission of bid.

Part B :- Schedule A to F for major component (Electrical) of the work (competent authority under clause 2 and clause 5 shall be same authority as mentioned in Schedule A toF for minor components), General/specific conditions / Additional conditions / Specifications and Schedule of quantities applicable to minor component of the work.

Part C:-Schedule A to F for the minor component (Civil) of the work, General / specific conditions, specifications, Safety practices and schedule of quantities applicable to major component of the work.

Part D: - Schedule of quantities (Civil and E& M components).

27.2.1 The bidders must associate himself/themselves with the agencies as per NIT conditions.

27.2.2 The eligible bidders shall quote percentage (rates) below/ above / at par ECPT for both major as well as minor component of the bid.

27.2.3 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 EEs in charge of minor components. One such signed set of agreement shall be handed over to EE in - charge of minor component. EE of major component (i.e., ELECTRICAL works) will operate the agreement.

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

27.2.5 Security Deposit will be worked out separately for each component corresponding to the bid amount of the respective component of works.

27.2.6 The main contractor has to associate agencies for specialized components(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 to be associated shall be approved by Engineer-in-Charge of relevant component(s).

- 27.2.7 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 components(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.
- 27.2.8 The main contractor has to enter into MoU with agency(s) associated by him for execution of minor component(s). Copy of such MoU/agreement shall be submitted to EE-in-charge of each minor component as well as to EE in charge of major component. In case of change of associate contractor, the main agency(s) has to enter into MoU/agreement with the new contractor associated by him.
- 27.2.9 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 bidder.
- 27.2.10 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 Executive Engineers of both minor component and major component and by the Technical Sanctioning Authority of this composite work or any other authority notified by Directorate from time to time.
- 27.2.11 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.
- 27.2.12 It will be obligatory on the part of the bidder to sign the bid document for all components before the first payment is released.
27. Criteria of eligibility for submission of bid documents - Joint ventures and Special Purpose Vehicles are not accepted.

Contractor

**Assistant Engineer (E),
Coimbatore Central Electrical Sub Division-I,
CPWD, Coimbatore-641018.**

**GOVERNMENT OF INDIA
CENTRAL PUBLIC WORKS DEPARTMENT**

STATE: Tamil Nadu

**DIVISION: EE (E), CCED, CPWD, Coimbatore.
SUB-DIVISION: AE (E)-I, CCED, CPWD, Coimbatore.**

CPWD-7

PERCENTAGE RATE TENDER & CONTRACT FOR WORKS

Tender for the work of MOEI & Fans including RMO of Pumpsets, Street lights, Lifts etc at Income Tax Office & Residential Qtrs, Erode for the year 2026-27. SH: Replacement of wornout LED fittings and Exhaust fans.

To be submitted / Uploaded up to 15:00 Hours on 26-09-2026 & uploaded at <https://etender.cpwd.gov.in> or <https://eauction.cpwd.gov.in>

To be opened in the presence of Bidders who may be present upto 15:30 Hours on 26-09-2026, in the office of The Assistant Engineer (Elect.), Coimbatore Central Electrical Sub Division, CPWD, GST Bhawan, Race Course Road, Coimbatore -18 (Telephone No.0422-2993844, E-mail: aeccesd.cpwd@gmail.com)

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, General Conditions of Contract for **Maintenance** works 2023 with amendments up to the last date of submission of tenders, clauses of contract, Special conditions, Schedule of Rates & 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 General Conditions of contract of 2023 for **Maintenance** work with amendments up to the last date of submission of tenders and with such materials as are provided for, by, and in respect of accordance with, such conditions so far as applicable.

We agree to keep the tender open for **Thirty (30) Days** from the last date for receipt of bids and not to make any modification in its terms and conditions.

I/We deposited EMD for the prescribed amount in the office of concern 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, deposit receipt, banker cheque or / bank guarantee issued by a commercial bank(as prescribed) issued by a commercial bank, is scan and uploaded(strike out as the case may be)

A sum of **Rs. 3, 120/-** will be deposited by me/us with AE/EE calling the tenders in Insurance surety bond/banker's cheque/fixed deposit receipt of commercial bank/demand draft of a commercial bank/ bank guarantee issued by a commercial bank as earnest money. If I/We, fail to furnish the prescribed performance guarantee within prescribed period, I/We agree that the said President of India or his successors, in office shall without prejudice to any other right or remedy, be at liberty to forfeit the said earnest money absolutely. Further, if I/We fail to commence work as specified, I/We agree that President of India or the successors in office shall without prejudice to any other right or remedy available in law, be at liberty to forfeit the said performance guarantee absolutely, the said performance guarantee shall be a guarantee to execute all the works

referred to in the tender documents upon the terms and conditions contained or referred to those in excess of that limit at the rates to be determined in accordance with the provision contained in Clause 12.2 and 12.3 of the tender form.

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

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

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

Dated: Signature of Contractor ****

Witness: **

Postal Address **

Address: **

Occupation: **

*****To be filled in by the contractor***

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 the President of India

Signature*

Designation*

Dated: *.....

****To be filled in by AE***

PART- B

PROFORMA OF SCHEDULES

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

(Operative Schedule to be supplied separately to each intending Bidder)

SCHEDULE 'A':

Schedule of quantities attached for Electrical works: enclosed in **Page No. 51-52**

SCHEDULE 'B':

Schedule of materials to be issued to the contractor

S. No.	Description of item	Quantity	Rates in figures & words at which the material will be charged to the contractor	Place of issue
_____ NIL _____				

SCHEDULE 'C'

Tools and plants to be hired to the contractor

S. No.	Description	Hire charges per day	Place of Issue
_____ NIL _____			

SCHEDULE 'D'

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

Electrical work:

Particular specifications and special conditions: As per part B of tender document

SCHEDULE 'E'

Reference to General Conditions of Contract: CPWD General Conditions of Contract 2023 for Maintenance Works with amendments up to the last date of submission of bids.

Name of Work: **MOEI & Fans including RMO of Pumpsets, Street lights, Lifts etc at Income Tax Office & Residential Qtrs, Erode for the year 2026-27. SH: Replacement of wornout LED fittings and Exhaust fans.**

Estimated cost of work: **Rs. 1, 56, 010/-**

(i)	Earnest Money	Rs. 3, 120 /-
(ii)	Performance Guarantee	5% of bid value
(iii)	Security Deposit	2.5% of bid value

SCHEDULE 'F' (GENERAL RULES & DIRECTIONS)

Officer inviting bid: **The Assistant Engineer (Elect.), Coimbatore Central Electrical Sub Division, CPWD, GST Bhawan, Race Course Road, Coimbatore -18 (Telephone No.0422-2993844, E-mail: aecessd.cpwd@gmail.com)**

Definitions:

2(v)	Engineer-in-Charge Electrical Work	The Assistant Engineer (Elect.), Coimbatore Central Electrical Sub Division, CPWD, GST Bhawan, Race Course Road, Coimbatore -18 or his successor thereof.
2(viii)	Accepting Authority	The Assistant Engineer (Elect.), Coimbatore Central Electrical Sub Division, CPWD, GST Bhawan, Race Course Road, Coimbatore -18 or his successor thereof.
2(x)	Percentage on cost of materials and Labour cover all to overheads and profits	15%
2(xi)	Standard Schedule of Rates	DSR E&M 2025 (Electrical works)
2(xii)	Department	Central Public Works Department
9(ii)	Standard CPWD Contract Form GCC 2023,	CPWD Form 7& GCC for Maintenance Works 2023 read along with all correction slip issued up-to the last date of submission of bid.

