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Govt. of India
 O/o. Executive Engineer (E)
 DED-71, CPWD, IARI,
 Pusa Campus,
 New Delhi-110012
 Telephone 21520120
 Email- deleee-ded71@cpwd.gov.in

NOTICE INVITING e-TENDER

NIT No: 72 / 2026-27 / DED-71 / 3

Name of work :- MOEI & fans i/c Street light at DMS Colony, Hari Nagar, New Delhi. 2. RMO water pumping sets at DMS Colony, Hari Nagar, New Delhi. (SH: Running Maintenance & Operation, Special repair of Internal & External Electrical & mechanical Installations.)

Estimated cost: - **Rs. 33,91,196/-**

INDEX

S. No.	Description of Item	Page No.
1	Information and Instructions for Contractors for E-Tendering Forming Part of NIT	1-2
2	Receipt of deposition of EMD	3
3	Cpwd-6	4-10
4	Cpwd-7	11-19
5	Terms & Conditions (Annexure-I To Iv)	20-30
6	Schedule Of Quantities	31-34
7	Price Bid	35

Certified that this e - NIT contains 1 to 35 Pages only.

Executive Engineer (E)
 DED-71, CPWD, Pusa,
 New Delhi.

INFORMATION AND INSTRUCTIONS FOR CONTRACTORS FOR e-TENDERING FORMING PART OF BID DOCUMENT

The Executive Engineer (E), Delhi Electrical Division-71, CPWD, Pusa, New Delhi (Ph : 01125846515, email id: ded71.cpwd@gmail.com) on behalf of the President of India invites online percentage rate bids from approved and eligible contractors of CPWD and those of appropriate list of Registered contractor in CPWD in appropriate class of Buildings & Roads category in single bid system for the following work:-

S. No.	NIT No.	Name of work & Location	Estimated cost put to bid	Earnest Money	Stipulated period of completion of work (in months)	Last date of online submission of bid, copy of receipt of deposition of original EMD and other documents as specified in the bid document.	Date & Time of opening of bid
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1	72/2026-27/DED-71/3	MOEI & fans i/c Street light at DMS Colony, Hari Nagar, New Delhi. 2. RMO water pumping sets at DMS Colony, Hari Nagar, New Delhi. (SH: Running Maintenance & Operation, Special repair of Internal & External Electrical & mechanical Installations.)	Rs. 33,91,196/-	Rs.67,824/- (In favour of Executive Engineer (E), Electrical Division-XI, CPWD)	12 Months	31-07-2026 Up to 15:00 Hours	31-07-2026 at 15:30 Hours

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

original EMD to division office of any Executive Engineer (including NIT issuing EE/ AE), CPWD and other documents as specified.

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

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

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

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

1. Insurance Surety Bond, Demand Draft/ Account Payee Banker's Cheque / FDR/ Bank Guarantee of any commercial Bank against EMD.
2. Copy of receipt for deposition of original EMD issued from Division office of any Executive Engineer, CPWD (In Enclosed Performa).
3. Copy of Enlistment Order of the Contractor of the Buildings & Roads category in CPWD/Consent letter submitted to the enlisting authority for conversion of existing category into composite category.
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 under taking along with other 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. Copy of Valid Electrical Contractor License or undertaking that they will either obtain valid electrical license at the time of execution of electrical work or associate contractor having valid electrical license of appropriate class.
6. Copy of Permanent Account No. (PAN).
7. Email & mobile no. of the firm/ agency on the letter head of firm/ agency (For making correspondence)

RECEIPT OF DEPOSITION OF EMD

(Receipt No..... Date.....)

1. **Name of work :** 1.MOEI & fans i/c Street light at DMS Colony, Hari Nagar, New Delhi. 2. RMO water pumping sets at DMS Colony, Hari Nagar, New Delhi. (SH: Running Maintenance & Operation, Special repair of Internal & External Electrical & mechanical Installations.)
2. NIT No : 72/2026-27/DED-71/3
3. Estimated Cost : **Rs. 33,91,196/-**
4. Amount of Earnest Money Deposit : **Rs.67,824/-**
5. Name of Payee : **Executive Engineer (E), Electrical Division-XI, CPWD**
6. Last date and time of submission of bids : **31-07-2026 upto 15:00 Hrs.**

(To be filled by the receiving officer)

1. Name of the Contractor :
2. Form of EMD :
3. Amount of EMD :
4. Date of Submission of EMD :
5. Name & Address of the EMD receiving office :

**Signature, Name & Designation of EMD Receiving officer
(EE/AE(P)/AE/AAO) along with office Stamp**

ANNEXURE- 21
(Refer SOP No 4/8 & 4/9)
CPWD-6 FOR E- TENDERING

1. ~~Item rate/Percentage rate bids are invited on behalf of President of India from approved and eligible contractors of CPWD and those of appropriate list of~~ **Registered contractor in CPWD in appropriate class of Buildings & Roads category** in single bid system ~~and those of appropriate list of M.E.S, BSNL, Railways and State P.W.D. (B&R) or State Govt.'s Department (Strike out as the case may be) dealing with building and roads, if there is no state PWD (B&R) for the work of 1.MOEI & fans i/c Street light at DMS Colony, Hari Nagar, New Delhi. 2. RMO water pumping sets at DMS Colony, Hari Nagar, New Delhi. (SH: Running Maintenance & Operation, Special repair of Internal & External Electrical & mechanical Installations.)~~

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

In case only 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. **33,91,196/-** 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. 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 bidder is eligible to submit the bid provided he has definite proof from the appropriate authority, which shall be to the satisfaction of the competent authority, of having satisfactorily completed similar works of magnitude specified below :-~~

Criteria of eligibility for submission of bid documents

- ~~1-2-1 Conditions for Non-CPWD registered contractors only, if bids are also open to non-CPWD Contractors. For works estimated cost upto tendering limit of class-I Buildings & Roads (erstwhile Composite/ Building/ infrastructure) category Contractor (However, for Horticulture category, it may be modified as per bidding limit of CPWD class-I contractors of Horticulture category). (i) Three similar works each of value not less than Rs..... or two similar works each of value not less than Rs..... or one similar work of value not less than Rs..... (all figures rounded to nearest convenient figure) during the last 7 years ending last day of the month previous to the one in which tenders are invited. (ii) For EPC tender under Mode-I/II only (Applicable for CPWD enlisted contractors of appropriate class also). One completed work costing not less than Rs. executed with the structural system technology as proposed by bidder in the letter of transmittal during the last 7 years ending last day of the month previous to the one in which tenders are invited. This work can be part of eligible work at 1.2.1 (i) above or as a separate work.~~

Note :-

~~For works costing above tendering limit of class II Buildings & Roads (erstwhile Composite/ Building/ infrastructure) category contractors but upto tendering limit of Class-I Buildings & Roads (erstwhile Composite/ Building/ infrastructure) category Contractor (However, for Horticulture category, it may be modified as per bidding limit of CPWD class II and CPWD Class I contractors respectively of Horticulture Category) when bids are open to non CPWD contractors also, then class II contractors of CPWD registered shall also be eligible if they satisfy the eligibility criteria specified in 1.2.1 above.~~

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

~~For works estimated to cost above the tendering limit of class I (Super) Buildings & Roads (erstwhile Composite/ Building/ infrastructure) category Contractor (However for Horticulture category, it may be modified as per bidding limit of CPWD class I contractors of Horticulture Category). (i) Three similar works each of value not less than Rs..... or two similar works each of value not less than Rs..... or one similar work of value not less than Rs..... (all figures rounded to nearest convenient figure) during the last 7 years ending last day of the month previous to the one in which tenders are invited. (ii) For EPC tender under Mode I/II only (Applicable for CPWD enlisted contractors of appropriate class also). One completed work costing not less than Rsexecuted with the structural system technology as proposed by bidder in letter of transmittal during the last 7 years ending last day of the month previous to the one in which tenders are invited. This work can be part of eligible work at 1.2.2 (i) above or as a separate work. The value of executed works shall be brought to current costing level by enhancing the actual value of work at simple rate of 7% per annum, calculated from the date of completion to the last date of submission of bid. This is applicable for 1.2.1 as well as 1.2.2 (Para 1.2.1(i) and Para 1.2.2(i) are not applicable for CPWD enlisted contractors of appropriate class. Para 1.2.1(ii) and Para 1.2.2(ii) are also applicable for CPWD enlisted contractors of appropriate class).~~

