

**GOVERNMENT OF INDIA
CENTRAL PUBLIC WORKS DEPARTMENT
OFFICE OF THE ASSISTANT ENGINEER (E)
CHENNAI ELECTRICAL SUB DIVISION, CENTRAL P.W.D,
MSME CAMPUS, GUINDY, CHENNAI-600 032.**

NOTICE INVITING e-TENDER

NIT No: 25/AE(E)/EE(E)/CESD-2/CED-II/2026- 27/ CPWD/CHENNAI-40

Name of work :- MOEI and fans including RMO of Substation, operation of DG sets and ,Water Supply Pump set, Street Lights etc. at RPQS, Meenambakkam, Chennai-27 for the financial year 2026-27 SH: Providing Misc. electrical works.

Estimated cost: - **Rs. 4,15,330/-**

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Certified that this e - NIT contains 1 to 30 Pages only.

**Assistant Engineer (E)
CESD, Central P.W.D.,
Guindy, Chennai-600 032.**

**INFORMATION AND INSTRUCTIONS FOR BIDDERS FOR e-TENDERING
FORMING PART OF BID DOCUMENT AND TO BE POSTED ON WEBSITE
(Applicable for inviting open bids)**

The Assistant Engineer (E), CESD-2/II, CPWD, MSME Campus, Guindy, Chennai-32 on behalf of President of India invites **online percentage rate tender from the eligible contractors of CPWD Enlisted in Composite Category in single bid system** for execution of the following **works**:

1	NIT No.	<u>25/AE(E)/EE(E)/CESD-2/CED-II/2026- 27/ CPWD/CHENNAI-40</u>
2	Name of work & Location	MOEI and fans including RMO of Substation, operation of DG sets and, Water Supply Pump set, Street Lights etc. at RPQS, Meenambakkam, Chennai-27 for the financial year 2026-27 SH: Providing Misc. electrical works.
3	Estimated cost put to bid (in Rs.)	Rs. 4,15,330/-
4	Earnest Money (in Rs.)	Rs. 8,307/-
5	Period of Completion	TWO (02) MONTHS
6	Last date and time of online submission of bid, Original EMD, copy of receipt for deposition of Original EMD , should be deposited either in the office of Executive Engineer inviting bids or Division office of any Executive Engineer, CPWD with in the period of bid submission. (Format of receipt of deposition of Original EMD is enclosed herewith for contractor use)	18.09.2026 up to 11.00 AM
7	Time & date of opening of bid.	18.09.2026 11.30 AM

1. The intending bidder must read the terms and conditions of CPWD-6 carefully. He should only submit his bid if he considers himself eligible and he is in possession of all the documents required **as per the list @ Sl.No.11 below**".
2. Information and Instructions for bidders posted on website shall form part of bid document.
3. The bid document consisting of specifications, the schedule of quantities of various types of items to be executed and the set of terms and conditions of the contract to be complied with and other necessary documents can be seen and downloaded from website <https://etender.cpwd.gov.in> or www.cpwd.gov.in or www.eprocure.gov.in. **Free of cost.**
4. Those contractors not registered on the website mentioned above, are required to get registered beforehand. If needed they can be imparted training on online bidding process as per details available on the website.

5. The intending bidder must have valid class-III digital signature to submit the bid.
6. Contractor can upload documents in the form of JPG format and PDF Format.
7. ~~Contractor must ensure to quote rate of each item. The column meant for quoting rate is left blank, and no rate is quoted by the bidder, rate of such item shall be treated as "0" (ZERO).~~
8. The eligibility bid shall be opened first on due date and time as mentioned above. The time and date of opening of the Financial bid of contractors qualifying in the eligibility bid shall be communicated to them at a later date.
9. When bids are invited in two 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.
10. 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.

11.A. List of documents to be scanned and uploaded within the period of bid submission: -

- a) **Proof of Valid CPWD Enlistment** in appropriate classes of **Composite Category**.
- b) **Scanned copies of EMD documents and receipt for deposition of Original EMD**
- c) **GST registration Certificate if already obtained by the bidder. If the bidder has not obtained GST registration as applicable, then he/she shall scan and upload following undertaking along with bid documents.**

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

- d) **Notarized Affidavit of 'Non-black listing' by CPWD/State/Central Department/PSU/Autonomous bodies as per Affidavit-I on Rs 100/- Stamp paper (Not earlier than six months from the date of opening of Notice Inviting Tender) (Refer Page No:- 22).**
- e) **Valid Electrical License for working voltage of 11 KV and above.**
- f) **ERP Training certificate**

B. Documents to be submitted by the successful tender on issue of LOI.

(These documents can be uploaded with the tender also)

- a) **Certificates of Registration with EPFO, ESIC or proof of applying for the same.**
12. The bid submitted shall become invalid if:
 - i) The bidders is found ineligible.

- ii) **The bidders does not deposit original EMD with Division office of any Executive Engineer, CPWD.**
- iii) **The bidders does not upload all the documents (as per Sl.No: 11a to 11g(CPWD Conctrator) (As per Sl.No:- 11a to 11f (NON CPWD Contractor) as stipulated in the bid document**

**GOVERNMENT OF INDIA
CENTRAL PUBLIC WORKS DEPARTMENT**

No. 19(1)/CESD-2/II/AE(E)/2026-27/337

Dated:- 10.09.2026

To:-<https://etender.cpwd.gov.in> (Uploaded Schedule-A & relevant files on-line)

**Assistant Engineer (E)
CESD, Central P.W.D.,
Guindy, Chennai-600 032.**

Copies to:-

1. Notice Board.
2. <https://etender.cpwd.gov.in>

**Assistant Engineer (E)
CESD, Central P.W.D.,
Guindy, Chennai-600 032.**

CPWD-6 FOR e-Tendering

Percentage rate bids are invited on behalf of President of India invites **online percentage rate tender from the eligible contractors of CPWD Enlisted in Composite Category in single bid system** for execution of the following **works**:

Name of work :- As per page No:- 02

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

1.1 The work is estimated to cost **Rs. 4,15,330/-**. This estimate, however, is given merely as a rough guide.

~~1.1.1 The authority competent to approve NIT for the combined cost and belonging to the major discipline will consolidate NITs for calling the bids. He will also nominate Division which will deal with all matters relating to the invitation of bids. For composite bid, besides indicating the combined estimated cost put to bid, should clearly indicate the estimated cost of each component separately. The eligibility of bidders will correspond to the combined estimated cost of different components put to bid.~~