Clause 1

(i)	Time allowed for submission of, Performance Guarantee amount, Programchart (Time and progress) and applicable labour licenses, registration with EPFO, ESIC & BOCW Welfare board or proof of applying thereof from the date of issue of letter of acceptance intent.	07 (SEVEN) days
(ii)	Maximum allowable extension with late fee @ 0.1% per day of Performance Guarantee amount beyond the period provided in (i) above	07(SEVEN) days
(iii)	Maximum allowable extension for submitting PG with late fee @ 0.1% per day of Performance Guarantee amount beyond the period provided in (i) above	07(SEVEN) days

Clause 1A

Whether clause 1A shall be applicable: Yes

Clause 2

a)	Authority for fixing compensation under clause 2	Chief Engineer, Madurai, CPWD, Madurai Or his successor thereof.
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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.
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Time allowed for execution of work: 01 Month.

Authority to decide:

(i)	Extension of time	The Assistant Engineer (Elect.), Coimbatore Central Electrical Sub Division, CPWD, GST Bhawan, Race Course Road, Coimbatore -18 or his successor thereof.
(ii)	Rescheduling of mile stones	Chief Engineer, O/o CE Madurai CPWD, Madurai-17 or his successor thereof.
(iii)	Shifting of date of start in case of delay in handing over of site	Chief Engineer, O/o CE Madurai CPWD, Madurai-17 or his successor thereof.

Clause 6

Computerised Measurement Book (CMB)/

Electronic Measurement Book (EMB)

: Electronic Measurement Book (EMB)
Through CPWD ERP portal

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	Rs. 1 Lakhs
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Clause: 7A

Whether Clause 7A shall be applicable

: Yes

No Running account bill shall be paid for the work till the applicable labour licenses, registration with EPFO, ESIC and BOCW Welfare Board, whatever applicable are submitted by the contractor to the Engineer-in-charge.

Clause 7 B

Whether clause 7B shall be applicable

: Yes

Clause 8A

Authority to decide compensation on account if the contractor fails to submit Completion Plans

: AE(E),CCESD-I,Coimbatore.

The amount to be payable by the contractor, if he fails to submit completion plans

: Not Applicable

Clause 9

Whether clause 9 shall be applicable

: Yes

Clause 10 A

List of testing equipments to be provided by the contractor at site lab: As per direction of AE (E)

Clause 10 B (ii) whether applicable : Not Applicable

Clause 10C : Applicable

Component of labour expressed as Percentage of value of work	25%
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Clause 10CA- : Not Applicable

Clause 10CC: : Not Applicable

Clause 11

Specifications to be followed for execution of work	CPWD General Specifications for Electrical Works Part I Internal –2023 with uptodate amendments . CPWD General Specifications for Electrical Works Part II External –2023 with uptodate amendments . General Operation & Maintenance guidelines as specified by the OEM / Manufacturer of E&M equipments.
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Clause 12

Type of work: : Maintenance Work

12.2.&12.3	Deviation limit beyond which Clauses 12.2 & 12.3 shall apply (All Works)	NA ; All the deviated quantities shall be paid at agreement rates.
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Clause 16

Competent Authority for deciding reduced rates.	Chief Engineer, O/o CE Madurai CPWD, Madurai-17 or his successor thereof.
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Clause 18:

List of Mandatory machinery tools & plants to be deployed by the contractor at site: As per direction of EE (E)

Clause 19C Authority to decide for each default	Chief Engineer, CPWD, Madurai or successor thereof
Clause 19D Authority to decide for each default	Chief Engineer, CPWD, Madurai or successor thereof
Clause 19G Authority to decide for each default	Chief Engineer, CPWD, Madurai or successor thereof
Clause 19J Authority competent to impose levy:	Chief Engineer, CPWD, Madurai or successor thereof
Clause 19L	The ESI and EPF contributions on the part of employer in respect of this contract shall be paid by the agency. These contributions on the part of the employer paid by the agency shall be reimbursed by the Engineer-in-Charge to the agency on receipt of request from the agency along with relevant supporting documents.

Clause 25

Procedure for conciliation and arbitration for settlement of Disputes.

i) Conciliator	The Special Director General, Chennai, CPWD, Chennai or his successor.
ii) Arbitrator Appointing Authority	Chief Engineer-Madurai, CPWD.
iii) Place of Arbitration	Madurai, Tamilnadu

Note: The constitution of Dispute Redressal Committee is subject to change, for which necessary notification shall be issued by the competent authority of the department, if required.

Clause 32 Requirement of Technical Representative(s) and Recovery Rates : NIL

Retired Engineer Assistant Engineers retired from Government services, who are holding Diploma will be treated at par with Graduate Engineers. Diploma holders with minimum 10 year relevant experience with a reputed construction company 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

(i) (a) Schedule / statement for determining theoretical quantity of cement & bitumen on the basis of Delhi Schedule of Rates 2021 issued by C.P.W.D. with correction Slips up to the last date of submission of bids : Not Applicable

(ii) Variations permissible on theoretical quantities.

(a) Cement for works with estimated cost put to: Not Applicable

(b) Bitumen for all works : Not Applicable

(c) Steel Reinforcement and structural steel sections for each diameter, section and category : Not Applicable

(d) All other materials : Nil

Contractor

Assistant Engineer (E),
CPWD, Coimbatore.

Annexure-IX**Form of Application by the Contractor for seeking Extension of Time**

Name of Contractor :
 Name of work as given in the agreement :
 Agreement No. :
 Estimated amount put tender :
 Date of commencement of works as per agreement :
 Period allowed for completion of work as per agreement :
 7.Date of completion stipulated in agreement :
 Period for which extension of time if has been given by :
 authority in Schedule 'F' "Previously

	EE's Letter No. and date	Extension granted	
		Months	Days
1st Extension			
2nd Extension			
(c) 3rd Extension			
Total extension previously given			

Reasons for which extension have been previously given
(copies of the previous applications should be attached) :

Period for which extension if applied :

Hindrances on account of which extension is applied for which
dates on which hindrances occurred and the period for which
these are likely to last (for causes under clause 5.2/ and 5.3) :

Serial No.

Nature of hindrance

Date of occurrence

Period for which it is likely to last

Period for which extension required for this particular hindrance

Overlapping period if any, with reference to item. (g) Net extension applied for

Remarks, if any.

Total period on account of hindrance mentioned aboveMonths.....Days

Extension of time required for extra work

Details of extra work and the amount involved:

Total value of extra work.

Proportionate period of extension of time based on estimated amount put to tender on account
of extra work.

Total extension of time required for Sl.No: 11 & 12

Submitted to the Sub Divisional Officer.....