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

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

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

2. Agreement shall be drawn with the successful bidders on prescribed Form No. CPWD 7/8 (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 12 Months from the date of start as defined in schedule 'F' or from the first date of handing over of the site, whichever is later, in accordance with the phasing, if any, indicated in the bid documents.
4. The site for the work is available.
OR The site for the work shall be made available in parts as specified below:-
(ii) ~~The architectural and structural drawing for the work is available or~~
5. The architectural and structural drawings shall be made available in phased manner, as per requirement of the same as per approved programme of completion submitted by the contractor after award of work. 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](https://etender.cpwd.gov.in) or www.cpwd.gov.in free of cost.
6. After submission of the bid the contractor can re-submit revised bid any number of times but before last time and date of submission of bid as notified.
7. While submitting the revised bid, contractor can revise the rate of one or more item(s) any number of times (he need not re-enter rate of all the items) but before last time and date of submission of bid as notified.
8. When bids are invited in three stage system and if it is desired to submit revised financial bid then it shall be mandatory to submit revised financial bid. If not submitted then the bid submitted earlier shall become invalid.
9. Earnest Money in the form of Insurance Surety Bonds, Account Payee Demand Draft, Fixed Deposit Receipt, Banker's Cheque or Bank Guarantee (for balance amount as prescribed) from any of the Commercial Banks (drawn in favour of **Executive Engineer (E), ED-XI, CPWD**) shall be scanned and uploaded on the e-Tendering website within the period of bid submission. The original EMD should be deposited either in the office of Executive Engineer inviting bids or division office of any Executive Engineer, CPWD within the period of bid submission. The EMD receiving Executive Engineer (including NIT issuing EE/AE) shall issue a receipt of deposition of earnest money deposit to the bidder in a prescribed format (enclosed) uploaded by tender inviting EE in the NIT.

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

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

Copy of Enlistment Order and certificate of work experience and other documents as specified in the notice inviting e- tender shall be scanned and uploaded on the e-Tendering website within the period of bid submission. However, certified copy of all the scanned and uploaded

documents as specified in e- tender notice shall have to be submitted by the lowest bidder within a week physically in the office of tender opening authority. Online bid documents submitted by intending bidders shall be opened only of those bidders, whose original EMD deposited with any division of CPWD and other documents scanned and uploaded are found in order.

The bid submitted shall be opened at 15:30 Hrs on 31-07-2026.

10. The bid submitted shall become invalid and e-Tender processing fee shall not be refunded if:
 - (i) The bidder is found ineligible.
 - (ii) The bidder does not upload scanned copies of all the documents stipulated in the bid document.
 - (iii) If any discrepancy is noticed between the documents as uploaded at the time of submission of bid and hard copies as submitted physically by the lowest bidder in the office of bid opening authority.
 - (iv) If a tenderer quotes nil rates against each item in item rate tender or does not quote any percentage above/below on the total amount of the tender or any section / sub head in percentage rate tender, the tender shall be treated as invalid and will not be considered as lowest tenderer.
11. The contractor whose bid is accepted will be required to furnish performance guarantee @ **5% of the Estimated Cost put to tender (ECPT) or Contract Amount whichever is higher and additional PG as per DG/Manual/2024/20, Dated:-27/02/2026** as mentioned in schedule E and within the period specified in Schedule F. This guarantee shall be in the form of Insurance Surety Bonds, Account Payee Demand Draft, Fixed Deposit Receipt or Bank Guarantee from any of the Commercial Banks in accordance with the prescribed form.. In case the contractor fails to deposit the said performance guarantee within the period as indicated in Schedule 'F', including the extended period if any, the Earnest Money deposited by the contractor shall be forfeited automatically without any notice to the contractor. The earnest money deposited along with bid shall be returned after receiving the aforesaid performance guarantee. The contractor whose bid is accepted will also be required to furnish either copy of applicable licenses/ registrations or proof of applying for obtaining labour licenses, registration with EPFO, ESIC and BOCW Welfare Board including Provident Fund Code No. If applicable and also ensure the compliance of aforesaid provisions by the subcontractors, if any engaged by the contractor for the said work within the period specified in Schedule F.
12. The description of the work is as follows: 1.MOEI & fans i/c Street light at DMS Colony, Hari Nagar, New Delhi. 2. RMO water pumping sets at DMS Colony, Hari Nagar, New Delhi. (SH: Running Maintenance & Operation, Special repair of Internal & External Electrical & mechanical Installations.)Intending Bidders are advised to inspect and examine the site and its surroundings and satisfy themselves before submitting their bids as to the nature of the ground and sub-soil (so far as is practicable), the form and nature of the site, the means of access to the site, the accommodation they may require and in general shall themselves obtain all necessary information as to risks, contingencies and other circumstances which may influence or affect their bid. A bidders shall be deemed to have full knowledge of the site whether he inspects it or not and no extra charge consequent on any misunderstanding or otherwise shall be allowed. The bidders shall be responsible for arranging and maintaining at his own cost all materials, tools & plants, water, electricity access, facilities for workers and all other services required for executing the work unless otherwise specifically provided for in the contract documents. Submission of a bid by a 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.

13. The competent authority on behalf of the President of India does not bind itself to accept the lowest or any other bid and reserves to itself the authority to reject any or all the bids received without the assignment of any reason. All bids in which any of the prescribed condition is not fulfilled or any condition including that of conditional rebate is put forth by the bidders shall be summarily rejected.
14. Canvassing whether directly or indirectly, in connection with bidders is strictly prohibited and the bids submitted by the contractors who resort to canvassing will be liable for rejection.
15. The competent authority on behalf of President of India reserves to himself the right of accepting the whole or any part of the bid and the bidders shall be bound to perform the same at the rate quoted.
16. The contractor shall not be permitted to bid for works in the CPWD Circle (Division in case of contractors of Horticulture/Nursery category) responsible for award and execution of contracts, in which his near relative is posted a Divisional Accountant or as an officer in any capacity between the grades of Superintending Engineer and Junior Engineer (both inclusive). He shall also intimate the names of persons who are working with him in any capacity or are subsequently employed by him and who are near relatives to any gazetted officer in the Central Public Works Department or in the Ministry of Housing and Urban Affairs. Any breach of this condition by the contractor would render him liable to be removed from the approved list of contractors of this Department.
17. No Engineer of Gazetted Rank or other Gazetted Officer employed in Engineering or Administrative duties in an Engineering Department of the Government of India is allowed to work as a contractor for a period of one year after his retirement from Government service, without the prior permission of the Government of India in writing. This contract is liable to be cancelled if either the contractor or any of his employees is found any time to be such a person who had not obtained the permission of the Government of India as aforesaid before submission of the bid or engagement in the contractor's service.
18. The bids for the work shall remain open for acceptance for a period of 30 (thirty) days from the date of opening of bids in case of single bid system and ~~75 (seventy five) days from the date of opening of technical bids in case bids are invited in 2 or 3 bid system.~~ Further (i) If any tenderer withdraws his tender or makes any modification in the terms & conditions of the tender which is not acceptable to the department within 7 days after last date of submission of bids, then the Government shall without prejudice to any other right or remedy, be at liberty to forfeit 50% of the earnest money absolutely irrespective of letter of acceptance for the work is issued or not. (ii) If any tenderer withdraws his tender or makes any modification in the terms & conditions of the tender which is not acceptable to the department after expiry of 7 days after last date of submission of bids, then the Government shall without prejudice to any other right or remedy, be at liberty to forfeit 100% of the earnest money absolutely irrespective of letter of acceptance for the work is issued or not. (iii) In case of forfeiture of earnest money as prescribed in para (i) and (ii) above, the bidders shall not be allowed to participate in the rebidding process of the same work.
19. This notice inviting Bid shall form a part of the contract document. The successful bidder/contractor, on acceptance of his bid by the Accepting Authority shall within 15 days from the stipulated date of start of the work, sign the contract consisting of:- (a) The Notice Inviting Bid, all the documents including additional conditions, specifications and drawings, if any, forming part of the bid as uploaded at the time of invitation of bid and the rates quoted online at the time of submission of bid and acceptance thereof together with any correspondence leading thereto. (b) Standard C.P.W.D. Form 7/8 or other Standard C.P.W.D. Form as applicable.