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

Criteria of eligibility for submission of bid documents

~~1.2.1 Conditions for Non CPWD contractors only, if bids are also open to non CPWD contractors. For works estimated cost up to Rs. 15 Crore (the figure of Rs. 15 Crore may be modified as per bidding limit of CPWD class I/ Group A contractors of respective discipline such as Electrical, Horticulture and Furniture etc. as the case may be). Three similar works each of value not less than Rs. or two similar work each of value not less than Rs. or one similar work of value not less than Rs. (all figures rounded to nearest Rs.10 lac) in last 7 years ending last day of the month previous to the one in which the bids are invited.~~

Note :-

~~For works costing above Rs. 3 Crore but up to Rs. 15 Crore, (the figure of Rs. 3 Crore and Rs. 15 Crore may be modified as per bidding limit of CPWD class II/ Group B and CPWD Class I/ Group A contractors respectively of respective discipline such as Electrical, Horticulture and Furniture etc. as the case may be) when bids are open to non CPWD contractors also, then class II contractors of CPWD shall also be eligible if they satisfy the eligibility criteria specified in 1.2.1 above.~~

~~1.2.2 Criteria of eligibility for CPWD as well as non CPWD contractors.~~

~~For works estimated to cost above Rs. 15 Crore. (the figure of Rs. 15 Crore may be modified as per bidding limit of CPWD class I/ Group A contractors of respective discipline such as Electrical, Horticulture and Furniture etc. as the case may be)~~

~~1.2.3 When bids are invited from non CPWD contractors and CPWD class II contractors as per provisions of clause 1.2.1 above, it will be mandatory for non CPWD contractors and CPWD class II contractors to upload the work experience certificate(s) and the affidavit as per the provisions of clause 1.2.2. But for such bids, Class I contractors of~~

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

2. Agreement shall be drawn with the successful bidders on prescribed Form No. CPWD 7/8 (or other Standard Form as mentioned) which is available as a Govt. of India Publication and also available on website **www.cpwd.gov.in**. Bidders shall quote his rates as per various terms and conditions of the said form which will form part of the agreement.
3. The time allowed for carrying out the work will be **TWO (02) MONTHS** from the date of start as defined in schedule 'F' or from the first date of handing over of the site, whichever is later, in accordance with the phasing, if any, indicated in the bid documents.
4. The site for the work is available.
5. The bid document consisting of ~~plans~~, specifications, the schedule of quantities of various types of items to be executed and the set of terms and conditions of the contract to be complied with and other necessary documents except Standard General Conditions of Contract Form can be seen on website <https://etender.cpwd.gov.in> or www.cpwd.gov.in free of cost.
6. After submission of the bid the contractor can re-submit revised bid any number of times but before last time and date of submission of bid as notified.
7. While submitting the revised bid, contractor can revise the rate of one or more item(s) any number of times (he need not re-enter rate of all the items) but before last time and date of submission of bid as notified.

7.A. No running account bill shall be Paid for the work till the applicable Labour license, registration with EPFO, ESIC and BOCW welfare board, whatever applicable are submitted by the contractor To the Engineer-in-charge.

8. Earnest Money in the form of Treasury Challan or Demand Draft or Pay order or Banker's Cheque or Deposit at Call Receipt or Fixed Deposit Receipt (drawn in favour of **Executive Engineer, CCD-IV, CPWD, Chennai** shall be scanned and uploaded to the e-tendering website with in the period of bid submission. **The original EMD should be deposited either in the office of Executive Engineer, EE(E)-CHENNAI-II, Sub Division office of EE(E)-Chennai-II or division office of any Executive Engineer, CPWD signed by EE/AAO with in the period of bid submission.**

The EMD receiving office shall issue a receipt of deposition of earnest money deposit to the bidder in a prescribed format (enclosed) uploaded by tender inviting EE in the NIT. This receipt shall also be uploaded to the e-tendering website by the intending bidder within the specified bid submission date and time.

A part of earnest money is acceptable in the form of bank guarantee also. In such case, 50% of earnest money or Rs. 20 lac, whichever is less, shall have to be deposited in shape prescribed above, and balance may be deposited in shape of Bank Guarantee of any scheduled bank having validity for 3 months or more from the last date of receipt of bids which is to be scanned and uploaded by the intending bidders.

~~The physical EMD of the scanned copy of EMD uploaded shall be deposited by the lowest tenderer before the due date and time stipulated for opening of eligibility bid, failing which the tender shall be rejected forthwith.~~

~~The following undertaking in this regard shall also be uploaded by the intending bidders.~~

~~“ The physical EMD shall be deposited by me/us with the EE calling the tender in case i/we become the lowest tenderer with in a week of the opening of financial bid otherwise department may reject the tender and also take action to withdraw my/our enlistment.~~

~~The intending bidder has to fill all the details such as Banker's name, Demand Draft/Fixed Deposit Receipt /Pay Order/ Banker's Cheque/Bank Guarantee number, amount and date.~~

~~The amount of EMD can be paid by multiple Demand Draft / Pay Order / Banker's Cheque / Deposit at call receipt / Fixed Deposit Receipts along with multiple Bank Guarantee of any Scheduled Bank if EMD is also acceptable in the form of Bank Guarantee.~~

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.

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

The bid submitted shall be opened as per page no 02 forming part of bid document and to be posted on website.

9. The bid submitted shall become invalid if:

- i) The bidders is found ineligible.
- ii) The bidders does not deposit original EMD with Division office of any Executive Engineer, CPWD
- iii) The bidders does not upload all the documents (as per Sl. No:11a to 11e) as stipulated in the bid document.
- iv) If any discrepancy is noticed between the documents as uploaded at the time of submission of bid and hard copies as submitted physically by the lowest tenderer in the office of tender opening authority.