Signature of Contractor

Dated

Annexure-X

Form of Application of the Contractor for seeking Rescheduling of the Milestones

Name of Contractor :
 Name of work as given in the agreement :
 Agreement No. :
 Estimated amount put tender :
 Date of commencement of works as per agreement :
 Period allowed for completion of work as per agreement :
 Date of completion stipulated in agreement :
 Rescheduling of milestones done previously :

Milestone No. Already Recommercial	EE's Letter No. and date	Rescheduling of Milestones Done	
		Original Date	Reschedule date
1stMilestone			
2ndMilestone			

Rescheduling of Milestone applied for

Milestone No.for which Rescheduling is applied	Original/Recommercial Date	Details and Period of Hindrances	Comments of Executive Engineer	Proposed Recommercial Date of
(A)1st Milestone				
(B)2nd Milestone				

Submitted to the Sub Divisional Officer

Signature of Contractor

Dated

SPECIAL CONDITIONS

The 1st lowest tenderer have to submit the following documents for association of electrical contractor at least 7 days after to depositing performance guarantee.

1. The applicant should submit the willingness from an eligible electrical contractor to get associated with the applicant for execution of the electrical component of works in wholesome manner and as per the conditions set out in the MOU to be entered into, between the one who is awarded the work and the associated eligible electrical contractor.
2. In support of the eligibility conditions of the proposed associated electrical contractor, copy of their registration documents, Electrical Contractor's License, GST Documents duly attested by the applicants (Main Contractor) shall be submitted to the EE(E). Each such electrical contractor will certify that they are not debarred as on the day of application for sale of tender.
3. The main contractor will submit MOU signed on non-judicial paper with eligible registered electrical contractor of CPWD) only. The MOU in the enclosed form shall be signed by both the parties i.e. main contractor as 1st party and associated electrical contractor as 2nd party.
4. In the event of the concerned E&M agency not performing satisfactorily or failure of associate sub-contractor to complete the E&M work, the main contractor on the written direction of the department, shall remove the Associate/sub-contractor deployed on the work and shall submit name of new associate who fulfill the conditions mentioned in NIT to execute the leftover work without any loss of time or variation in cost to the department in this regard. Such associates shall also enter into tripartite Agreement/Contract along with the main tenderer and the departmental officer and shall meet all the guarantee for the equipment's already supplied for which payment has been released by the Deptt. in part. If any equipment supplied for the work, during the currency of the earlier Associate/sub-contractor and paid partly by the Deptt. ,becomes redundant /not in a position to be installed and commissioned and put to beneficial use due to change in agency for execution of E&M work, the main contractor shall be liable for replacement of the equipment(s) at no cost to Department. No change of Electrical Contractor will be allowed without prior approval of the department.
5. Executive Engineer (E) shall be the Engineer-in-charge as far as electrical works are concerned. Separate tender schedule abbreviated CPWD-8 and Special Conditions for Electrical Work are appended with this tender It will be obligatory on the part of the contractor/tenderer to sign the tender documents for all the component parts.
6. The main contractor shall be responsible and liable for proper and complete execution of the Electrical work and ensure coordination and completion of both civil and electrical work.
7. The associate or sub-contractor shall sign a tripartite Agreement/Contract along with the main tenderer and the departmental officer, for technical compliance of specification, guarantee etc.
8. The associate or sub-contractor shall attend the inspection of the work by the Engineer-in-Charge of E&M works as and when required.

MEMORANDUM OF UNDERSTANDING [M.O.U] BETWEEN
(TO BE SUBMITTED BEFORE START OF WORK)

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

Enlistment Status

Valid Up to:

[Henceforth called the main contractor]

And

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

Enlistment Status

Valid Upto:

[Henceforth, called Associated Electrical Contractor or Electrical Contractor]

Name of Work:- MOEI & Fans including RMO of Pumpsets, Street lights, Lifts etc at Income Tax Office & Residential Qtrs, Erode for the year 2026-27. SH: Replacement of wornout LED fittings and Exhaust fans Of an estimated cost of **Rs. 1, 56, 010/-** as per schedule, specifications, terms and conditions of the tender.

We state that M.O.U's. between us will be treated as an agreement and has legality as per Indian Contract Act (amended upto 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 of the MOU allows.

We have agreed as under:

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

SIGNATURE OF MAIN CONTRACTOR

SIGNATURE OF ASSOCIATED
ELECTRICAL CONTRACTOR

Date

Date

Place

Place

WILLINGNESS CERTIFICATE
(To be submitted before start of work)

Name of Work: MOEI & Fans including RMO of Pumpsets, Street lights, Lifts etc at Income Tax Office & Residential Qtrs, Erode for the year 2026-27. SH: Replacement of wornout LED fittings and Exhaust fans.

I hereby give my willingness to work as electrical contractor for the above mentioned work.

I will execute the work as per specifications and conditions for the agreement and as per direction of the Engineer-in-charge. Also I will employ full time technically qualified supervisor for the works. I will attend inspection of officers of the department as and when required.

Date:

Signature of Contractor

ADDITIONAL CONDITIONS OF CONTRACT & SPECIFICATIONS FOR E&M WORKS FOR MOEI & Fans including RMO of Pumpsets, Street lights, Lifts etc at Income Tax Office & Residential Qtrs, Erode for the year 2026-27. SH: Replacement of wornout LED fittings and Exhaust fans (E&M Portion, Part-C).

1.0. GENERAL AND COMMERCIAL CONDITIONS:

- 1.1. This section covers the various commercial conditions applicable and to be read in connection with the conditions of contract of the standard form (CPWD-7 / 8) of the department (CPWD) forming part of the tender papers. In the event of any discrepancy between these two, the requirements of the former will be followed.
- 1.2. These additional conditions and additional specifications are applicable to all E&M works in general. For specific tenders some of the E&M services may not be a part of the particular tender. In such cases the conditions and specifications which are not related to the works or components thereof mentioned in the schedule of work shall not apply for that particular tender.
- 1.3. All the E & M works shall be carried out as per direction and to the entire satisfaction of the Engineer-in-charge.
- 1.4. Unless otherwise specified in the following conditions, the work shall, in general, be carried out as per following specifications:
 - a) CPWD General Specifications for Electrical Works – Part-I (Internal), 2023 amended up to date.
 - b) CPWD General Specifications for Electrical Works – Part-II (External), 2023 amended up to date.
 - c) ~~CPWD General Specifications for Electrical Works – Part V (Wet Riser and Sprinkler System), 2020 amended up to date.~~
 - d) ~~CPWD General Specifications for Electrical Works Part VI Fire Detection and Alarm System – 2018.~~
 - e) ~~CPWD General Specifications for Electrical Works (Part III LITS & Escalators) – 2003~~
 - f) General Specifications For heating, Ventilation & Air-Conditioning (HVAC) Works (2017) with upto date amendments.
 - g) Relevant BIS specifications amended up to date.
 - h) Indian Electricity Act 2013 and Indian Electricity Rules 1956 amended up to date.
 - i) Local Fire Regulations applicable at the place of installation.
 - j) Relevant and applicable foreign standards and specifications amended up to date.
 - k) Any other relevant act or rules and local byelaws.
 - l) Commercial and additional conditions and specifications for E & M works for this tender.
- 1.5.1. The work shall be carried out by CPWD enlisted contractor of appropriate Class as per Composite category with valid Electrical license and supervisor license only and other criteria as per norms. In case the main contractor is not fulfilled the criteria, he should engage a suitable agency as associated contractor, for execution of this work. Name of electrical agency shall be given in consent letter Performa along with enlistment details of the agency