20. ~~For Composite Bids~~

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

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

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

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

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

20.1.3 ~~The bidders must associate himself, with agencies as per NIT conditions.~~ 20.1.4 ~~The eligible bidders shall quote rates for all items of major component as well as for all items of minor components of work.~~

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

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

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

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

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

20.1.10 ~~The main contractor has to enter into MoU with agency(s) associated by him. Copy of such MoU shall be submitted to EE/ DDH in charge of each relevant component as well as to EE 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.~~

20.1.11 ~~Running payment for the major component shall be made by EE of major discipline to the main contractor. Running payment for minor components shall be made by the Engineer-in-Charge of the discipline of minor component directly to the main contractor. The CMB shall be maintained independently by Engineer inCharge of major and minor components.~~

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

- ~~20.1.12B. Final bill of whole work shall be finalized and paid by the EE of major component. Engineer(s) in charge of minor component(s) will prepare and pass the final bill for their component of work and pass on the same to the EE of major component for including in the final bill for composite contract.~~
- ~~21. Integrity Pact: The contractor shall download the Integrity Pact, which is a part of tender documents, affix his signature in the presence of a witness, and upload the same while submitting online bids for all works of estimated cost put to tender equal or more than the threshold value given in Schedule-F. In the event of his failure to sign and upload the Integrity Pact along with other bid documents, his bid shall be rejected.~~
22. The intending bidders are required to update their profile in CPWD e- tender portal and to upload their bids well in advance of last date of submission of tender. Any issue related to updating profile/uploading tender can be resolved through the concerned Executive Engineer/ Assistant Engineer(Phone no *01125846515, e- mail Id *ded71.cpwd@gmail.com) or ERP helpline no. 18001803286 or e-mail Id cpwd.support@techmahindra.com. The e- tendering bidders are also advised not to wait to raise any issues till the last date of submission of bid in their own interest. *To be filled in by NIT approving authority.

CPWD-7	CPWD
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**GOVERNMENT OF INDIA
CENTRAL PUBLIC WORKS DEPARTMENT**

**STATE : DELHI
BRANCH: E&M**

**DIVISION :DED-71
CIRCLE : DC-7**

Percentage Rate Tender & Contract for Work

Tender for the work of :- MOEI & fans i/c Street light at DMS Colony, Hari Nagar, New Delhi. 2. RMO water pumping sets at DMS Colony, Hari Nagar, New Delhi. (SH: Running Maintenance & Operation, Special repair of Internal & External Electrical & mechanical Installations.)

- (i) To be uploaded at [www. https://etender.cpwd.gov.in](https://etender.cpwd.gov.in) by 15:00 Hrs. on 31-07-2026
- (ii) To be opened in presence of tenderers who may be present at 15:30 Hrs on 31-07-2026 in the office of The Executive Engineer (E),DED-71, CPWD, IARI Pusa, New Delhi.

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 2023 (Maintenance Works) with amendments up to the last date of submission of tenders, 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 respects with the specifications, designs, drawings 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 respects in accordance with, such conditions so far as applicable.

We agree to keep the tender open for thirty **(30)** days from the due date of opening of bid and not to make any modifications in its term & conditions.

A sum of Rs. 67,824/- is hereby forwarded in cash/receipt treasury challan/deposit at call receipt of a scheduled bank/fixed deposit receipt of scheduled bank/demand draft of a scheduled bank/bank guarantee issued by a scheduled bank as earnest money.

A copy of earnest money in 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 is scanned and uploaded (strike out as the case may be). If I/We, fail to furnish the prescribed performance guarantee within prescribed period, I/We agree that the said President of India or his successors, in office shall without prejudice to any other right or remedy, be at liberty to forfeit the said earnest money absolutely. Further, if I/We fail to commence work as specified, I/ We agree that President of India or the successors in office shall without prejudice to any other right or remedy available in law, be at liberty to forfeit

the said performance guarantee absolutely. The said Performance Guarantee shall be a guarantee to execute all the works referred to in the tender documents upon the terms and conditions contained or referred to those in excess of that limit at the rates to be determined in accordance with the provision contained in Clause 12.2 and 12.3 of the tender form.

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

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

Witness: #

Address: #

Occupation:#

Signature of Contractor #

Postal Address #

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 an 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**SCHEDULE 'A'**

Schedule of quantities

Attached**SCHEDULE 'D'**

Extra schedule for specific requirements /document for the work, if any - As per sheets Attached.

SCHEDULE 'E'

Reference to General Conditions of contract:- General Conditions of Contract 2023 (Maintenance works) for CPWD as amended/modified upto last date of submission of bid

Name of Work	1.MOEI & fans i/c Street light at DMS Colony, Hari Nagar, New Delhi. 2. RMO water pumping sets at DMS Colony, Hari Nagar, New Delhi. (SH: Running Maintenance & Operation, Special repair of Internal & External Electrical & mechanical Installations.)
Estimated cost of work	Rs. 33,91,196/-
i) Earnest Money (To be returned after receiving Performance Guarantee)	Rs. 67,824/-
ii) Performance Guarantee	5% of the Estimated Cost put to tender (ECPT) or Contract Amount whichever is higher and additional PG as per DG/Manual/2024/20, Dated:-27/02/2026
iii) Security Deposit	2.5% of tendered value

SCHEDULE 'F'

(GENERAL RULES & DIRECTIONS) : Officer inviting tender: EE(E), DED-71, CPWD, Pusa, New Delhi.

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

Definitions:

2(v)	Engineer-in-Charge	EE(E), DED-71 CPWD, Pusa, New Delhi
2(viii)	Accepting Authority	EE(E), DED-71 CPWD, Pusa, New Delhi
2(x)	Percentage on cost of materials and Labour coverall to overheads and profits	15%

2(xi)	Standard Schedule of Rates	DSR E&M 2025 with amendments and up to date corrections, Market rate, Minimum wages as per Govt. of Delhi or Central Government.
2(xii)	Department	Central Public works Department (CPWD)
9(ii)	Standard CPWD Contract Form GCC 2023, CPWD Form 7/8 as modified & corrected upto	GCC 2023 (Maintenance Work) for CPWD works as amended/ modified up to submission of the tender.

Clause 1

(iv)	Time allowed for submission of Performance Guarantee, programme chart (Time and progress) and applicable labour license, registration with EPFO, ESIC and BOCW welfare board or proof of applying thereof from the date of issue of letter of acceptance	7 Days
(v)	Maximum allowable extension with late fee @ 0.1% per day of Performance Guarantee amount beyond the period provided in (i) above.....	3 Days

Clause 2

(i)	Authority for fixing compensation under clause 2	SE,DC-VII, CPWD,IARI Pusa, New Delhi.
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Clause 2A

(i)	Whether clause 2A shall be applicable	No
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Clause 5

(i)	Number of days from the date of issue of letter of acceptance for reckoning date of start Mile stone(s) as per table given below :-	10 Days
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Sl. No.	Description of Mile Stone (Physical)	Time Allowed in days (From date of Start)	Amount to be with-held in case of non achievement of milestone
Nil			

Time allowed for execution of work:

12 Months

Authority to decide:

(i)	Authority to convey the decision of shifting of milestone and extension of time (Engineer-In-charge or Engineer-In-charge of Major component in case of composite contracts, as the case may be)	EE(E), DED-71, CPWD, Pusa, New Delhi.
(ii)	Authority to decide rescheduling of milestone and extension of time (SE/SE&PD/CE/CE&ED)	SE,DC-VII, CPWD, IARI Pusa, New Delhi.
(iii)	Shifting of date of start in case of delay in handing over of site (SE/SE&PD/CE/CE&ED)	SE,DC-VII, CPWD, IARI Pusa, New Delhi.

Proforma of Schedule Clause 5 Schedule of handing over of site.

Part	Portion of site	Description	Time period for handing over reckoned from date of issue of letter of intent.
Part A	Portion without any hindrance	100% site available	Not Applicable
Part B	Portion with encumbrances	100% site available	Not Applicable
Part C	Portion dependent on work of other agencies	100% site available	Not Applicable

Clause 6

(Whether Clause 6 shall be applicable Electronic Measurement Book (EMB) through CPWD ERP portal – **Yes**, CPWD OFFICE MEMORANDEM NO. DG/CON-Maintenance- 2020/338, dated 13/04/2023

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. 6 Lacs or decided by Engineer-In-charge
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Clause 7A

Whether clause 7A shall be applicable.

