

NAME OF WORK :- Maintenance of Street Lights, High Masts on Delhi PWD Roads under PWD M-South Division during 2019-20. (SH:- Supply installation, testing & Commissioning of street light Poles and LED Fittings at IGNOU Road, New Delhi)

NIT NO.:- 141/EE(E)/South /Elect. Divn.,/PWD/2019-20

INDEX

Sl. NO.	Particulars	Page No.
1.	Index	1
2.	Notice Inviting tenders	2
3.	Tender Notice	3
4	Endorsement	4
5	EMD receipt format	5
6.	NIT (Form CPWD-6)	6-10
7.	Tender Form CPWD-7	11-20
8.	Terms & Conditions	21-22
9.	List of preferred Makes	23
10	Schedule of quantity	24-26

Certified that this NIT Contains pages marked 1 to
NIT approved for **Rs. 20,84,090/-**

Assistant Engineer (E)P
South Elect. Divn., PWD
Sukhdev Vihar, Mathura Road,
Near Okhla Flyover, New Delhi

Executive Engineer(E)
South Elect. Divn., PWD
Sukhdev Vihar, Mathura Road,
Near Okhla Flyover, New Delhi

NOTICE INVITING TENDER

NIT No: **141/EE(E)/South /Elect. Divn.,/PWD/2019-20**

Name of work: - **Maintenance of Street Lights, High Masts on Delhi PWD Roads under PWD M-South Division during 2019-20. (SH:- Supply installation, testing & Commissioning of street light Poles and LED Fittings at IGNOU Road, New Delhi.)**

ESTIMATED COST : **Rs. 20,84,090/-**

EARNEST MONEY : **Rs. 41,682/- (to be returned after receiving performance guarantee)**

SECURITY DEPOSIT : **2.5% of tendered value plus 50% of PG for contracts involving maintenance of the building and services/other work after construction of same building and services/other work.**

TIME ALLOWED : **120 Days**

PERFORMANCE GUARANTEE: **5% of the tendered value of the work**

CERTIFIED THAT THIS NIT CONTAINS PAGES (SERIAL NO 1 TO)

NIT Amounting to Rs. 20,84,090/- (Rs. Twenty lacs Eighty Four Thousand and Ninety only) is hereby approved.

Executive Engineer(E)
South Elect. Divn., PWD
Sukhdev Vihar, Mathura Road,
Near Okhla Flyover, New Delhi.

लोक निर्माण विभाग

TENDER NOTICE

The Executive Engineer (E) South Elect. Div., PWD, Sukhdev Vihar, Mathura Road, Near Okhla Flyover, New Delhi on behalf of President of India invites ONLINE percentage rate bids from approved and eligible contractors of CPWD in Composite Category or those of appropriate list of MES, BSNL and other state Govt. Departments dealing with buildings and roads and other experienced contractors who satisfy the criteria of execution of similar works i.e. 3 no. works each of value not less than 40% of estimated cost put to tender or 2 no. Works each of value not less than 60% of estimated cost put to tender or 1 no. work of value not less than 80% of the estimated cost put to tender in the last 7 years, "Similar work means- Internal/External Electrical work" which shall be received by "E-Tendering upto 15:00 on 02.01.2020 for the work:- EI works.

	Name of Work	Estimated Cost put to tender	Earnest Money	Period of completion	Last date and time of submission of Bid	Time and date of opening of bid
141/EE(E)/South /Elect. Divn./PWD/2019-20	Maintenance of Street Lights, High Masts on Delhi PWD Roads under PWD M-South Division during 2019-20. (SH:- Supply installation, testing & Commissioning of street light Poles and LED Fittings at IGNOU Road, New Delhi)	Rs. 20,84,090/-	Rs. 41,682/-	120 Days	02.01.2020 upto 3.00 PM	02.01.20at 3.30 PM

- 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 (E) PWD EMD M-453) shall be scanned and uploaded to the e-Tendering website within the period of bid submission. **The original EMD should be deposited upto 3.00 P.M. on the date of opening, either in the office of Executive Engineer inviting bids or division office of any Executive Engineer, PWD GNCTD within the period of bid submission. (The EMD documents shall only be issued from the place in which the office of receiving division office is situated).** The EMD receiving Executive Engineer 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. The receipt shall also be uploaded to the e-tendering website by the intending bidder upto the specified bid submission date and time.

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

- 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.
- Information and Instructions for bidders posted on website shall form part of bid documents.
- 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://govtprocurement.delhi.gov.in> at ID No. free of cost.

- Tender shall be submitted in Two bid System.

- Eligibility Criteria documents.
- Financial bid.

Eligibility documents shall be opened first on the date of opening of bid & evaluated and parties qualified/disqualified by the competent authority. Financial bid of qualified tenderers shall then be opened on later date and time.

- List of Documents to be scanned and uploaded within the period of bid submission failing which the bid shall be rejected.

- Treasury Challan/ Demand Draft/ Pay Order or Banker's Cheque/ Deposit at Call Receipt/ FDR/ Bank Guarantee of any Scheduled Bank against EMD.
- Copy of receipt (format enclosed) for deposition of original EMD issued from division office of any Executive Engineer, PWD, GNCTD.
- Scan copy of approved and eligible contractors of CPWD in Composite Category or Completion Certificate as per NIT.
- Scanned copy of Registration in GST.
- Upto date GST return.
- Scan copy of Valid Electrical Contractor License.