- 1.5.2. Executive Engineer (Elect.) shall be the Engineer-in-Charge as far as electrical works are concerned. It will be obligatory on part of the main contractor to sign the tender documents for all the component. The main contractor has to enter in agreement (MOU) with the Contractor associated by him for execution of minor component. Copy of such agreement shall be submitted to EE/DDH of minor component as well as EE in charge of major component
- 1.5.3. 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
- 1.5.4. The main contractor shall be responsible for coordinating the activities of all works and will ensure progress of works as per laid down program.
- 1.5.5. Normally, there shall be no change in associated contractor for minor component work during the execution of the work. If at all, a change is necessitated, the same should be acceptable to the department and such acceptable contractor shall fulfill the conditions laid down for the selection of the associated contractor in the tender document.
- 1.6. If the specifications for any item or its component are not available in the CPWD specifications cited above, relevant BIS specification as amended up to date shall be followed, whether or not the specific reference of a particular BIS specification has been made in this specification / tender document.
- 1.7. Wherever any reference to any Indian Standard specification occurs in the document relating to this contract the same shall be inclusive of all amendments issued thereto or revisions thereof, if any, up to the date of opening of tenders.
- 1.8. All materials should conform to relevant BIS specifications wherever the same exists in absence of stipulation in this tender document.
- 1.9.1. Where manufacturers furnishes specific instructions / recommendations relating to the materials used in this job and/or their installation, covering points not specifically mentioned in these documents, these instructions shall be followed in all cases and shall be deemed to be included in the schedule of work whether they have been specifically mentioned or not.
- 1.9.2. Manufacturer's catalogue / literature on installation, testing, maintenance and troubleshooting of major equipment's shall be submitted to the department while handing over the installation.
- 1.10. **MATERIALS TO BE USED IN THE WORK:**
 - 1.10.1. All materials used in the work shall be new and of good quality, conforming to the relevant specifications as per good engineering practice.
 - 1.10.2. All the materials proposed to be used in the work should be got approved from Engineer in Charge before use in work.

- 1.10.3. The materials to be supplied / provided by the contractor in execution of the work should be ISI marked, wherever applicable and of make as specified in the agreement. Where the make of any particular material is not specified in the contract document, the material shall be supplied as per makes desired by the engineer-in-charge.
- 1.10.4. It will be the responsibility of the contractor / bidder to ensure use of genuine materials in the work. The department reserves the right to get (any / all materials / components) inspected by the manufacturer or their authorized representatives at any stage of the execution of work. If any of the materials, equipments supplied and used in work is found spurious at any stage, then the department reserves the right to ask the contractor to replace it by genuine one and make suitable recovery and / or withheld suitable amount till it is done, even if any payment against that material is already made.
- 1.10.5. The department may ask for any valid document like manufacturer's test certificate, document for purchase of the material, document for import / shipment of imported materials etc. as deemed fit by the engineer-in-charge to ascertain genuinity of material supplied by / used in the work by the contractor. The contractor shall remain bound to submit all such documents to the department failing which payment may not be made or if already paid may be recovered / withheld from subsequent running account payment.
- 1.10.6. Copies of all purchase documents for all equipment's, accessories, fittings, fixtures etc. which carry guarantee / warrantee shall be handed over to the department in suitable form so that proper guarantee of materials are available to the department.
- 1.10.7. All the equipment's and their components and all the materials to be used in the work shall be suitable for the environmental conditions at the location of the work.
- 1.10.8. The materials to be supplied in this work shall be scheduled in such a way that miles stones are achieved and no shortfall is there. At the same time materials should be brought at sight in phases in such a manner so that they are not brought much in advance at site and dumped in work site for long period before installation and guarantee / warrantee of the materials are available for full period as per tender conditions. If the materials / equipment's are supplied at site much before actual use in work, the department shall not remain bound to make payment for such items of work involving the said materials / equipment's. The decision of the engineer in charge will be final and binding on all.
- 1.10.9. Dismantle materials, if any, should be returned to the department unless otherwise anything in contrary has been specifically stated in the tender document / BOQ.
- 1.11. **RATES:**
 - 1.11.1. Unless otherwise provided in the schedule of quantities of the work the rates tendered by the contractor shall be all inclusive and shall apply to all heights, lifts, leads and depths of the building and nothing extra shall be payable to him on this account.
 - 1.11.2. The rates for all items of work shall, unless clearly specified otherwise, include cost of all labours, materials and other inputs involved in the execution of the item

irrespective of whether they have been specifically mentioned in the tender document or not.

- 1.11.3. This being an indivisible works contract, GST etc. are not payable separately. The rates tendered shall be firm and inclusive of all taxes, duties, cess and levies as applicable, and all charges for packing, forwarding, insurance, freight and delivery, installation, testing and commissioning at site, watch and ward etc. including temporary constructional storage, risks, over head charges, general liabilities / obligations and clearance from local bodies and State Fire Services, as applicable. Nothing extra shall be paid. However, fees payable to the local bodies / authorities for such clearance etc. shall be borne by the department.
- 1.11.4. In case the same item (s) appear more than once in the schedule of work / BOQ under the same sub head or among the different subhead of works, the lowest rate quoted for that item (s) shall be considered for the particular item (s) wherever appeared in any part of BOQ / Schedule of works for the purpose of tender evaluation although web generated e-price bid may incorporate different quoted rate for same item (s) as per the quoting pattern of the tenderer. The tendered amount thus worked out shall be final & shall be binding on the contractor. (Applicable for item rate tender).

1.12. ACCIDENT:

- 1.12.1. The department (CPWD) shall not have any responsibility or liability in case of any accident injury to the personnel to the contractor at work site or to the general public at the work site due to mishandling equipments by the personnel of the contractor or any other similar reason. The responsibilities and liabilities for such accidents and incidents shall be borne in full by the contractor.

1.13 AFTER SALES SERVICE:

- 1.13.1. The contractor shall ensure adequate and prompt after sales service in the form of maintenance personnel and spares as and when required with a view to minimize the break down period. Particular attention shall be given to ensure that all spares are easily available during the normal life of the installation.

1.14 REMOVAL OF SURPLUS MATERIALS AND TOOLS:

- 1.14.1. After completion of work the agency shall remove his men, materials and debris etc. from site.

1.15 QUALITY OF WORK AND WORKMANSHIP:

- 1.15.1. The contractor shall be entirely responsible and answerable for all the works done by him regarding quality, adherence to the laid down specifications, terms and conditions, warranty/guarantee etc. and he shall be liable to bear any compensation that may be levied by the department under any of the clauses of the agreement.
- 1.15.2. Clause 1.15 of CPWD General Specifications for Electrical Works, Part – IV, Substation 2013 shall be applicable
- 1.15.3. The materials having ISI mark shall have precedence over the one conforming to IS Specifications.
- 1.15.4. The contractor is advised to visit the site before quoting for his tender to apprise himself about the site environments and other conditions. Drawings and inventories can be seen in the office of the Engineer – in – charge.

1.16 SITE ORDER BOOK:

- 1.16.1. The contractor or his authorized representative shall sign the site order book and comply with the remarks entered therein by the representative of the department.