Yes

Clause10A

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

Clause10C :

Applicable

(i)	Component of labour expressed as percent of value of work	65 %
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Clause10CC:

Not Applicable

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

Component of civil (Except materials covered under Clause 10 CA) / Electrical construction value of work :-

Xm.....%

Component of Labour-

Expressed as percent of total value of work.

Y.....%

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

Clause 11

Specifications to be followed for execution of work

1. Electrical works:	a)	CPWD General Specifications for Electrical work Part I Internal - 2023, amended up to date.
	b)	CPWD General Specifications for Electrical work Part II External -2023 amended up to date.
	c)	CPWD General Specifications for Heating, Ventilation & Air-Conditioning (HVAC) - 2024, as amended up to date.
	d)	CPWD General Specifications for Electrical Works Part VII D.G. Sets / Part IV Substation – 2013, amended up to date.
	e)	General Specifications for Electrical Works (Part-III-LIFTS & Escalators) - 2003, amended up to date.
	f)	CPWD General Specifications for Electrical Works Part VI Fire Detection and Alarm System – 2018
	g)	CPWD General Specifications for Electrical Works Part V Wet Riser & Sprinkler Systems – 2023

Clause 12

Type of work:	Maintenance works including works of up-gradation, aesthetic improvement, special repair, addition/alteration etc.
(i) As per modification in condition of contract in clause -12 maintenance works (vide no. DG/CON/Maintenance/2023/03 dated 18/12/2023. The completion cost shall in no case exceed 1.5 times the contract amount. Deviation upto 1.25 times of contract amount shall be approved by Engineer-in-charge with recorded reasons. (ii) Deviation beyond 1.25 times upto 1.50 times of contract amount shall be approved by SE/CE (as applicable) with recorded reasons (as per vide no. DG/SOP-2022/24 dated 18.12.2023). iii) The completion cost shall, in no case, exceed 1.5 times the contract amount. Contractor will devise a system to keep a watch on quantum of work taken up vis-a-vis balance items required to complete defined scope of work and will give the alerts to Engineer-in-Charge before taking up extra item(s), deviation(s) so -that completion cost does not exceed above limit. Work executed beyond above limit will neither be recorded nor be paid. Engineer-in-Charge will verify and confirm the alerts before assigning deviation(s) and / or extra item(s) to the contractor. If additional work(s) is required to complete defined scope of work beyond above limit then Engineer-in Charge may take up such work(s) separately. The contractor will not have any claim(s) whatsoever on this account.	
Clause 12.2 & 12.3	No - Limit AS per DG/CON/Maintenance/2023/03 dated 18/12/2023.

Clause 16:

Competent Authority for deciding reduce rates

SE, DC-VII, CPWD, New Delhi.

Clause 18:

List of mandatory machinery, tools & plants to be deployed by the contractor at site.	As per direction of Engineer-In-charge
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Clause 19C: Authority to decide penalty for each default :

Engineer-in-charge

Clause 19D: Authority to decide penalty for each default :

Engineer-in-charge

Clause 19G: Authority to decide penalty for each default :

Engineer-in-charge

Clause 19K: Authority to decide penalty for each default :

Engineer-in-charge

Clause 25

Constitution of Dispute Redressal Committee (DRC)	
(a) Conciliator: -	ADG(RD), CPWD, New Delhi
(b) Arbitrator :-Appointing Authority	SE, Delhi Circle-7, CPWD, New Delhi
(c) Place of Arbitration: -	New Delhi

Clause 32**Requirement of Technical Representative(s) and recovery Rate:**

Cost of work(Rs. In Crores)	Requirement of Technical		Minimum Experience(Years)	Designation Technical Staff	Rate at which recovery shall be made from the contractor in the event of not fulfilling
	Qualification	Number (of Major + Minor component)			
More than 15 lac to 1.5 Crore	Graduate Engineer or Diploma Engineer	1 of major Component	2 or 5 respectively	Project Manager cum Planning/quality/site/billing Engineer	Rs. 15,000/- per month per person

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

Diploma holder Engineer with minimum 10 year relevant experience with a reputed construction co. can be treated at par with Graduate Engineers for the purpose of such deployment subject to the condition that such diploma holder Engineers 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..... Printed by CPWD.
- (ii) (ii) Variations permissible on theoretical quantities :
- (a) Cement
- For works with estimated cost put To tender not more than Rs.25 lakh. 3% plus/ minus
- For works with estimated cost put to Tender more than Rs. 25 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
- (d) All other materials. Nil

ANNEXURE-ITERMS & CONDITIONS**GENERAL TERMS & CONDITIONS (FOR ALL SUB HEADS)**

1. Work shall be carried out as per CPWD specification wherever applicable. Safety procedure as indicated in CPWD specification of Electrical work, D.G. Set, Fire Fighting, Fire Alaram , Sub-Station work , Lift etc. as amended upto date should be followed.
2. The rates quoted shall be inclusive of wages of Operator / Wireman/ Khallasi i/c relievers, cleaning material and all taxes and duties etc. as applicable. However ESI/ EPF will be reimbursed to the contractor, on production of proof of deposit of the same with respected Govt. department.
3. The contractor shall take all precautions for safety of the workmen. If any accident/ mis-happening occur the department shall not be responsible for the same. If any compensation is to be paid to the victim, the firm shall pay the same and no claim in this account shall be entertained by the department.
4. All the cleaning material i.e. soap, duster etc shall be arranged by the contractor at his own cost for cleaning of Electrical Installation & fans, switch gear, DB, Main control panel, D.G Set/ Sub Station ,Fire Alaram. Fire Fighting, HVAC equipment etc. If cleaning of installation is not found satisfactory at any time, a recovery of Rs.200/- per occasion noticed per Sub Head shall be made from the bill of contractor.
5. In case the department staff is posted or due to some other reasons, the department reserve the right to terminate/foreclosure of the contract in full or part thereof at any stage without assigning any reason.
6. The contractor shall furnish name & contract number of the persons, who should be contacted during emergency.
7. All T&P and special T&P shall be arranged by contractor & nothing extra shall be paid on account of this.
8. **Aadhar based biometric attendance system setup with Wi-Fi/Hotspot (Communication internet) along with standby arrangement at his own cost (for which nothing extra shall be paid) for the attendance of Manpower to be deployed. In case of any breakdown same shall be restored within 48 hours, else agency shall bear the penalty of @ 10% of the applicable wages for the number of days of breakdown in Aadhar based Biometric system subject to maximum 10% of manpower item.** During breakdown period of biometric machine concerned AE/JE -in charge shall mark / verify manual attendance of the contractual staff deployed at site by the contractor. However, during Covid period/any other circumstances if Govt. guideline restricted Aadhar based Biometric Attendance in that case JE / AE in-charge of work shall mark / verify manual attendance of the contractual staff deployed at site by the contractor. Any urgency In Round the clock shift

duty, staff of current shift will relive only when staff of next shift join duty. All engaged manpower should join duty on time failing which a penalty charge @ Rs 50 for delay of every 30 minute or part thereof, after initial delay of 10 min will be imposed for every late attendance. Maximum permissible delay is 70 minutes (or as decided by Engineer-in-Charge) after which it will be treated absent. For early departure from scheduled off time, penalty charge will be imposed @ Rs 50 for every 30 minute or part thereof.

9. The contractor shall prepare a Sub Head wise "Fortnightly / Monthly "duty chart/ duty roaster with name and duty hours stated therein. The same shall be submitted to the JE (E) / AE (E) concern at least seven days in advance.
10. In case of any damage to existing equipment/ system/ panels etc during maintenance, the same will have to be made good by the contractor at his cost. Failure to which the same shall be made good by the department at risk and cost of the contractor and suitable recovery will be made from the contractor bill as decided by the Engineer-In-charge.
11. Before the start of contract, the contractor is bound to submit the following details along with supporting papers of the workers proposed Sub Head wise to be engaged by him. After receipt of confirmation of their suitability from the Engineer-In-charge or his authorized representative, they shall be deployed on duty.
 - (a) Name & Postal Address with ID Proof
 - (b) Photograph with specimen signature
 - (c) Qualification and experience
 - (d) Bank accounts details
 - (e) ESIC/ EPF Details if applicable

Before start of work the agency has to get approved the detail of workers from Engineer-In-charge & has to take over the site from J.E. in charge of site.