10. **List of documents to be scanned and uploaded with in the period of bid submission: -**

AS IN SL.NO 11A @ PAGE NO: - 03

- 1. The contractor whose bid is accepted will be required to furnish performance guarantee of 5% (Three Percent) of the bid amount within the period specified in Schedule F. This guarantee shall be in the form of cash (in case guarantee amount is less than Rs. 10000/-)

or

Deposit at Call receipt of any scheduled bank/Banker's cheque of any scheduled bank/Demand Draft of any scheduled bank/Pay order of any Scheduled Bank of any scheduled bank (in case guarantee amount is less than Rs. 1,00,000/-)

or

Government Securities or Fixed Deposit Receipts or Guarantee Bonds of any Scheduled Bank or the State Bank of India in accordance with the prescribed form. In case the contractor fails to deposit the said performance guarantee within

the period as indicated in Schedule 'F', including the extended period if any, the Earnest Money deposited by the contractor shall be forfeited automatically without any notice to the contractor. The earnest money deposited along with bid shall be returned after receiving aforesaid performance guarantee.

The contractor whose bid is accepted will also be required to furnish either copy of applicable licenses/registrations or proof of applying for obtaining labour license, registration with EPFO, ESIC and BOCW welfare board and programme chart (time and progress) within the period specified in Schedule-F. The applicable and eligible amount of EPF & ESI shall be reimbursed on submission of documentary proof of payment provided same are in order.

11. Intending Bidders are advised to inspect and examine the site and its surroundings and satisfy themselves before submitting their bids as to the nature of the ground and sub-soil (so far as is practicable), the form and nature of the site, the means of access to the site, the accommodation they may require and in general shall themselves obtain all necessary information as to risks, contingencies and other circumstances which may influence or affect their bid. A bidder shall be deemed to have full knowledge of the site whether he inspects it or not and no extra charge consequent on any misunderstanding or otherwise shall be allowed. The bidders shall be responsible for arranging and maintaining at his own cost all materials, tools & plants, water, electricity access, facilities for workers and all other services required for executing the work unless otherwise specifically provided for in the contract documents. Submission of a bid by a 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.
12. The competent authority on behalf of the President of India does not bind itself to accept the lowest or any other bid and reserves to itself the authority to reject any or all the bids received without the assignment of any reason. All bids in which any of the prescribed condition is not fulfilled or any condition including that of conditional rebate is put forth by the bidders shall be summarily rejected.
13. Canvassing whether directly or indirectly, in connection with bidders is strictly prohibited and the bids submitted by the contractors who resort to canvassing will be liable for rejection.
14. The competent authority on behalf of President of India reserves to himself the right of accepting the whole or any part of the bid and the bidders shall be bound to perform the same at the rate quoted.
15. The contractor shall not be permitted to bid for works in the CPWD Circle (Division in case of contractors of Horticulture/Nursery category) responsible for award and execution of contracts, in which his near relative is posted a Divisional Accountant or as an officer in any capacity between the grades of Superintending Engineer and Junior Engineer (both inclusive). He shall also intimate the names of persons who are working with him in any capacity or are subsequently employed by him and who are near relatives to any 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.
16. No Engineer of Gazetted Rank or other Gazetted Officer employed in Engineering or Administrative duties in an Engineering Department of the Government of India is allowed to work as a contractor for a period of one year after his retirement from

Government service, without the prior permission of the Government of India in writing. This contract is liable to be cancelled if either the contractor or any of his employees is found any time to be such a person who had not obtained the permission of the Government of India as aforesaid before submission of the bid or engagement in the contractor's service.

17. The bid for the works shall remain open for acceptance for a period of sixty (60) days from the date of opening of bids from the date of opening of financial bid (strike out as the case may be) if any bidders withdraws his bid before the said period or issue of letter of acceptance, whichever is earlier, or makes any modifications in the terms and conditions of the bid which are not acceptable to the department, then the Government shall, without prejudice to any other right or remedy, be at liberty to forfeit 50% of the said earnest money as aforesaid. Further the bidders shall not be allowed to participate in the rebidding process of the work.
18. This notice inviting Bid shall form a part of the contract document. The successful bidders/contractor, on acceptance of his bid by the Accepting Authority shall within 15 days from the stipulated date of start of the work, sign the contract consisting of:
 - a) The Notice Inviting Bid, all the documents including additional conditions, specifications and drawings, if any, forming part of the bid as uploaded at the time of invitation of bid and the rates quoted online at the time of submission of bid and acceptance thereof together with any correspondence leading thereto.
 - b) Standard C.P.W.D. Form 7/8 or other Standard C.P.W.D. Form as applicable. For composite Tender-**Not Applicable**

CPWD-7/8

CPWD

**GOVERNMENT OF INDIA
CENTRAL PUBLIC WORKS DEPARTMENT
Percentage Rate Tender & Contract for Works**

Tender for the work of:-

Name of work As per page No:- 02

Estimated cost: - **Rs. 4,15,330/-**

- i)** To be submitted online by the Contractor as per page no 02 forming part of bid document and to be posted on website to the Assistant Engineer (Elect), CESD-2/II, CPWD, Chennai-32.
- ii)** To be opened in presence of tenderers who may be present as per page no 02 forming part of bid document and to be posted on website in the office of the Assistant Engineer (Elect), CESD-2/II, CPWD, Chennai-32.

Issued to

Signature of officer issuing the documents

Designation: **Assistant Engineer (Elect), CESD-2/II, CPWD, Chennai-32.**

Date of Issue **10.09-2026**

TENDER

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

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

We agree to keep the tender open for (30) Thirty days from the date of opening of financial bid ~~in case tenders are invited on 3 envelop system~~ and not to make any modification in its terms and conditions.

A sum of **Rs.8,307/-** is hereby forwarded in cash/receipt treasury challan/deposit at call receipt of a scheduled bank/fixed deposit receipt of scheduled bank/demand draft of a scheduled bank/bank guarantee issued by a scheduled bank as earnest money. 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 earnest money and the performance guarantee

absolutely, otherwise the said earnest money shall be retained by him towards security deposit to execute all the works referred to in the tender documents upon the terms and conditions contained or referred to those in excess of that limit at the rates to be determined in accordance with the provision contained in Clause 12.2 and 12.3 of the tender form. Further, I/We agree that in case of forfeiture of Earnest Money & Performance Guarantee as aforesaid. I/We shall be debarred for participation in the re-tendering process of the work.

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

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

Dated:

Signature of Contractor

Witness:

Postal Address:

Address:

Occupation:

ACCEPTANCE

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

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

(a)

(b)

(c)

For & on behalf of President of India

Signature.....