1.17 WATCH AND WARD:

- 1.17.1. The contractor will make his own storage of his own materials. The watch and ward of the materials and of the installations would be responsibility of contractor till the work is completed / handed over to the department. Nothing extra shall be paid to the contractor on this account.
- 1.17.2. Making payment to the contractor in any form against supply of materials / equipment's / components or execution thereof shall not absolve the contractor of his responsibility of watch and ward of the equipment's / materials etc. and their satisfactory functioning until the same is taken over by the department after successful installation, testing, commissioning and running in period.
- 1.17.3. No separate storage space will be provided to the contractor for storage of his materials and equipment's to be brought at site and used in execution. The available open site space may however be used by the contractor for storage purposes in which case he may build up temporary store at available site space at his own cost.

1.18 VARIATION IN QUANTITY:

- 1.18.1. Quantities shown against each item of work or supply are tentative which may vary on either side (plus or minus). This variation shall, in general, be governed by clause no. 12 of the clauses of contract of CPWD form 7 / 8. The contractor should ensure from the Engineer-in-charge and from the site condition the actual quantity required / to be used / to be supplied before bringing the materials at site. In case the actual quantity of material required at the site is less than the stipulated quantity, the contractor cannot claim to supply entire quantity stipulated in the schedule of quantities of work (Schedule – A) as well as cannot demand for payment thereof. The contractor shall therefore, be very careful about the quantity of materials to be supplied / brought at site. The decision of the Engineer-in-charge in this regard shall be final and binding on the part of the contractor. Even if initial payment for supply of materials is made in any form for bringing material at site and if it is found at later stage that the actual requirement is less as per site requirement or as per decision of the Engineer-in-charge, the contractor shall have to take back the additional quantity brought / supplied at site and necessary adjustment shall be made from his next bill on this account. No claim in this regard shall be entertained.

1.19 NATURAL CALAMITY:

- 1.19.1. 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 reason, if any, shall have to be made good by the contractor at his own cost and no claim on this account shall be entertained.

1.20. INSPECTION AND TESTING:

- 1.20.1. The Engineer-in-charge or his authorized representative may inspect any material at manufacturers' works and may witness routine tests as per relevant Indian Standard Specifications or other relevant specifications at manufacturers' works.
- 1.20.2. The contractor shall give in writing advance notice to the Engineer-in-charge and arrange for such inspection / presence for testing at manufacturers work. The TA/DA etc. of the departmental personnel who will be deputed to witness the tests etc. shall be borne by the Department.
- 1.20.3. The Engineer-in-charge or his authorized representatives shall have, at all the reasonable times, access to the contractor's premises or works or other works where manufacturing / fabrication shall be done and shall have the power, at all reasonable times, to inspect and examine the materials and workmanship during its manufacture or fabrication.
- 1.20.4. Inspection of imported materials at foreign works shall however not be carried out by the department. These materials shall be inspected and tested at site. Manufacturers' original test certificates and document of import / shipment should be provided to the department along with the materials without which no payment should be made to the contractor.
- 1.20.5. The contractor shall arrange for all the materials and labour required in connection with inspection of equipment or for any testing to be carried out at his works / manufacturers' works or at site of installation. Notice of such inspection / presence for testing shall be given by the contractor to the Engineer-in-charge at least fifteen days in advance.
- 1.20.6. Notwithstanding approval for such tests / inspection of equipment's / components by the Engineer-in-charge or his authorized representative, the contractor shall be required to perform site tests as desired by the Engineer-in-charge and prove the correctness of ratings and performance of equipment's / components and materials supplied and / or installed by him as per contract specifications and conditions at his own cost.
- 1.20.7. The Engineer-in-charge reserves the right to reject any equipment / machinery / material should it, on tests after installation, be found not to comply with contract specifications or its performance is not satisfactory.
- 1.20.8. Final inspection and testing will be done by the engineer-in-charge or his representative as per details to be indicated by the engineer-in-charge.
- 1.20.9. It shall be the responsibility of the contractor to get the installation inspected and passed by the local authorities concerned, as may be required by the local bye laws. The contractor will extend all help including test facilities to the representatives of the local bodies. In case the contractor fails to make desired facilities available during inspection, the department reserves the right to provide the same at the risk and cost of the contractor. The observation of the local authorities will be promptly attended by the contractor. The installation will be accepted by the department only after receiving clearance from the local bodies / fire authorities. The inspection charges leviable by the local / statutory authorities for the inspection shall however, be borne by the department.

1.21. COMPLETION DRAWING AND MANUAL :

- 1.21.1. In addition to the mode and form of submission of completion drawings and manuals as stipulated in the relevant CPWD Specifications for various sub-heads of E&M works, the contractor shall also submit soft copy of the completion drawings in CD / DVD.

1.22. POWER SUPPLY AND WATER SUPPLY :

- 1.22.1. No Power & Water Supply shall be provided by the department for the purpose of execution of the E&M work, except for testing and commissioning of installations. The contractor shall make his own arrangement in this regard. The power supply for testing and commissioning will be given at one point inside the premises and the contractor shall have to make arrangement for required cabling work and switch gears for extension of the power to the required location for testing. This will be applicable to all sub-heads of E&M works.

1.23 WORKS TO BE DONE BY THE CONTRACTOR :

- 1.23.1. 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 quantity / work or not:
- a. Foundations for equipments / structures / fuel tank / pumps including vibration isolation spring / pads.
 - b. All minor building works necessary for installation of equipments such as making of openings in walls / floors, either of RCC or brick masonry, foundation trench for fuel line and cable, making of opening in walls or in floors and restoring them to their original condition / finish and necessary grouting etc. as required.
 - c. Dismantling of brick wall, if any, for inserting / positioning / placement of equipments, Control panel / Diesel Tanks or for taking ducting / cable tray / pipes and rebuilding / making good the same to its original position / finish.
 - d. Making good all damages caused to the structure during installation and restoring the same to their original finish.
 - e. Supply and installation of all necessary angle / channel / flat iron supports and brackets etc. for installation of the substation equipments, D.G. Sets / Diesel Tanks / Exhaust Piping / Water and fuel piping / Cabling / electric Panels / bus-trunking / pumps / air-conditioning ducts / air-conditioning equipments and their sub assemblies / accessories on floor / wall / Shaft / terrace and at other places, as may be necessary including their installations in position.
 - f. Responsibility to ensure safety of all materials against pilferage and damage till the installation is handed over to the department.
 - g. All scaffolding as may be necessary for installation of Exhaust piping / Cabling / Electric Panels / exhaust pipe / wet riser and sprinkler pipes / ducts and all other

equipments and their sub assemblies / accessories on floor / wall / Shaft / terrace and at other places during erection work and subsequent removal.

- h. Painting of all exposed metal surfaces of equipments and components with appropriate / approved colour as required and as desired by the Engineer – in - charge.
- i. All electrical works including cables / wires, earthing etc as specified in Schedule of work.
- j. Small wiring, inter-connection etc. inclusive of all materials and accessories necessary to comply with the regulations as well as proper and trouble free operation of the equipment.
- k. Closing of the cable entry points in sub-station/electrical panel rooms etc where ever applicable against seepage of water rodents etc.
- l. Approval / clearance of the complete installation shall be obtained by the contractor from CPCB / State Pollution Control Board / Local Bodies / Central Electricity Authority (CEA) / other licensing authorities wherever required. However, application shall be made by the Department and any statutory fee, as applicable, shall be paid by the department directly to the government authorities concerned.