12. The agreement shall be terminated/ foreclosed after award of maintenance work as per decision of the Engineer-In-charge & no claim of the agency on account of this shall be entertained .
13. The contractor / Firm is advised to visit the site of work before quoting the rates, in order to ascertain the quantum,site condition and location of work.
14. It shall be entirely the responsibility of the contractor to ensure that no unlawful act is done by his staffs while on duty. In case any theft/ loss of departmental property takes place due to the negligence or carelessness of his staffs, the contractor will be held responsible and shall make good the same. The aforesaid terms and conditions shall be read in conjunction with the general rules and directions from the guidance of Contract form PWD -7 & GCC.
15. **Terms of payment and other facilities for workers.**
 - 15.1. The contractor is bound to distribute the salary / wages to his worker by 10th of every successive month, positively, by ECS or RTGS or any online bank transaction as feasible and contractor is bound to submit the proof of wages 15th of every month to the JE(E)/AE(E) & if the payment is not made by 10th of every successive month to his workers, **then a recovery @ Rs. 200/- per worker per day of delay shall be done** from the bill of the contractor and the decision of Engineer-In-charge regarding this, shall be final & binding on the contractor.
However department will make payment to the agency/contractor subject to availability of fund/ Budget and fulfillment of terms & conditions of the agreement. The contractor shall

pay salary / wages to his staffs every month in time inspite of whether he will get payment from the department or not.

- 15.2 The contractor has to provide Vehicle / Cycle or other suitable means of travelling to worker for quick movement to various sites.
- 15.3 The contractor shall be registered with ESIC, EPF and GST. The contractor shall deduct worker subscription toward Provident Fund as ESI, as per rules, he shall deposit the same along with his contribution into the respective accounts of the worker and submit the detail to this office for verification before payment of R/A or Final Bill.
- 15.4 The contractor shall take all precaution of safety of the workmen. If any accident / mis-happening occur, the department shall not be responsible for the same. Consequently any compensation payable shall be at the contractor's cost.
- 15.5 Recovery shall be made at the following rate if E&M Operator /Wireman / Khallasi etc found absent from his duty.
 - (a) Operator/Wireman/ @ 2318/- per worker per shift.
 - (b) Khallasi @ Rs. 1902/- per worker per shift.

16. Terms of payment for the contractor

- 16.1 The healthiness of the complete system/installations shall be evaluated on the method details in additional terms & condition of individual Sub Head.
- 16.2 Production of Bill in triplicate.
- 16.3 Contractor shall provide one number mobile phone and same is displayed and inform to client department. Contractor shall not change the mobile no during the agreement stipulated period. If mobile is found switch off for more than 4 hours, recovery shall be made @ 100/- per day per mobile no.
- 17. Any other minor addition / alternation in the existing installation shall be covered in the scope of the work and operation & maintenance of the same shall be included in scope of this agreement. Nothing extra will be paid on this account.
- 18. ESIC & EPF shall be reimbursed on actual basis on production of authentic documentary evidence.
- 19. The contractor shall provide the major T&P in any one of the sub head for carrying out day to day maintenance work.
- 20. The contractor shall takeover all E&M inventories from the JE(E)/AE(E) or from the client department before starting of the work and also handover above inventories in good conditions after the completion of work to JE/AE or next agencies.
- 21. The contractor shall make his own arrangement of tools for maintenance of Sub Station/ Electrical Installations equipments & following T&P shall always be available at the site of work by the contractor:-
 - (a) Tong tester, Test lamp
 - (b) Gloves – 4 Sets.
 - (c) First Aid Box
 - (d) Crimping Tool Kit\
 - (e) Megar (5 KV HT and 500 volt LT)
 - (f) Spanner Set.
 - (g) Screw Driver set
 - (h) LN Keys set
 - (i) Earth Tester
 - (j) Blower
 - (k) Hammer, Drill Machine & Spade

- (l) Different size of aluminum ladder for maintaining the campus street light of different height and fans & fittings.
- (m) Every wireman/ operator should have pliers, screw driver of different size, tester & test lamp for day to day maintenance work.

Before start of contract these T&P materials must be kept in a lockable box/space, if same is not available at site, a recovery for the same @ Rs. 200/- per day shall be deduct from the contractor bill maximum upto Rs.3000/- per month.

- 22. Inventory of installations/equipments , physically available at site, shall be handed over by the JE (E) to the contractor. On completion of work the above inventory of installations/ equipments including additional installation/ equipments (if any) shall be handed over back to JE (E) of the department in good conditions.
- 23. Shift timings can be changed as per the requirement at site and decision of the Engineer-in-Charge.
- 24. No Contractor or his staff shall be allowed to use or shall be stay in service centre, pump house, switch room, D G set room and as such other place at site after duty hours.
- 25. All the installation/equipments shall be maintained by the firm in neat and clean condition within their quoted rates.
- 26. Any damage done to the existing equipment / system / panels by the staffs during maintenance shall be made good by the contractor free of cost failing which the same shall be made good by the department at risk & cost of the contractor.
- 27. In case of minor repairs/replace required such as gland dori, nut bolt, fuse wire, inter connecting wire , thimbles etc. the contractor shall arrange the same within quoted rate. Major repairing not covered in the scope of work.
- 28. Conformity with statutory acts, rules, standards and codes All electrical works shall be carried out in accordance with the provisions of Indian Electricity Act, 2003 and Indian Electricity Rules, 1956 as amended up to date. They shall also conform to CPWD General Specification for Electrical Works, part-I (internal, 2023 and Part-II (External), 2023 and Part-IV (Sub Station)2013, Part-V (Wet Riser and Sprinkler System for fire fighting installations)-2006 Part-VI (Fire Alarm System) Part-III (lift) , as amended up to date where ever applicable.
- 29. Safety codes and Labour Regulations:- (a) In respect of all labour employed directly or indirectly on the work for the performance of the contractor's part of work, the contractor at his own expense, will arrange for safety provision as per the statutory provisions, B.I.S. recommendations, factory act, workman's compensation act, CPWD code and instruction issued from time to time. Failure to provide such safety requirement would make the tenderer liable for penalty for Rs. 200/- for each violation. In addition the Engineer-in-charge, shall be at liberty to make arrangements and provide facilities as aforesaid and recover the cost from the contractor. (b) The contractor shall provide necessary barriers, warning signals and other safety measures while executing the work or wherever necessary so as to avoid accidents. He shall also indemnify CPWD against claims for compensation arising out of negligence in this respect. Contractor shall be liable, in accordance with the Indian law and Regulations for any accidents occurring due to any cause. The department shall not be responsible for any accidents occurred or damaged incurred or claims arising there from during the execution of work. The contractor shall also provide all insurance including third party insurance as may be necessary to cover the risk. No extra payment would be made to the contractor due to the above provisions thereof.