Dated:

Designation.....

PROFORMA OF SCHEDULES**CPWD****PROFORMA OF SCHEDULES**

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

SCHEDULE 'A'

Schedule of quantities (as per PWD-3) (attached separately)

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
1	2	3	4	5
---	----NIL----	--NIL--	-----	-----

SCHEDULE 'C'

Tools and plants to be hired to the contractor

S.No.	Description	Hire charges per day	Place of issue
1	2	3	4
---	----NIL----	--NIL--	-----

SCHEDULE 'D'

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

COMMERCIAL AND ADDITIONAL CONDITIONS & TECHNICAL SPECIFICATIONS as per NIT

SCHEDULE 'E'

Reference to General Conditions of contract.

Name of work:- As per page No:- 02

Estimated cost of work: **Rs. 4,15,330/-**

- i) Earnest Money: **Rs. 8,307/-**
- ii) Performance Guarantee: **5%** of tendered value
- iii) Security Deposit: **2.5%** of tendered Value

SCHEDULE 'F'

GENERAL RULES & DIRECTIONS: Officer inviting tender: The Assistant Engineer (Elect), CESD-2/II, CPWD, Chennai-32.

Maximum percentage for quantity of items of work to be executed beyond which rates are to be determined in accordance with Clauses 12.2 & 12.3: **See below**

Definitions:

- 2(v) Engineer-in-Charge: The Assistant Engineer (Elect), CESD-2/II, CPWD, Chennai-32.
 2(viii) Accepting Authority: The Assistant Engineer (Elect), CESD-2/II, CPWD, Chennai-32.
 2(x) % on cost of materials and Labour to cover all overheads and profits: **15%**
 2(xi) Standard Schedule of Rates: DSR (Electrical Part-1 – Internal & External) -**2025**
 2(xii) Department : CPWD
 9(ii) Standard CPWD Contract Form GCC 2023 **Maintenance**, CPWD Form 7/8 modified & Corrected up to the previous day of last date of online submission of tender.

Clause 1

- (i) Time allowed for submission of Performance Guarantee, Programme chart (Time and progress) Applicable Labour license, Certificate of Registration EPFO, ESIC, if Proof of application for the same uploaded: **7 days**
 (ii) Maximum allowable extension **with late fee 0.1% Per day of performance guarantee amount the Period provided in (i) above : 5 days**

Clause 2

Authority for fixing compensation under clause 2 : CE (Chennai Region)

Clause 2A

Whether Clause 2A shall be applicable: No

Clause 5

Number of days from the date of issue of letter of acceptance for reckoning date of start : **5 days**

Mile stone(s) as per table given below:

S.No.	Description of Milestone (Physical)	Time allowed in days (from date of start)	Amount to be with-held in case of non-achievement of mile stone
		NIL	

Time allowed for execution of work: **TWO (02) MONTHS**

Authority to decide:

- (i) Extension of time: The Assistant Engineer (Elect), CESD-2/II, CPWD, Chennai-32.
- (ii) Rescheduling of mile stones: The Assistant Engineer (Elect), CESD-2/II, CPWD, Chennai-32.

Clause 6, 6A

Clause applicable – **6A**

Gross work to be done together with net payment/adjustment of advances for material collected, if any, since the last such payment for being eligible to interim payment:

Clause 7A: Whether clause 7A shall be applicable : Yes.

Clause 10A: List of testing equipment to be provided by the contractor at site lab.:
Nil

Clause 10B(ii):

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

Clause 10C:

Component of labour expressed as percent of value of work = **Not applicable**

Clause 10CA: Not Applicable

S.No.	Material covered under this clause	Nearest Materials (other than cement, reinforcement bars and the structural steel) for which All India Wholesale Price Index to be followed	Base Price of all Materials covered under clause 10 CA

* Base price of all the materials covered under clause 10 CA is to be mentioned at the time of approval of NIT.

Clause 10CC: Not Applicable

Clause 11

Specifications to be followed: for execution of work:

- (i) CPWD General Specifications for Electrical works Part I Internal - 2023, as amended upto date.
- (ii) CPWD General Specifications for Electrical works Part II External - 2023, as amended upto date.
- (iii) CPWD General Specifications for Electrical works Part III Lift & Escalators - 2003, as amended upto date.
- (iv) CPWD General Specifications for Electrical works Part IV Sub Station - 2013, as amended upto date.
- (v) CPWD General Specifications for Electrical works Part V Wetriser & Sprinkler Systems - 2020, as amended upto date.

- (vi) CPWD General Specifications for Electrical works Part VI Fire Detection and Alarm System - 2018, as amended upto date.
- (vii) CPWD General Specifications for Electrical works Part VII DG Sets - 2013, as amended upto date.
- (viii) CPWD General Specifications for Electrical works Part VIII Gas Based Fire Extinguishing System - 2013, as amended upto date.

12.2. & 12.3 Deviation Limit beyond which clauses 12.2 & 12.3 shall apply for building work: NO limit

12.5 Deviation Limit beyond which clauses 12.2 & 12.3 shall apply for foundation work: Not applicable

Type of work: MAINTENANCE WORK

Clause 16

Competent Authority for deciding reduced rates : **CE (Chennai Region)**

Clause 18

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

1	Earth Tester
2	Insulation Tester LT / HT
3	Tong Tester
4	Multi Meter
5	Lux Meter
6	Vernier Caliper
7	Wire Gauge
8	Hand Blower/Vacuum Cleaner
9	Drill Machine
10	Chase Cutting Machine
11	Crimping toolkit
12	Self-Supporting ladder – 4ft 3 Nos
13	Ladder – 20 ft 1 No
14	Electrical Wiring drawing machine
15	Cable fault locator Machine
16	One Set of Hydraulic crimping toolkit
17	Earth fault loop impedance tester / Multi Tester
18	Installation Tester (Voltage, Current, Loop impedance, RCD Tripping, Insulation etc

Clause 19C

Rs. 200/- Per day each day of default

Clause 19D

Rs. 200/- Per day each day of default

Contractor Shall submit the report by 4th and 19th of every month

1	Number of Laboure's employed	
2	Working Hours	
3	Wages Paid	
4	Accidents occurred	
5	Number of female workers employed	

Clause 19G

Not Applicable

Clause 19K**Not Applicable****Clause 25(i)****Constitution of Dispute Redressal Committee:**

- (i) For all claims in dispute:**
 - (a) Conciliator: (Special Director General or the Additional Director General concerned with the work, as applicable).
 - (b) Arbitrator Appointing Authority: Chief Engineer (Chennai), CPWD, Chennai or his successor or thereof.
 - (c) Place of Arbitration: Chennai, Tamil Nadu.