1.26. DATE OF TAKING OVER OF THE INSTALLATION & DATE OF ACCEPTANCE :

- 1.26.1. The date of taking over of the installations under any sub-head of E&M works shall be the date of taking over the complete building (s) after due completion of the entire composite work and after complete test and trial run of all the major equipments under all sub-heads of E&M works to the entire satisfaction of the engineer-in-charge.
- 1.26.2. Subject to the guarantee clause, date of taking over the installation after stipulated period of trouble free operation of all the E&M works shall be the date of acceptance.

1.27. ORDER OF PREFERENCE :

Should there be any difference or discrepancy between the description of items as given in the Schedule of Quantities, technical specifications for individual items of work (including additional and commercial conditions) and IS Codes etc., the following order of preference shall be followed:

- 1. Schedule of quantities
- 2. Additional and Commercial Conditions
- 3. Technical specifications specified in the tender
- 4. General Conditions of Contract for CPWD Works
- 5. Drawings
- 6. CPWD General Specifications
- 7. Relevant IS or any other International code in case IS code is not available.

- 1.28.** Relevant IS or any other International code in case IS code is not available. The responsibility of execution of Specialized E&M works under scope of NIT shall lie with Main composite Contractor only. He is required to furnish the documents/certificates in support of his experience to execute the mentioned specialized E&M works given in Table-1 below after award of work. If the main agency does not have required experience, they must associate Specialized Agency/Agencies to execute the mentioned E&M components of the work having requisite experience as per table-1, However, the composite category contractor shall also be eligible to carry out himself any or all of these works without associating any specialized agency provided

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

or

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

In this connection, it is mentioned that the composite contractor and the associated specialized agencies shall give required affidavit to confirm their association to the Engineer-in-charge. Tender accepting authority may approve change of sub-agency in case it is required during the currency of the contract.

In case building category contractor does not fulfill the prescribed eligibility criteria respectively for these work(s), or, He does not directly procure the equipment of approved make from manufacturer and get it installed from authorized agency/service provider of the manufacturer or specialized agency as per criteria mentioned in NIT, they must associate Specialized Agency/Agencies to undertake the specialized component/components of the work having requisite experience for individual works as mentioned below:

Sl. No.	Sub head of work	Eligibility criteria –The agency should have successfully completed, works as mentioned during last seven years ending previous day of last date of submission of Bid.			Definition of similar work
		One similar works each of value not less than (Rs.)	Two similar works each of value not less than (Rs.)	Three similar work each of value not less than (Rs.)	
Major work (E & M)					
1	IEI works	NOT APPLICABLE , Only CPWD enlisted agency of appropriate class with valid Electrical license issued by competent authority			

Note: -

1. All amounts rounded off to a convenient figure. 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 ending previous day of last date of the month previous to the one in which tenders are invited
2. While considering any similar work executed by applicant firm under joint venture, the experience of the applicant firm in that work shall be restricted to its share/responsibilities as reflected in the Memorandum of Understanding (MoU), signed between the parties, while forming joint venture for that work, attested copy of which shall be submitted.
3. **Completion Certificate (Duly attested) issued by the client department by an Officer of the rank not below the Executive Engineer or equivalent giving the list of major equipment installed are to be furnished along with the application clearly indicating satisfactory completion, date of completion, scope and value of the work.**

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ADDITIONAL CONDITIONS AND SPECIFICATIONS FOR THE WORK OF INTERNAL & EXTERNAL ELECTRICAL INSTALLATIONS:

- 2.1. The wires / cables used for point wiring, circuit wiring, sub-main wiring, power wiring and other wirings shall be done by FRLS grade PVC insulated copper conductor single core cable of 1100 V grade and of makes as specified in the list of accepted makes of materials.
- 2.2. All the wires should be terminated to the switch box / DB / MCB etc. by crimping with suitable size tinned copper lugs, unless the wire is single stranded. For termination to switches soldering is permissible. Nothing extra shall be paid on this account.
- 2.3. Hidden / concealed items and earthing work shall be done in the presence of the Engineer-In-charge of the work or his authorized representative only. The contractor shall give due notice for such work in advance to the department.
- 2.4. **The wireman / electrician engaged shall possess valid electrical workman permit in appropriate category as per rule.**
- 2.5. The drawing showing layout of the main board, allied equipment, if any, shall be got approved by the contractor from the engineer-in-charge before fabrication and execution.
- 2.6. All hardware, fastening material viz nuts, bolts, washer and screws etc. to be used on work shall be of zinc / cadmium plated iron.
- 2.7. The contractor shall have to furnish the insulation test report, earth test report, along with all required detailed of electrical load on the prescribed Performa for the electric connection from the supply company.
- 2.8. The contractor shall submit the completion certificates and completion plan as per clause 1.26 of General specification for Electrical work (Part-I internal)-2013
- 2.9. The chases in wall shall be done by chase cutting machines, for which the contractor shall arrange adequate numbers of chase cutting machines (chase cutters) for cutting chases in wall etc. for laying of conduit within the scope of work nothing extra shall be paid.
- 2.10. The contractor shall be entirely responsible and answerable for all the works done by him regarding quality, adherence to the laid down specifications, terms and conditions, warranty/guarantee etc. and he shall be liable to bear any compensation that may be levied by the department under any of the clauses of the agreement.
- 2.11. The contractor is advised to visit the site before quoting for his tender to apprise himself about the site environments and other conditions. Drawings and inventories can be seen in the office of the Engineer – in – charge.
- 2.12. The contractor will make his own storage of his own materials. The watch and ward of the materials and of the installations would be responsibility of contractor till the work is completed / handed over to the department. Nothing extra shall be paid to the contractor on this account.

- 2.13. The contractor should use only the approved makes of materials in the work specified in the NIT.
- 2.14. The agency will provide lay out drawing prepared by his Engineer with consultation with Engineer-In-Charge or his representative for approval before execute of work.
- 2.15. All multi data meters specified in item shall be suitable to measure voltage, current, PF, Kwh, frequency etc.
- 2.16. The department reserves the right to send such materials to the manufacturers / authorized test laboratory to verify the genuineness and quality of the product.
- 2.17. 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.
- 2.18. Payment terms: On account payments for part work (after stipulated and statutory deductions) as assessed by the Engineer – in-charge for the applicable items in the Contract shall be payable at part rates not exceeding the percentage indicated against the stages of work mentioned below:

a) Items of Split type AC, LED fittings, etc.

S.N	Stage of work	Percentage of Rate
a	On initial inspection of material and delivery at site in good condition on pro-rata basis	65%
b	On completion of installation on pro-rata basis	25%
c.	On completion of testing and commissioning	5%
d	At the time of payment of final bill	5%

b) Items connected with point wiring, circuit wiring, sub-main wiring, power point wiring and light plug wiring

SL	Stage of work	Percentage of Rate
a	On laying of conduits with accessories, switch boxes, etc. on pro-rata basis	40%
b	On drawing of wires including terminations, switches, sockets etc. on pro-rata basis	40%
c.	On completion of item and after testing and commissioning	15%
d	At the time of payment of final bill	5%

c) For other items, the part rates will be decided by the Engineer-In-Charge of the work and shall be binding on the contractor.