30. In case of electric supply failure the contractor or his worker available on duty shall record in brief action taken in this regard with electric supply agency.
31. The contractor shall submit duty roaster in duplicate within once week from the date of start of work and thereafter two days before the close of every month if staff is changed.
32. The Inventory in the schedule is for just to have an idea of quantum of work. However this may differ from time to time contractor has to make sure that all the equipments related to these services are to be maintained in perfect condition
33. The firm shall abide minimum wages Act. As notified by the Govt. of NCT Delhi / Central Government whichever is higher and the payment to staff shall be made through cheque/ECS. The payment to the contractor will be released only after giving proof to the department for the same.
34. The agreement shall be terminated after award of main maintenance work as per decision of the Engineer-In-charge & no claim of the agency on account of this shall be entertained .
35. The contractor shall supply materials against Sub Had-IV to the department quarterly basis and quantities of material shall be as per the requirement at site as decided by the Engineer-In-charge. Also if required total quantities of materials shall be supplied during starting of the work. The Final quantites of material may be varied from the quantities of the agreement as per site requirement. Nothing extra shall be paid on this account. If contractor fails to supply all the materials of quantities as decided by Engineer In-charge within One month of actual start of the work **then a recovery @ Rs. 1000/- per day of delay shall be done** from the bill of the contractor and the decision of Engineer-In-charge regarding this, shall be final & binding on the contractor.
36. **Preventive maintenance works to be done**
 - A **Daily routine checks:-**
 1. The voltage of supply, total load current and pf should be noted in log book every day, preferably during peak loading time of the day. (in the case of isolated/unattended buildings where it is not feasible to log daily, the period may be increased to weekly or fortnightly as feasible).
 2. If any instrument is not provided, provide the same now. If any of the instruments is defective get it repaired early.
 - B. **Monthly checks:-**
 1. Inspection of electrical installation is intended primarily fro fire safety considerations. Following points need to be observed as part of inspection and corrective action as necessary should be taken immediately, including coordination wit the client departments concerned, as may be required.
 2. Check that – there is not sign of heating up, burning smell deceleration or sparking of nay of the boards (SDBs as well as main boards,) and rising mains. These may occur due to overloading or loose terminations. Highly unbalanced loading may cause heavy natural currents an consequent heating of natural conductors and terminals.
 3. No temporary wiring exists anywhere in the building.
 4. There is no joint in cords connecting the WATC units/voltage regulators/office equipment like photocopier, PC etc.
 5. No bare wiring exists over the flooring without mechanical protection by a metallic conduit/channel.

6. There is no misuse of socket outlets,, such as connecting power load t o light socket , connection of multiple loads to one socket , use of heaters in record room, library etc. In such cases of additional demands of outlets, these should be provided early. After taking approval of the competent authority.
7. All DBs are only of MCB type and sockets for WTAC units are of industrial type controlled by MCB.
8. The shafts/spaces for electrical services are not misused, for storage or for dumping rubbish.
9. The spaces in front of DB's and sockets are free (without any storage of files/papers etc.)
10. No additions/alterations are done by the user departments to the electrical installations by themselves.

C. Routine Checks:-

1. A record of loading up to DB level (in each phase in case of 3 phase DBs) should be maintained, after measurements using a clip on ammeter. Such measurement should be done, as for as possible during peak season (summer and winter), when the loads are likely to be the highest.
2. The PF should be maintained above 0.8 (or any higher value fixed y the licensee without penalty). Examine the adequacy of capacitors (if any) accordingly.
3. While cleaning fittings and fans, the fixing /suspending arrangements should also be checked and attended to as necessary. Care should be taken that the alignment is not disturbed.
4. Insulation test should be done monsoon season, as per clause 11.2 of CPWD specifications for elect. Works part I internal 1994.
5. earth continuity test and earth electrode resistance test should be conducted during summer season, as per clauses 11.5 of the above specifications.
6. Record the test results giving identification reference. If results are not satisfactory in any part of the installation, reason should be corrective action be taken immediately.

NOTE:-

- a) Safety procedures at indicated in Appendix E to the general specifications for Electrical works (Part I-Internal 2023) should be duly followed.
- b) The number of items to be maintained in a building may be like fitting, fans, DBs, earth sets etc. In order to achieve compliance to the prescribed periodicities for the various activities on them as per this schedule, each of these items any be divided in to convenient numbers, to carry out the respective activities in sub periods, in a syclinc (Sequential) order. For example, if DB' are to be checked every month, and there are 50 DBs in a building, these maybe checked at the rate of 2 or 3 DBs every days in a sequential order (programmed in advance) so that all DBs are checked in a month.

ADDITIONAL TERMS AND CONDITIONS
For EI & Fans (Sub Head-I)

- (1) The work shall be carried out as per CPWD electrical specifications Internal, External upto date amended and entire satisfaction of Engineer-in-charge.
- (2) The contractor will have to depute following staffs on all days including Sundays & Holidays.
 - (a) Wireman - 3 Nos (One No in each shift Round the Clock on all days including Sundays & Holidays/ Public Holidays)
 - (b) Khallasi - 1 No.in general shift i.e. 9 AM to 5 PM on all days i/c Sundays & Holidays/ Public Holidays
- Qualification of Wireman:- Should have valid Wireman License/electrical workman license/Electrician license issued by the competent authourity.
- Qualification of Khallasi:-Physically strong/Mentally fit, minimum 5th Pass or above.
- (3) The contractor will have to depute additional skilled labour to attend to a fault beyond the competency of the staff deployed for which nothing extra shall be paid.
- (4) The staffs deputed at site shall have to attend all breakdown maintenance complaints and preventive maintenance of all internal and external electrical installations like ponts, wirings, MCB DBs, light fittings, Fans , Compound lights, Street lights etc. installed at the site mentioned in SOQ, within the scope of the works.
- (5) The staffs deputed at site shall attend all the complaints receieved directly from the client department or through JE(E)/AE(E)promptly.
- (6) Inventory of Quarters.

S.No.	DMS Hari Nagar Quarters	Total Qtrs.
1.	Type-I (01 to 225)	225
2.	Type-II (280 to 489)	210
3.	Type-III (226 to 225)	30
4.	Type -IVS (256 to 279)	24
	Total	489 Nos.

LED Street Light with Pole = 98 Nos.

(i/c electrical feeder pillars/ panel of above LED Street lights.)

The quantities of above installations may be varied & new installations may be added , at any stage and nothing extra shall be paid on account of this.

ADDITIONAL TERMS AND CONDITIONS
FOR PUMP SETS (SH-II)

- (1) The work shall be carried out as per CPWD Electrical specifications internal & external amended up to date and entire satisfaction of Engineer-in-charge.
- (2) The contractor will have to depute the staff in following roster at site on all days including Sundays & Holidays.
 - (a) Pump Operator- 2 Nos. (Two shift on all days i/c Sundays & Holidays/Public Holidays
Timing will be decided by site in-charge.)

Qualification of Pump Operator

Pump Operator should have valid Wireman License/electrical workman license/Electrician license issued by the competent authority.

- (3) The pump operators shall have to operate pump sets installed at various locations DMS Colony.
- (4) In case of minor repairs/replace required such as gland dori, nut bolt etc. the contractor shall arrange the same within quoted rate. Major repairing not covered in the scope of work.
- (5) It will be the responsibility of the contractor to make all arrangement for smooth working of Pump installations and to ensure water supply at all the time. In case lapse of any service/ disruption of water supply due to fault of staffs of the contractor , then penalty @ Rs. 5,000/- per day will be deducted from the bill of the contractor.
- (6) INVENTORY PUMP
 - A) 30 HP DSM- 3 type centrifugal pump set- 3 Nos.
 - B) 3 to 7.5 HP Submersible pump set in different tube wells – 3 Nos.
 - C) 2 HP Dewatering pump set- 1 No.
(i/c electrical panels/Starters panel of all above pumps.)

The quantities of above installations may be varied & new installations may be added , at any stage and nothing extra shall be paid on account of this.

ADDITIONAL TERMS AND CONDITIONS
(FOR Special repair of EI works)

1. The work shall be carried out in accordance with CPWD specification for electrical work part –I 2023 (internal), and part –II External, Part-IV (Sub-Station) 2013 (as amended up to date). All installation shall comply with the requirement of Indian Electricity Rules -1956 as amended up to date and as per instruction of Engineer-in-charge.
2. All the materials to be used on the work by the contractor shall be got approved from the Engineer-in-charge or his authorized representative before use on the work. The rejected materials shall have to be replaced by the contractor at his own cost and the same should be removed from the site immediately.
3. All T&P and special T&P shall be arranged by the contractor & nothing extra shall be paid on account of this.
4. Works with bad workmanship are liable to be rejected and the same shall be rectified by the contractor for which nothing extra shall be paid.
5. Only ISI marked steel conduits, wires, cables, switches, socket outlets, ceiling roses, lamp holders (If ISI mark is applicable to that item). etc shall be used . These shall be got approved from the Engineer-in charge before use at work.
6. The contractor is advised to visit the site before quoting this tender to apprise himself about the site environments and other conditions.
7. The contractor is bound to sign the site order book as and when required by the Engineer-in-charge and shall carry out the instructions recorded therein.
8. Any damage done to the existing building while executing the electric work should be made good to the satisfaction of the department within scope of the work for which nothing extra shall be paid. The chases, holes etc. cut in the walls and roofs should be filled within two days. All malba should be removed on the same day by using gunny bag/mats for collection of malba. All the above shall be done under the scope of work and nothing extra shall be paid on a/c of this. In case of failure to do so it will be got done by the Engineer-in-charge or his authorized representative at contractor's risk and cost.
9. All the hidden works shall be carried out in the presence of Engineer-in-charge or his authorized representative with giving sufficient prior information.
10. The contractor shall make his own arrangements for storing the materials and watch & ward at his own cost, even for the installation till the completion of the work and handing over of the building/quarters.
11. The contractor shall make his own arrangement for all general and special tools and plants required for the work at his own cost and nothing extra shall be paid on this account.
12. The earth connection to main switches/boards etc. shall be done with lugs/thimbles properly soldered or with crimping tool within the quoted rates and nothing extra shall be paid on this account.
13. Laying of the conduits routes, position of switches, fittings and cable routes etc. should be got approved by the Engineer-in charge or his authorized representative before execution of work. It

will be in the interest of the contractor to mark the above layout at site and get it approved before actual execution of the work otherwise it will have to get it redone which no extra payment will be made.