Notice for appointment of Arbitrator

To
The Chief Engineer, Chennai.

.....
Subject: Notice for appointment of Arbitrator for adjudication of disputes relating to agreement Number.....

Dear Sir,

In terms of **clause 25 (Arbitration Clause)** of the aforesaid agreement, particulars of which are given below, I/we hereby give you notice to appoint an arbitrator for adjudication of disputes mentioned below:

1. Name of applicant
2. Whether applicant is Individual/Prop. Firm/Partnership Firm/Ltd. Co.
3. Full address of the applicant
4. Name of the work and contract number in which arbitration sought
5. Name of the Division which entered into contract
6. Contract amount
7. Date of contract
8. Stipulated date of start of work
9. Stipulated date of completion of work
10. Actual date of completion of work (if completed)
11. Total number of claims made
12. Total amount claimed
13. Date of intimation of final bill (if work is completed)
14. Date of payment of final bill (if work is completed)
15. Amount of final bill (if work is completed)
16. Date of reference made to SDG/ADG for conciliation, if applicable:
17. Date of termination of conciliation proceedings:
18. I/We hereby give consent for appointment of Arbitrator of MoHUA Waiver agreement as per Appendix -XIX is enclosed

Or

- I/We do not give consent for appointment of Arbitrator of MoHUA.
I/We certify that the information given above is true to the best of my/our knowledge. I/We enclose following documents.
1. Statement of claims with amount of claims.
 2. * Agreement of Waiver of Section 12(5) of the Arbitration and Conciliation Act. 1996 in Appendix-XIX
(Strikeout if not applicable)

Yours faithfully,

(Signature of the applicant)

(only the person/authority who signed the contract should sign here)

Copy to:

1. The Executive Engineer('E)-CHENNAI-II, Central PWD, Thirumangalam, Chennai-40.

APPENDIX-XIX**Agreement towards waiver of Section 12(5) of Arbitration & Conciliation Act 1996**

1. Whereas certain disputes have arisen between M/s
(Claimants) and M/s (Respondents) relating to agreement No.....
2. And whereas the parties are aware that Shri is on the cadre of CPWD, presently on deputation as Arbitrator, Ministry of Housing and Urban Affairs, Government of India.
3. I/We agree for the appointment of Shri as the sole Arbitrator for adjudication of the disputes, and we hereby waive the applicability of Section 12(5) of the Arbitration & Conciliation Act, 1996.

(Signature)**(Only the person/authority who signed the contract should sign here)****Name****Date**

(The name of the Arbitrator, Ministry of Housing and Urban Affairs, Government of India may be enquired form the Engineer-in-charge, if required).

Clause 36 (I) Requirement of Technical Representative (S) and recovery Rate

Sl No	Requirement of Technical Staff- Qualification.	Designation of Technical Staff	Minimum Experience (Years)	Nos. (of Major+Minor component)	Rate at which recovery shall be made from the contractor in the event of not fulfilling provisions of Clause 36(i)	
					Figures	Words
1	Graduate Engineer or Diploma Engineer	Project Manager cum planning/quality /site/billing Engineer	2 or 5 respectively	1 of major comp	Rs 1500 0/- per month per person	Fifteen thousand and only

Clause 42: Not applicable

- (i) (a) Schedule/statement for determining theoretical quantity of cement & bitumen on the basis of Delhi Schedule of Rates printed by C.P.W.D.
- (ii) Variations permissible on theoretical quantities:
- a) Cement
 - For works with estimated cost put to tender not more than Rs. 5 lakh.
3% plus/minus.
 - For works with estimated cost put to tender more than Rs.5 lakh.
2% plus/minus.
 - b) Bitumen All Works 2.5% plus & only & nil on minus side.
 - c) Steel Reinforcement and structural steel sections for each diameter, section and category 2% plus/minus All other materials. Nil

RECOVERY RATES FOR QUANTITIES BEYOND PERMISSIBLE VARIATION
: Not applicable

S.No.	Description of Item	Rates in figures and words at which recovery shall be made from the Contractor	
		Excess beyond permissible variation	Less use beyond permissible variation
1	Cement	/	
2	Steel Reinforcement		
3	Structural Sections		
4	Bitumen issued free		
5	Bitumen issued at stipulated fixed price		

Form of Performance Security (Guarantee)

Bank Guarantee Bond

In consideration of the President of India (hereinafter called "The Government") having offered to accept the terms and conditions of the proposed agreement between **Executive Engineer, CCD-IV, CPWD, Chennai** and(hereinafter called "the said Contractor(s)") for the work..... (hereinafter called "the said agreement") agreed to production of an irrevocable Bank Guarantee for Rs. (Rupees..... only) as a security/guarantee from the contractor(s) for compliance of his obligations in accordance with the terms and conditions in the said agreement.

1. We, (herein after referred to as "the Bank") hereby undertake to pay to the Government an amount not exceeding Rs. Rupees..... Only) on demand by the Government.
2. We,(indicate the name of the Bank) do hereby undertake to pay the amounts due and payable under this guarantee without any demure, merely on a demand from the Government stating that the amount claimed as required to meet the recoveries due or likely to be due from the said contractor(s). Any such demand made on the bank shall be conclusive as regards the amount due and payable by the bank under this Guarantee. However, our liability under this guarantee shall be restricted to an amount not exceeding Rs..... (Rupeesonly)
3. We, the said bank further undertakes to pay the Government any money so demanded notwithstanding any dispute or disputes raised by the contractor(s) in any suit or proceeding pending before any court or Tribunal relating thereto, our liability under this present being absolute and unequivocal. The payment so made by us under this bond shall be a valid discharge of our liability for payment there under and the Contractor(s) shall have no claim against us for making such payment.
4. We, (indicate the name of the Bank) further agree that the guarantee herein contained shall remain in full force and effect during the period that would be taken for the performance of the said agreement and that it shall continue to be enforceable till all the dues of the Government under or by virtue of the said agreement have been fully paid and its claims satisfied or discharged or till Engineer-in- Charge on behalf of the Government certified that the terms and conditions of the said agreement have been fully and properly carried out by the said Contractor(s) and accordingly discharges this guarantee.