3. SPLIT AIR CONDITIONERS

3.1. DESIGN & SPECIFICATIONS

Air conditioners shall be suitable for 240V, 50 Hz single phase AC supply, capable of performing the functions of cooling, dehumidifying, air circulation and filtering. Overall power factor of the unit shall be >0.9 at all operating conditions. Automatic temperature control should be provided for a temperature range of 18°C to 30°C with temperature differential lower than $\pm 1^\circ\text{C}$. Removable and washable filter pads shall be provided for filtration of air passing through the unit. Remote control (Cordless) with LCD Display shall be provided with one On/Off timer, selecting Fan speed (Three speeds) and setting of temperature.

The air conditioners shall be fitted with discharge cooled variable speed rotary compressor unit operating on refrigerant R32 with suitable rated electric motor. It shall be equipped with overload protection. These shall be mounted on vibration isolation mountings for quiet operation. The compressor shall conform to IS: 10617 as amended upto date.

Evaporator and condenser shall be with copper refrigerant tubes and aluminium fins with corrosion protection.

3.2 PIPING, INSULATION AND CABLES

- 3.2.1 Suction line copper pipe of 0.70mm thickness.
- 3.2.2 Liquid line copper pipe of 0.70mm thickness.
- 3.2.3 Expanded polyethylene foam insulation tubing for suction line copper pipe (with GC cloth covering for outdoor installation).
- 3.2.4 Drain pipe (15mm dia. flexible PVC pipe).
- 3.2.5 3 core PVC insulated copper wire 2.5 sq.mm to electrically connect indoor and outdoor units with each other.

3.3 INSTALLATION

The installation shall be done through authorised dealers only. The installation at site shall comprise of the following:

- 3.3.1 Mounting/Fitting indoor & outdoor units at the respective locations.
- 3.3.2 Laying refrigerant piping of standard length and connecting both the units after drilling hole/holes in the wall, if required.
- 3.3.3 Insulating the suction pipe with expanded polyethylene foam tubing.
- 3.3.4 Laying 15mm drain pipe to throw out the condensate water being formed in the indoor unit.
- 3.3.5 Leak testing the entire system.
- 3.3.6 Charging refrigerant gas in the unit after maintaining vacuum.

3.3.7 Suitable electric wiring between indoor and outdoor units is included in the scope of supply.

3.4 SERVICING

Free servicing shall be provided by the manufactures/ authorised agent for 12 months from the date of installation of air conditioner. Firm is also required to send service engineer at least 3 times during the warranty period and also attend all breakdown calls during the warranty period within the prices quoted.

3.5 WARRANTY

Compressor shall have minimum 5 year manufacturer warranty.

4 LUMINAIRES:

- 4.1 A sample of each item of schedule of supply shall be handed over by the bidder in the office of the Engineer – in – charge (Electrical) before procurement of the fittings. These samples shall be returned back afterwards.
- 4.2 The make of luminaries shall be strictly as per the tender conditions. The contractor must submit technical literature & photometric data, LM 79 and LM 80 type test certificates along with write up of the luminaries to be supplied by him.
- 4.3 Copy of type test certificate for all types of luminaries as per BIS, including type test certificate from a Central / State government or public sector laboratory or a laboratory recognized / accredited by the Central / State Government for such tests for the light fittings shall be submitted before acceptance of the fittings.
- 4.4 Contractors should obtain an undertaking from the manufacturer that they have a system of quality control to ensure consistent good quality of the finished product and as such has a scheme of inspection of the light fittings. They should agree for inspection of the light fittings and testing as per relevant IS and other standards in their labs.
- 4.5 GUARANTEE: All the electrical light fittings with all its components (Except LED luminaries) shall be guaranteed for a minimum period of one year or for a period for which the manufacturer gives their normal guarantee whichever is longer from the date of completion / acceptance of the installation. All the LED type of luminaries including all accessories and drivers shall be guaranteed for a minimum period of 5 years or for the normal period of guarantee provided by the manufacturer whichever is longer from the date of completion / acceptance of the installation. The contractor shall remain responsible for replacement / repair of the fittings free of cost if they are found not operating / glowing during maintenance / warrantee period.
- 4.6 It will be the obligatory on the part of the contractor to get all the light fittings and fixtures and their components / accessories inspected by authorized engineer / personnel of the manufacturer of the fittings at site after the materials are received at site and obtain certificate that the materials reached at site are genuine and manufactured by them.
- 4.7 All MCCBs with Ics = 100% Icu shall only be provided except mentioned.

- 4.8 All the MCCBs / RCCBs/ MCBs/ MCB DBs shall be of similar make. MCBs shall be of 10 KA rating. For incomer MCCBs in panel's earth leakage protection shall be provided. The KA rating for MCCB shall be as per the item.
- 4.9 The contractor will have to arrange for insulation and other tests like cable test etc. as per rules in the presence of the representative of Engineer-in-Charge as and when required by him and submit the test report in triplicate before the work can be considered as complete.
- 4.10 The contractor shall be responsible for the safe custody of the electrical installation in the building, including fitting and fixtures till the installations are handed over to the department. He should make his own arrangement for proper watch and ward at his risk and cost. No claim will be entertained on this account.
- 4.11 The work is to be carried out in workman like manner and generally in accordance with the plans. However, the contractor will be bound to carry out the work with minor deviation over the plan supplied if desired by the Engineer-in-Charge of the work.
- 4.12 Stage payment to the contractor for various minor components of work shall be regulated as per CPWD Specifications. For works for which the % payment is not specially mentioned in the specification, the rate of stage payment shall be decided by Engineer-in-Charge.
- 4.13 Any Damage done to the building during the execution of electrical work shall be made good immediately at his own cost to the entire satisfaction of the Engineer-in-Charge.
- 4.14 All PVC insulated copper conductor cables used for the work shall be FRLS type with ISI mark and of make as per approved list.
- 4.15 Wherever makes of LT panels/Feeder pillars are not specifically mentioned in schedule/particular sub work specification, the same shall be fabricated by panel builders with in house facilities for seven or more tank treatment process and powder coating. They also shall have approval from CPRI for panels with rating not less than the bus bar rating of the item.
- 4.16 Drawings of all panels and fabricated equipments shall be submitted to the Engineer-In Charge got approved before fabrication.
- 4.17 The connections, inter-connections, earthing and inter-earthing shall be done by the contractor wherever required to be done for energization of the installation and nothing extra shall be paid on this account.
- 4.18 General arrangement of Feeder Pillar shall be got approved before fabrication work starts. Drawing with details shall be submitted to the Engineer-in-Charge and got approved before fabrication.
- 4.19 Cable route and pole locations shall be marked in drawing / site and got approved by the Engineer-in-charge or his representative before commencement of work.

Clause-18

List of mandatory machinery, tools and plants to be deployed by the contractor at site

1.	Steel/Aluminum Ladder 1.5 m to 8 m.	2 Nos.
2.	Chase cutting machines.	2 Nos.
3.	Electrical wire drawing equipment.	2 Set.
4.	Torque wrench for nut/bolt/screws.	2 Nos.
5.	Conduit die set.	2 Set.
6.	Pipe vice.	1 No.
7.	Bench vice.	1 No.
8.	L.T. Meggar 500/1000 volts.	1 No.
9.	Tong Tester.	1 No.
10.	Multimeter.	1 No.
11.	Hydraulically operated & hand operated crimping machine.	1 No.
12.	Earth tester.	1 No.
13.	Portable Ordinary drilling machine.	2 Nos.
14.	Portable Hammer drilling machine.	2 Nos.
15.	Overhead conduit puller.	1 No.