14. Wireman executing electrical work should have valid electrical license as required under I.E.Act. The manpower to be deployed for special work should be other than staffs deputed for routine/running maintenance.
15. All inter-connections in the switch-boards shall be carried out with suitable cable/wire connectors with the sufficient current carrying capacity.
16. All the MCB,s etc. shall be of the same make as of the make of MCB DB/TP & DP sheet steel enclosure, irrespective of description of item.
17. All screws/nuts bolts should be galvanized/cadmium plated shall be use at site.
18. If any accident occurs during the execution of work, the firm/contractor will be responsible for all and no compensation will be paid by the Deptt.
19. Workers engaged by the contractor for execution of work shall be liability of the contractor and they will not be considered for type of regular employment in the Department, in any case.
20. The contractor shall cover all new junction boxes i/c round boxes with White Phenolic laminated sheet within the scope of work and nothing extra shall be paid on account of this. However if existing steel junction boxes to be covered with 3 mm thick laminated sheet, then this sheet shall be paid against respective item.
21. All loose wires connecting from ceiling rose to fittings/ fans/ exhaust fans shall be laid inside white colour PVC sleeves. Providing & fixing these PVC sleeves are within the scope of work and nothing extra shall be paid on account of this.
22. The firm shall submit the Manufacturer test certificate of the equipments at the time of supply of material before installation at site.
23. The contractor is required to submit documentary evidences such as delivery challan/test report of material/bill/invoice/ for purchase of material used in work from Authorized dealer/Manufacture of make of material mentioned in NIT if required by the department for genuines of material.
24. The agency shall give minimum one year Guarantee/ Warranty or Guarantee/ Warranty as per manufacturer's norms, which ever higher, to the equipments like Ceiling Fan, Exhaust Fan etc., w.e.f. the date of actual completion of the work against unsatisfactory performance and/or break down for which the agency shall submit an undertaking to the Department just after completion of work. The equipments or components, or any part thereof, so found defective during guarantee/ warranty period shall be forthwith repaired or replaced free of cost, to the satisfaction of the Engineer-in Charge. In case it is felt by the department that undue delay is being caused by the contractor in doing this, the same will be got done/ rectified by the Department at the risk and cost of the contractor and the amount shall be deducted from his security deposit/ any due from the Department. The decision of the Engineer-in- charge in this regard shall be final & binding on the contractor.
25. **Guarantee for LED fittings/ fixtures/ Lumanires (except LED Batten)**
 - a) All the LED Bulbs/ LED fittings/ LED beam light, (except LED batten) shall be guaranteed for a period of 5 Years and the agency shall submit guarantee /warranty certificate issued by the competent authority of the manufacturer, specifically issued for this work/ agreement, before

payment of final bill.

- b) 50% of the Performance Guarantee for tendered amount of LED fittings i/c extra item , shall be refunded to the contractor soon after the completion of the work and recording of the completion certificate.
- c) 50% of the Performance Guarantee for tendered amount of LED fittings, shall be retained as Security Deposit.
- d) 50% of the Performance Guarantee retained on tendered amount of LED fittings, as Security Deposit plus 2.5% Security Deposit already deducted from running bills (total 2.5 +2.5 = 5% of tendered amount of LED fittings i/c extra item) shall be refunded year wise proportionately.

26. Following colour coding shall be followed in wiring:

Live : Red (Single phase wiring)

Neutral: Black

Earth : Yellow/Green

27 Following preferred material to be used in work.

List of Preferred Make of Materials

Sl.No.	Description of Item	Makes
1	FRLS PVC Insulated Copper Conductor Wire , XLPE Al. armoured cable (ISI marked)	Finolex / RR kabel/ Havells/Polycab/Greatwhite/ Anchor Panasonic/Rallison/KEI/HPL
2	MCB's ,MCB DB's, MCCB's , RCCB/ELCB	Havells / Legrand/Schneider Electric/ Hager/ABB/HPL/LK
3	Modular Type switch, socket, blanking plate, ceiling rose, Bell push, and their M.S. Boxes, Electronic fan regulator, GI box, Modular base & cover plate, Call bell /Brass batten/ angle holder/Isolator	Wipro North-West (Venia)/Havells (Attena)/ Legrand (Mylinc)/ MK Honeywell (Horizon)/ Schneider (Livia)/ABB (Lvie)/ Anchor (Roma Plus)
4	Piano Type switch, socket, blanking plate, ceiling rose, Bell push, and their M.S. Boxes, Electronic fan regulator, GI box, Modular base & cover plate, Call bell /Brass batten/ angle holder/ Isolator	Anchor Panasonic/ Havells Crabtree /Northwest/ ABB/ /Legrand/Philips/LK/Greatwhite/HPL
5	Ceiling Fan (BLDC)	Crompton/Havells/Orient/Usha
6	All LED fittings/ LED fixtures	Havells /Philips/ Wipro/Panasonic/ Orient/LT/ Regent/Surya
7	SMC pole box	Sintex/ Hensel
8	GI pipe	Tata/ Jindal (Hissar) /SAIL
9	DWC HDPE Pipe	Rex/Duraline/CPE
10	All other items not covered above	As per samples approved by Engineer In-charge.

Executive Engineer(E),
DED-71, CPWD,
New Delhi.

<u>Schedule of Quantity</u>						
Name of Work: - 1.MOEI & fans i/c Street light at DMS Colony, Hari Nagar, New Delhi. 2. RMO water pumping sets at DMS Colony, Hari Nagar, New Delhi. (SH: Running Maintenance & Operation, Special repair of Internal & External Electrical & mechanical Installations.)						
S No	Description of Item	Qty	Unit	Rate	Amount	Remarks
	Sub Head- I (EI & Fans)					
1	Providing the services of following manpower on a daily basis, including all Sundays and public holidays, to carry out the comprehensive internal and external electrical maintenance of DMS Colony, Harinagar. The scope of work includes attending to routine day-to-day electrical complaints, fault finding, and ensuring the smooth operation and upkeep of various electrical installations. This includes the regular maintenance, of fans, indoor luminaires, outdoor street lights, Staircase Lights, main distribution panels, switchboards, and internal wiring networks across the colony. The deployed personnel shall be responsible for ensuring uninterrupted electrical services and promptly addressing any breakdowns or emergency maintenance requirements, executing all tasks strictly as per the direction and satisfaction of the Engineer-in-Charge a) Wireman:- 3 Nos (Round the clock) b) Khallasi:- 1 No	12.00	Job-Month	160541.00	1926492.00	MR
		Total of Sub Head-I			1926492.00	
	Sub Head- II (Pump Sets)					
1	Providing services of pump operators for running, operation, Maintenance and upkeep including attending/rectification of complaints received of various pumps for of all various capacities of Centrifugal pumps & submersible pump sets for water supply, associated Electrical Control Panels, Valves, Pressure Gauge, Pipe Lines inside Pump House and Water Level Indicators etc. installed at DMS colony Hari Nagar, New Delhi in two shifts each shift of 8 hours as per requirement at site and instructions of Engineer incharge on all days including sundays & Holidays, on daily basis etc. as required. (a) Pump Operator - 2 Nos	12.00	Job-Month	84043.00	1008516.00	MR
		Total of Sub Head-II			1008516.00	
	Sub Head- III (Special Repairing)					
1	Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS/HFFR PVC insulated copper conductor single core cable in surface/ recessed steel conduit, with modular switch, modular plate, suitable GI box and earthing the point with 1.5 sq.mm FRLS/HFFR PVC insulated copper conductor single core cable etc. as required.					