5. We, (indicate the name of the Bank) further agree with the Government that the Government shall have the fullest liberty without our consent and without affecting in any manner our obligation hereunder to vary any of the terms and conditions of the said agreement or to extend time of performance by the said Contractor(s) from time to time or to postpone for any time or from time to time any of the powers exercisable by the Government against the said contractor(s) and to forbear or enforce any of the terms and conditions relating to the said agreement and we shall not be relieved from our liability by reason of any such variation, or extension being granted to the said Contractor(s) or for any forbearance, act of omission on the part of the Government or any indulgence by the Government to the said Contractor(s) or by any such matter or thing whatsoever which under the law relating to sureties would, but for this provision, have effect of so relieving us.
6. This guarantee will not be discharged due to the change in the constitution of the Bank or the Contractor(s).
7. We, (indicate the name of the Bank) lastly undertake not to revoke this guarantee except with the previous consent of the Government in writing.
8. This guarantee shall be valid up tounless extended on demand by the Government Notwithstanding anything mentioned above, our liability against this guarantee is restricted to Rs. (Rupees) and unless a claim in writing is lodged with us within six months of the date of expiry or the extended date of expiry of this guarantee all our liabilities under this guarantee shall stand discharged. Dated the.....day offor.....(indicate the name of the Bank)

AFFIDAVIT-I

We undertake and confirm that our firm has not been blacklisted by any State/Central Departments/PSUs/ Autonomous bodies **during the last 7 years** of its operations. Further that, if such an information comes to the notice of the Department, then we shall be debarred for bidding in CPWD in future forever. Also, if such an information comes to the notice of department on any day 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.

**Signature of Notary with Seal
With Stamp and date**

**Signature of Bidder(s) or and
authorized Officer of the Firm.**

Receipt of deposition of Original EMD

Receipt No. Dt.		
1.	Name of Work*	MOEI and fans including RMO of Substation, operation of DG sets and ,Water Supply Pump set, Street Lights etc. at RPQS, Meenambakkam, Chennai-27 for the financial year 2026-27 SH: Providing Misc. electrical works.
2.	NIT No.*	<u>25/AE(E)/EE(E)/CESD-2/CED-II/2026- 27/ CPWD/CHENNAI-40</u>
3.	Estimated Cost*	Rs. 4,15,330/-
4.	Amount of Earnest Money Deposit*	Rs. 8,307/-
5.	Last date of submission of Bid*	Upto 11.00 hrs on 18.09.2026
(* To be filled by NIT approving authority / EE at the time of issue of NIT and uploaded along with NIT)		
1.	Name of Contractor#	
2.	Form of EMD#	
3.	Amount of Earnest Money Deposit#	
4.	Date of Submission of EMD#	
Signature, Name and Designation of EMD receiving Officer (EE/AE(P)/AE/AAO)		

- i) The Authority receiving EMD in original form examines the EMD deposited by the bidder and issues receipt of deposition of earnest money to the agency in a given format uploaded by tender inviting authority. The receipt can also be issued by any subordinate gazetted authority as authorized by the EE/Engineer in Charge/DDH.
- ii) The authority receiving original EMD also intimates tender inviting authority about deposition of EMD by the agency by email/fax/telephonically.
- iii) The original EMD receiving authority releases the EMD to unsuccessful bidders after the expiry of stipulated bid validity period or immediately after acceptance of the successful bidder, whichever is earlier, after verification from the e-tendering portal website (<https://etender.cpwd.gov.in> >tender free view> advance search>awarded tenders) that the particular contractor is not L-1 bidder and work is awarded.
- iv) The tender inviting authority calls for original EMD of the L1 bidder from EMD receiving authority immediately.

Note:- Earnest Money in the form of Treasury Challan or Demand Draft or Pay order or Banker's Cheque or Deposit at Call Receipt or Fixed Deposit Receipt (drawn in favour of Executive Engineer, CCD-IV, CPWD, Chennai.

ADDITIONAL CONDITIONS

Name of work:- MOEI and fans including RMO of Substation, operation of DG sets and ,Water Supply Pump set, Street Lights etc. at RPQS, Meenambakkam, Chennai-27 for the financial year 2026-27 SH: Providing Misc. electrical works.

1. The work shall be carried out in accordance with the CPWD General Specification for electrical works (Part I Internal 2023, Part II external 2023 and Part –IV Sub Station) as amended up to date. The installation shall comply with the requirements of Indian Electricity Rules 1956 as amended up to date and NEC 2011.
2. All repairs and patch work shall be neatly carried out to match with the original finish and to the entire satisfaction of Engineer-in-Charge. Any damage done to the building during the execution of electrical work shall be the responsibility of the electrical contractor and the same will be made good immediately at his own cost to the satisfaction of the Engineer-in-Charge. Any expenditure incurred by the department in this connection shall be recovered from the contractor and decision of the Engineer-in-Charge about recovery shall be final.
3. The contractor has to make his own arrangement for stores and watch & ward and no extra claim for this will be entertained.
4. The contractor has to make his own arrangement at his own cost for all the general and special T&P required on the work.
5. All the debris due to the Electrical works shall be removed from the site by the contractor as soon as the work is completed. Similarly rejected materials should be immediately be cleared from the site by the contractor. Otherwise a recovery @ 50/- per day shall be made.
6. The Cabling and wiring route shall be marked in drawing first and got approved from Engineer-in-Charge.
7. Earthing lugs shall be provided for connecting all earth wires to all switch boxes / boards without any extra cost.
8. GST etc. if any should be included in the rates tendered. Statutory deduction of 1% LWF and Income tax at source shall be made from running bills of the contractor.
9. The copper wire to be used on the work shall be multi-strand and ISI marked.
10. The agency shall obtain prior approval for makes and models of Items to be used from the Engineer-in-charge.
11. Any accident / injury happened to the worker during the course of duty, the sole responsibility lies on the contractor for accident / injury. Any risk cover and compensation if necessary in this regard shall be the responsibility of the contractor and the department is not liable for payment of any compensation, damages etc. in any way.
12. All equipment (Except LED fittings) supplied and installed shall be covered by warranty for 12 months effective from the date of acceptance against defective workmanship and materials. If any equipment is found to be defective due to faulty workmanship, faulty materials, faulty design or inferior quality of materials during the warranty period it shall be repaired and/ or replaced at site free of charge by the successful tenderer at his own cost. The warranty shall cover consequential damages to the equipment supplied and

installed by the tenderer due to poor workmanship or defective materials. All repairs shall be done promptly within a reasonable period.