Assistant Engineer (E)
CCESD-I, CPWD, Coimbatore-18.

LIST OF PREFERRED MAKE OF MATERIALS

Name of Work : Upgradation of infrastructure works at OCR Complex of IB Unit at Coimbatore. SH: Providing manpower for the AMC of the IEI.

Internal Electrical Installations		
S.No.	Name of the Product	Approved Makes
1.	PVC insulated copper conductor FRLS copper ISI Marked	Polycab / KEI / Havells / RR Kable (ISI marked)
2.	MCB, MCB DB, Isolator, Time switch, Contractor, Cable end box ,MCCB etc	LK / Legrand / Schneider / Siemens
3.	PVC conduit	AKG / BEC / Avon plast / Precision (ISI marked)
4.	Piano Switch, Socket, Telephone Socket, T.V. Socket, 5A Plug, 15A Plug, LAN socket,	Anchor/ Havells/Cona
5.	Modular Switch, Socket, Telephone Socket, T.V. Socket, 5A Plug, 15A Plug, LAN socket, G.I. Box etc.	Legrand- Myrius / Northwest-NOWA / Schneider Opale
6.	LED Lights	Philips /Crompton/ Wipro/Havells
7.	Ceiling fans/Exhaust fans	Havells /Orient/Crompton/Atomberg

Note: In case make of any equipment or material is not specified in the NIT the decision of Engineer- In-Charge in this regard will be final.

Where approved make is not given for any item in an E& M component, approved makes of other E & M component shall be referred to for use on work. If the item is not available in any E & M component approval of Engineer-in-charge (E) shall be obtained after providing samples, documents

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SCHEDULE OF WORK

Name of Work :- MOEI & Fans including RMO of Pumpsets, Street lights, Lifts etc at Income Tax Office & Residential Qtrs, Erode for the year 2026-27. **SH:** Replacement of wornout LED fittings and Exhaust fans.

S.No.	Description of Item	Qty	Unit	Rate	Amount	Remarks
1	Supplying, installation, Testing & Commissioning of Panel light 2x2 ft., of following body material and construction as per IS : 10322 with driver as per the requirement with Driver efficiency >85%, Operating voltage AC 140-270 Volt, freq 50/60 hz, Operating temp range -15 deg to 40 deg centigrade, internal surge protection of 2.5 KV with Short & Open circuit protection, THD < 10% , P. F.≥0.95, IP20, CRI >80, UGR (Unified Glare Rating) < 19, Flicker free, (flicker should be below 5 %), life time (LED,Driver & electrical circuitry), of minimum 50000 Burning Hours with, 70% of initial Lumen maintained till life ends as per LM80 extrapolation IES TM-21-11 report, CCT 3000°K / 4000°K / 5700°K /6000°K / 6500°K (As per ANSI Bin), SDCM(Standard Deviation Color Matching) <3, Maximum power consumption should not more than the specified rating and Fixture shall be of relevant BIS standard and trade mark certificate (T.C.). Manufactures Word Mark/ Name Engraved/ Embossing/ Screen printing on housing.					
	complete in all respect i/c connections with 1.5 sq mm FRLS, PVC insulated copper conductor single core cable and earthing etc. as required with Minimum 5 year OEM warranty. System lumen efficacy ≥105 <120 lm/Watt output . LM79 & LM80 Test report from NABL lab for all testing required for LED fixtures as per BIS shall be submitted. Shape size and CCT shall be as approved by Engineer-in-Charge as per requirement. (Thermal management: heat sink of aluminum housing such that LED junction temperature shall not rise above 90°C).					
	Powder coated die cast / Extruded aluminium Body (Thickness ≥ 1.20 mm)					
1.1	36 watt	15	Each	2,508.00	37,620.00	8.6.4

2	Supply Installation Testing and Commissioning of Integrated LED Batten Light fitting with electronic driver and extruded aluminium/CRCA housing with high quality polycarbonate diffuser, 600 mm long, having nominal colour temperature 5700K, system lumen output 600(nominal) and system wattage not more than 10 W, CRI not less than 70 with surge protection not less than 2 KV, including connections with 1.5 sq. mm FRLS, PVC insulated, copper conductor, single core cable and earthing etc., as required	20	Each	591.00	11,820.00	MR
3	Supply, installation, testing and commissioning of 40W decorative Post-top/Gate light LED luminaire, suitable for outdoor application, with IP65 protection, resistant to impact and corrosion, glare-free diffuser and uniform light distribution, complete with LED module, integral LED driver, decorative housing, top cover/finial and all necessary mounting accessories complete in all respects as required and directed by the Engineer-in-Charge.	5	Each	9,908.00	49,540.00	MR
4	Supply and fixing of 9W LED bulb with B-22 base, suitable for 230V AC supply, in the existing light fitting, including removal of existing defective lamp, testing and commissioning, complete as required.	30	Each	173.00	5,190.00	MR
5	Supply and fixing of 9W LED bulb with E-27 Edison screw base, suitable for 230V AC supply, in the existing light fitting, including testing and commissioning, complete as required.	45	Each	173.00	7,785.00	MR
6	Supply and fixing of 12W LED bulb with E-27 Edison screw base, suitable for 230V AC supply, in the existing light fitting, including testing and commissioning, complete as required.	15	Each	297.00	4,455.00	MR
7	Supplying, Installation, testing and commissioning of 150 mm square type plastic body Exhaust fan along with louvers, suitable for operation on 230V, 50 HZ AC supply as required.	20	Each	1,980.00	39,600.00	MR
	Total				1,56,010.00	
	Say				1,56,010.00	

GENERAL ABSTRACT FOR QUOTING RATE (ON PERCENTAGE BASIS)				
Name of work: MOEI & Fans including RMO of Pumpsets, Street lights, Lifts etc at Income Tax Office & Residential Qtrs, Erode for the year 2026-27. SH: Replacement of wornout LED fittings and Exhaust fans.				
Composite Tender - Schedule of Quantities				
	Name of contractor:			
Sl. No.	NAME OF COMPONENT	Estimated cost of each package (Rs)	Percentage above or below or at par ECPT	Total Amount (Rs)
1	2	3	4	5
1	<u>Estimated Cost of Work as per NIT</u>	Rs. 1, 56, 010/-		
	GRAND TOTAL =	Rs. 1, 56, 010/-	0.00%	
	IMPORTANT NOTE:			
	1. The Column No.4 is mandatory to be filled by the bidders. If this column is left as blank, then the bid will become invalid.			
	2. The amount in figure in column No.5 shall appear automatically corresponding to the percentage quoted in Column No.4.			
	3. The bidder needs to quote the percentage either above or below or at par ECPT to cover the rate of all the items under <i>the different packages against Grand Total Only</i> .			
	4. The percentage shall be quoted (written) up to 2 (two) places of decimal only.			
	5. If the percentage selection in column No 4 is " at par", by default the percentage will be considered as " Zero" only.			
	Signature of Contractor		Assistant Engineer (E), CCESD-I, CPWD, Coimbatore-18.	