a	Group A	30.00	Point	1440.00	43200.00	1.3.1
2	Rewiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS/HFFR PVC insulated copper conductor single core cable and 1.5 sq.mm FRLS/HFFR PVC insulated copper conductor single core cable as earth wire in existing surface/ recessed steel/PVC conduit including dismantling as required.					
a	Group A	60.00	Point	687.00	41220.00	1.15.1
3	Supplying and drawing following sizes of FRLS/HFFR PVC insulated copper conductor, single core cable in the existing surface/ recessed steel/ PVC conduit as required.					
a	3x 1.5 sq.mm	100.00	Mtrs.	104.00	10400.00	1.17.3
b	3x4sq.mm	80.00	Mtrs.	222.00	17760.00	1.17.21
c	3x6 sq. mm	100.00	Mtrs.	326.00	32600.00	1.17.30
4	Wiring for light/ power plug with 2X4 sq.mm FRLS/HFFR PVC insulated copper conductor single core cable in surface/ recessed steel conduit along with 1 No. 4 sq. mm FRLS PVC insulated copper conductor single core cable for loop earthing as required.	80.00	Each	480.00	38400.00	1.5
5	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 3 pin 5/6 A modular socket outlet and 5/6 A modular switch, connections etc. as required	10.00	Each	545.00	5450.00	1.31
6	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 6 pin 5/6 & 15/16 A modular socket outlet and 15/16 A modular switch, connections etc. as required.	10.00	Each	659.00	6590.00	1.32
7	Supplying & fixing suitable size GI box with modular plate and cover in front on surface or in recess including providing and fixing 25 A modular socket outlet and 25 A modular SP MCB, "C" curve including connections, painting etc. as required.	10.00	Each	807.00	8070.00	1.57
8	Supplying and fixing following way, single pole and neutral, sheet steel, MCB distribution board, 240 V, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required. (But without MCB/RCCB/Isolator)					
a	12 way , Double door	2.00	Each	2871.00	5742.00	2.3.3
9	Providing and fixing 6 SWG dia G.I. wire on surface or in recess for loop earthing along with existing surface/ recessed conduit/ submain wiring/ cable as required.	100.00	Mtr.	50.00	5000.00	5.18
10	Supplying and making end termination with brass compression gland and aluminium lugs for following size of PVC insulated and PVC sheathed / XLPE aluminium conductor cable of 1.1 KV grade as required.					

a	2 X 10 sq. mm (19mm)	8.00	Each	295.00	2360.00	11.1.2
11	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.					
a	Upto 35 sq. mm	50.00	Mtr.	47.00	2350.00	10.5.1
12	Laying and fixing of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size on wall surface as required.					
a	Upto 35 sq. mm (clamped with 1mm thick saddle)	50.00	Mtr.	64.00	3200.00	10.7.1
13	Supplying and laying of following size DWC HDPE pipe ISI marked along with all accessories like socket, bend, couplers etc. conforming to IS 14930, Part II complete with fitting and cutting, jointing etc. in the existing trench, complete as required.					
a	63 mm dia (OD-63 mm & ID-51 mm nominal)	50.00	Mtr.	136.00	6800.00	15.15.1
14	Supplying of one number PVC insulated and PVC sheathed/ XLPE power cable of 1.1 KV grade of following size as required					
a	2 X 10 sq. mm cable	100.00	Each	321.00	32100.00	MR
		Total of Sub Head-III			261242.00	
	Sub Head- IV (Supply of Material)					
1	1.5 sq. mm ISI marked, FRLS PVC insulated, single core copper Conductor cable	300.00	Mtr.	23.00	6900.00	DSR Based
2	4.0 sq. mm ISI marked, FRLS PVC insulated, single core copper conductor cable	200.00	Mtr.	54.00	10800.00	DSR Based
3	6.0 sq. mm ISI marked, FRLS PVC insulated, single core copper conductor cable	200.00	Mtr.	82.00	16400.00	DSR Based
4	S.P. 5/6 A, one way switch, piano type ISI marked	100.00	Each	13.00	1300.00	DSR Based
5	S.P. 15/16 A, one way switch, piano type ISI marked	50.00	Each	62.00	3100.00	DSR Based
6	3 pin 5/6 A socket outlet, piano type ISI marked	50.00	Each	30.00	1500.00	DSR Based
7	6 pin 15/16 & 5/6 A socket outlet, piano type ISI marked	50.00	Each	78.00	3900.00	DSR Based
8	Bell push, piano type	20.00	Each	25.00	500.00	DSR Based
9	Brass batten/ angle holder	20.00	Each	49.00	980.00	DSR Based
10	Call bell/ buzzer, single phase	10.00	Each	57.00	570.00	DSR Based
11	6A, to 32 A, ratings , SP MCB, "C" curve, 10 KA breaking capacity	50.00	Each	175.00	8750.00	DSR Based

12	ceiling fan with Brush Less Direct Current (BLDC) Motor, etc. complete as req					
a	1200mm, BEE 5 star rating, service value ≥ 6.0 CM/Min/Watt, air delivery 210 CM/Min (Minimum)	25.00	Each	2446.00	61150.00	DSR Based
13	LED Street light fixture, powder coated pressure die cast aluminium body (System lumen efficacy $\geq 105 < 120$ lm/Watt) of following body materials.					
a	120 Watt	20.00	Each	2046.00	40920.00	DSR Based
14	LED Batten light (System lumen efficacy $\geq 105 < 120$ lm/Watt) of following body materials. Powder coated die cast /Extruded aluminium Body (Thickness > 1.20 mm)					
a	18-22 Watt	80.00	Each	399.00	31920.00	DSR Based
15	LED Down lighter (SMD Type) (System lumen efficacy $\geq 105 < 120$ lm/Watt) of following body materials. Powder coated die cast /Extruded aluminium Body including trim with Aluminium Reflector					
a	12-15 Watt	30.00	Each	426.00	12780.00	DSR Based
16	40 A, 2 pole isolator	10.00	Each	325.00	3250.00	DSR Based
17	Supply of Stepped Fan Regulator, piano switch type.	10.00	Each	200.00	2000.00	MR
	Total of Sub Head-IV				206720.00	
	SH-V (Credit Material i/c dismanteling)					
1	Credit of Materials					
a	Old/ Burnt SP MCB	50.00	Each	-1.00	-50.00	
b	Old/ Burnt Copper wire	1.00	Kg.	-400.00	-400.00	
c	Old Aluminium wire	2.00	Kg.	-200.00	-400.00	
e	Old/ Burnt 2 pole Isolator.	10.00	Each	-2.00	-20.00	
g	Old/ Burnt LED batten/ Down lighter.	110.00	Each	-10.00	-1100.00	
h	Old burnt switch/ socket/ regulaor/ Bell push	270.00	Each	-0.20	-54.00	
i	Old/ Burnt Street light.	20.00	Each	-50.00	-1000.00	
j	Old/ Burnt Ceiling fan	25.00	Each	-350.00	-8750.00	
	Total SH-V				-11774.00	
	Total SH-I+II+III+IV+V				3391196.00	

Say Rs. 33,91,196/-

Note :- (For credit of Sub HeadV 1 a to j) :- The rates should be quoted at par or above, if bidder quote the same as below, rates shall be considered at par for financial bid evaluation)

Executive Engineer (E)
DED-71, CPWD,
Pusa, New Delhi

Central Public Works Department					
NIT No: 72 /2026-27/DED-71/3					
1.MOEI & fans i/c Street light at DMS Colony, Hari Nagar, New Delhi. 2. RMO water pumping sets at DMS Colony, Hari Nagar, New Delhi. (SH: Running Maintenance & Operation, Special repair of Internal & External Electrical & mechanical Installations.)					
SCHEDULE OF QUANTITIES					
Name of the Contractor / Company Name					
Sl.No.	Name of component	Estimated cost	Percentage above or below the estimated cost	% in Figures	Total Cost
1	Works as per SOQ	3391196	Select	0.00	-
	Grand Total				-

Executive Engineer(E)
DED-71, CPWD, Pusa,
New Delhi.