13. The LT CT and MCCB panel should be designed as per direction of Engineer-in-charge (TANGEDCO / TNEB/CPWD)

14. BLDC Fan shall be guaranteed for a period of minimum 5 year, shall be warrantied as per OEM and necessary Warranty Certificate shall be submitted.

15. All the LED Bulbs / LED fittings shall be guaranteed for a period of 5 years. Necessary Guarantee Certificate from the Original Manufacturer / their authorized stockist / service partner shall be submitted.

16. The LED fittings shall give an output of not less than 80 lumen/watt. CRI should be more than 80.

17. Total Harmonic Distortion **(THD) of all LED fittings except 10 W / 20 W batten shall be less than 10%.** For batten fittings THD shall be maximum 15%. Test certificate from manufacturer / any NABL approved laboratory shall be submitted along with supply of the items.

18. Replaced LED fittings to be marked with month & year of installation for future warranty claims

19. TERMS OF PAYMENTS:

The following percentage of contract rates for the various items included in the contract shall be payable against the stage of work shown herein

S. No.	Stage of Work	Percentage
1	After initial inspection (wherever specified) & delivery at site in good condition on pro-rata basis	65%
2	On completion of installation on pro-rata	15%
3	On commissioning	15%
4	On testing and handing over	5%

20. All dismantled materials shall be accounted properly, carried to the departmental Stores / Stores of the Client in the campus and stacked properly as directed by the JE(E)/AE(E).

21. The work shall be carried out in occupied buildings and with No/minimum hindrance to their normal functioning.

22. The portion of conduit and switch boxes laid on wall shall be recessed on existing plastered wall by neatly cutting chassis (with cutter machine), re-plastering and finishing. Nothing extra on this account is payable.

23. The materials used in the work shall be one of the approved makes mentioned in Annexure-A.

Wherever specialized agencies are required to be associated, the same shall be done immediately on award of work. Failure to do the same will be sufficient reason to terminate the contract/ department to take necessary action to carry out these portion of work at the risk and cost of the original contractor.

ANNEXURE-A
LIST OF APPROVED MAKE OF MATERIALS FOR USE

- a) **Materials shall satisfy the revised preference to make in India order issued vide Order No. P45021/2/2017-PP (BE-II) dated 04.06.2020 of the Ministry of Commerce and Industry, Government of India.**
- b) **Makes of Special Items in respect of this work**

S.No.	Equipment's	Approved Makes
1	PVC insulated copper conductor FRLS copper ISI Marked	Havells /RR Kabel/ L&T / KEI / Polycab
2	Sheet Steel Enclosure / Ind.Socket/MCB/DBs	Legrand/Siemens/Schneider/ABB/GE/Hager/ L&T
3	DB/ELCB/ RCCB & Accessories	Legrand/Siemens/Schneider/ABB/GE/Hager/ L&T
4	UTP Cable	Legrand/Molex/CommScope/Havells
5	OFC Cable	Legrand/Molex/CommScope/Havells
6	XLPE UG Aluminum/Copper LT Cable/Fire alarm Copper Armoured Cable	CCI/Havells/ KEI/ RR Kable/ Polycab
7	Cable glands	Jainsons / Comet / Dowells / Prabath/ Polycab/ Peeco/ Gripwel/ Raychem/ Grandlay.
8	Cable Lugs	Jainsons / Comet / Dowells / Prabath/ Polycab/ Peeco/ Gripwel/ Raychem/ Grand lay/ multi / capital / Schneider Electric
9	DWC Pipe	Gemini / Rex /Duraline
10	PVC Conduit (ISI Marked) (Colour- Ivory /Grey)	Avonplast / AKG / Precision / Modi / Anchor/ Polycab/ Finolex/ BEC / Anchor panasonic
11	GI Pipe	Jindal / TATA/ SAIL
12	Telephone / Cat 6 Cable/Jelly Filled	Legrand / Delton / Havells/Molex/Commscope/Polycab
13	Modular Switches & Sockets, Fan Regulator, RJ-45 Data Socket for CMS applications.	Legrand-Myrius/ Crabtree-Athena / MK- Logic Plus /Honeywell Benz Plus/Schneider (Livia)
14	Modular type Switches/GI Boxes/Sockets T.V/Telephone/LAN socket Outlet etc for Normal application	Legrand-Myrius/ Crabtree-Athena / MK- Logic Plus /Honeywell Benz Plus/Schneider (Livia)

16	BLDC Fans (Ceiling Fans)	ATOMBERG-Efficio/Crompton/Havells/Orient
17	Exhaust Fan/ Wall Fans / Pedestal Fans	Crompton /Orient /Havells /Almonard /Bajaj /Anchor Panasonic
18	All LED Fittings (Indoor / Outdoor Light Fittings)	Crompton/Philips/Wipro/ Havells/Lighting Technology
19	Electrical LT Panel Boards/ Feeder Pillars/ Meter Boards/ Control & Relay Panels.	Manufacturer having in-house 7 tank process, powder coating facility, CNC Machine, and having CPRI approved for relevant bus bar rating. (The decision of the Engineer — in- charge will be final and binding.)
20	Change over Switches, SDFU	L&T / ABB / Schneider/C&S/ Legrand / Havells/ Socomec / Siemens/ Hager/ Anchor.
21	Moulded Case Circuit Breaker/Motor protection circuit breaker Electric	Siemens/ ABB / L & T/C & S /Schneider/ Legrand / G E / Hager/ Havells
22	Phenolic laminated sheet	3 mm thick with ISI mark
23	Ammeter / Voltmeter / Combined Meters	AE / Mecon / Schneider / L&T / HPL/ C&S / Conserve/ Kaycee /Crompton Greaves / Socomec(Diris) .
24	Analogue Panel meters	AE / Mecon / Schneider / L&T / HPL/ C&S / Conserve/ Kaycee.
25	TV Coaxial Cable	Havells / Finolex/Anchor/DELTON/RR KABEL
26	Cable trays (Hot Dip Galvanised.)	RMCON / Profab / Indiana / MBM/ Legrand/ BEC
27	Fire Extinguisher (with ISI mark)	CeaseFire /Safex/ Minimax/ Agni/ Padmini/OMEX
28	MS Conduits (ISI Marked)	AKG/BEC/Gupta/Jindal/TATA/Steel Kraft
29	Connector/Terminal block	Wago/Elemac/Phoenix/ Essen /Connectwel.
30	CAT5/6/6A Cables & Wires.	Legrand/Molex/Commscope/Havells
31	PVC Batten / Angle Holder	Anchor / Salzer / Havells/ Empower/ K555.
32	Multifunction Meter/Load Managers	Schneider / Siemens/ Legrand/ Secure/ Socomec (Diris)
33	Architectural Lighting Poles & Decorative Brackets (Street Light Poles)	K-Lite/Philips/Wipro/Crompton/Havells
34	CT	Kappa/AE/L&T/BCH/SIEMENS/ABB/MECO
35	UPS	Numeric/Emerson/APC
36	UPS Batteries	Amaron/Amaraja/Exide/Panasonic/AMCO

37	Exit Signs	Bosch/L&T/Notifier /Hochiki/Cooper/ Prolite/Autoglow /Microm/Prolite
38	Relays	CROMPTON/L&T/SCHNEIDER/SIEMENS/ABB
39	Split Acs	Daikin/Hitachi/Toshiba/Carrier/Mitsubishi/LG/ Voltas
40	STABILIZERS	EVEREST/V-GUARD/PREMIER
41	Heavy duty Motorised Arrangement for double leaf swing gates	CAME/FAAC/MAGANETIC
42	SMC Box outdoor	Hensel/Sintex/Legrand/L&T
43	MDF Box/Krone Modules	Krone/Legrand/L&T/Havells
44	Net/PoE-Switch /Patch Panel/Patch Cable/Fibre Patch Cable/SFP Module	Cisco/Netgear/Legrand/HP/DLink
45	Mounting/Floor Rack	Netrack/ Comrack/Valrack /Legrand
46	ChangeOver Switches, SDFC	L&T/ABB/Schneider/C&S/Legrand/Havells
47	LIU	Tyco/D Link/Cisco/HP

	Water Supply Pump Sets	
1	Water supply Pump Set/ Sewage pump set	KSB/CG/Kirloskar/Grundfoss/TEXMO/ CRI
2	Submersible/Borewell Pump Set	KSB/CG/Kirloskar/Grundfoss/TEXMO/ CRI
3	GI pipe	Tata/Jindal/SAIL (with ISI marks)
4	UPVC / CPVC/Water line pipes and its accessories	Ashirvad/Supreme/Finolex/Astral
5	Sluice Valve / Check Valve/ NonReturn Valve	Kirloskar/Leader/Zoloto/Audco/Advance
6	Butterfly valve	Kirloskar/Leader/Zoloto/Audco/Advance
7	Submersible Cable	RR Kable/ KEI/ Havells/ Polycab/

Assistant Engineer (Elect)
CESD-2/II, CPWD, Chennai-32

GOVERNMENT OF INDIA**SCHEDULE OF WORK**

Name of Work: MOEI and fans including RMO of Substation, operation of DG sets and, Water Supply Pumpset, Street Lights etc. at RPQS, Meenambakkam, Chennai-27 for the financial year 2026-27 SH: Providing Misc. electrical works.

Sl.No	DESCRIPTION OF ITEM	QTY	Unit	RATE	AMOUNT
1	Supply of XLPE insulated PVC outer sheathed aluminium conductor armoured LT UG cable of 1.1KV grade confirming to IS: 7098 (Part-I) 1988 as amended upto date of following sizes duly ISI marked as required.				
1.1	3 1/2 x 120 Sq.mm	150	Mtr	1144.00	171600.00
2	Supplying and making end termination with brass compression gland and aluminium lugs for following size of PVC insulated and PVC sheathed / XLPE aluminium conductor cable of 1.1 KV grade as required.				
2.1	3½ X 120 sq. mm (45mm)	2	Each	816.5	1633.00
3	Supplying of following size, ISI Marked Cross linked polyethylene (XLPE) insulated and PVC sheathed armoured copper conductor power cable of 1.1kV grade conforming to IS 7098 (Part 1) 1988 as required.				
3.1	6C X 2.5 SQ.MM	150	Mtr	588.00	88200.00
4	Earthing with copper earth plate 600 mm X 600 mm X 3 mm thick including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe of 2.7-metre-long etc. with charcoal/ coke and salt as required.	2	Set	17254.6	34509.20
5	Earthing with G.I. earth plate 600 mm X 600 mm X 6 mm thick including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe of 2.7-Meter-long etc. with charcoal/ coke and salt as required.	2	Set	9603.65	19207.30
6	Providing and fixing 25 mm X 5 mm copper strip in 40 mm dia G.I. pipe from earth electrode including connection with brass nut, bolt, spring, washer excavation and re-filling etc. as required.	10	Mtr	1883.7	18837.00
7	Providing and fixing 25 mm X 5 mm G.I. strip on surface or in recess for connections etc. as required.	10	Mtr	330.05	3300.50
8	Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size in the existing RCC/ HUME/ METAL pipe as required.				
8.1	Upto 35 sq. mm	150	Mtr	54.05	8107.50
8.2	Above 95 sq. mm and upto 185 sq. mm	150	Mtr	111.55	16732.50

9	Providing, laying and fixing following dia G.I. pipe (medium class) in ground complete with G.I. fittings including trenching (75 cm deep) and re-filling etc as required				
9.1	100 mm dia	10	Mtr	2205.7	22057.00
10	Dismantling and shifting of the existing 125KVA DG set in association with OEM from existing location to a new location as per the direction of engineer without damaging the building with good condition including dismantling of exhaust etc as required.	1	Job	31146.00	31146.00
Total					415330.00

Assistant Engineer (E)
CESD, Central P.W.D.,
Guindy, Chennai-600 032.