कार्यपालक अभियंता(वै)

लोक निर्माण विभाग
(रा0रा0क्षेत्र दिल्ली सरकार)

पत्र सं0— 54(350) दक्षिण वैद्युत मण्डल/लो.नि.वि./ 19-20/ए-3/ दिनांक :

प्रतिलिपि :-

1. अधीक्षण अभियन्ता (दक्षिण), लो.नि.वि. (एम-44), सुखदेव बिहार, रा0रा0क्षेत्र दिल्ली सरकार, नई दिल्ली।
2. सहायक अभियन्ता(वैद्युत), साकेत कोर्ट, लो.नि.वि.वै0अनु0मण्डल एम (दक्षिण) नई दिल्ली।
3. सहायक अभियन्ता(वैद्युत), होजखास, लो.नि.वि.वै0अनु0मण्डल एम (दक्षिण) नई दिल्ली।
4. सहायक अभियन्ता(वैद्युत), PTS मालनीय नगर, लो.नि.वि.वै0अनु0मण्डल एम (दक्षिण) नई दिल्ली।
5. योजना शाखा, लो.नि.वि.वै0अनु0मण्डल एम (दक्षिण), नई दिल्ली।
6. खजांची, लो.नि.वि.वै0अनु0मण्डल एम (दक्षिण) (एम-453), नई दिल्ली।
7. सूचना पट्ट , लो.नि.वि.वै0अनु0मण्डल एम (दक्षिण), नई दिल्ली।
8. करारनामा

कार्यपालक अभियन्ता (वै0)
दक्षिण वैद्युत मण्डल लो.नि.वि.,
नई दिल्ली-110002

Receipt of deposition of original EMD

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

Name of work : **Maintenance of Street Lights, High Masts on Delhi PWD Roads under PWD M-South Division during 2019-20. (SH:- Supply installation, testing & Commissioning of street light Poles and LED Fittings at IGNOU Road, New Delhi)**

- | | | | |
|----|---------------------------------|---|--|
| 2. | NIT No. | : | 141/EE(E)/South /Elect. Divn.,/PWD/19-20 |
| 3. | Estimated Cost | : | Rs. 20,84,090/- |
| 4. | Amount of Earnest Money deposit | : | Rs. 41,682/- |
| 5. | Last date of submission of bid | : | 02.01.2020 |
| 6. | ID No. | : | |

- | | |
|----|---------------------------------|
| 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) alongwith office stamp

**GOVERNMENT OF INDIA
CENTRAL PUBLIC WORKS DEPARTMENT**

NOTICE INVITING TENDER

The Executive Engineer (E) South Elect. Div., PWD, Sukhdev Vihar, Mathura Road, Near Okhla Flyover, New Delhi on behalf of President of India invites ONLINE percentage rate bids from approved and eligible contractors of CPWD in Composite Category or those of appropriate list of MES, BSNL and other state Govt. Departments dealing with buildings and roads and other experienced contractors who satisfy the criteria of execution of similar works i.e. 3 no. works each of value not less than 40% of estimated cost put to tender or 2 no. Works each of value not less than 60% of estimated cost put to tender or 1 no. work of value not less than 80% of the estimated cost put to tender in the last 7 years, "Similar work means- Internal/External Electrical work" which shall be received by "E-Tendering upto 15:00 at 02.01.2020 for the work:- Maintenance of Street Lights, High Masts on Delhi PWD Roads under PWD M-South Division during 2019-20. (SH:- Supply installation, testing & Commissioning of street light Poles and LED Fittings at IGNOU Road, New Delhi)

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

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

1. The work is estimated of cost **Rs. 20,84,090/-** This estimate, however, is given merely as a rough guide.
2. Agreement shall be drawn with the successful tenderer on prescribed Form No. CPWD 7 (OR OTHER Standard Form as mentioned) which is available as a Govt. of India Publication. Bidder 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 **120 Days** from the date of start as defined in schedule 'F' or from the first date of handing over of the site, whichever is later, in accordance with the phasing, if any, indicated in the tender documents.
4. The site for the work is available.
OR
The site for the work shall be made available in parts as specified below:-
.....
ii) The architectural and structural drawing for the work is available
or
The architectural and structural drawings shall be made available in phased manner, as per requirement of the same as per approved programme of completion submitted by the contractor after award of work.
5. The bid 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 from the website.
6. After submission of the bid the contractor can re-submit revised bid any number of times but before last time and date of submission of tender as notified.
7. While submitting the revised bid, contractor can revise the rates of one or more item(s) any number of times (he need not re-enter rate of all the items) but before last time and date of submission of tender as notified.
8. When 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 tender submitted earlier shall become invalid.

CORRECTION-----NIL-----
DELETION-----NIL-----
INSERTION-----NIL-----

9. Earnest Money in the form of Treasury Challan or Demand Draft or Pay Order or Banker's Cheque or Deposit at Call Receipt or Fixed Deposit Receipt (drawn in favor of Executive Engineer (E) PWD EMD M-453) shall be scanned and uploaded to the e-Tendering website within the period of bid submission. **The original EMD should be deposited upto 3.00 P.M. on the date of opening, either in the office of Executive Engineer inviting bids or division office of any Executive Engineer, PWD GNCTD within the period of bid submission. (The EMD documents shall only be issued from the place in which the office of receiving division office is situated).**

The EMD receiving Executive Engineer 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.

The receipt shall also be uploaded to the e-tendering website by the intending bidder upto the specified bid submission date and time.

A part of the earnest money is acceptable in the form of bank guarantee also. In such case, 50% of earnest money of Rs. 20 lacs, 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 six months or more from the last date of receipt of bids which is to be scanned and uploaded by the intending bidders.

Copy of Enlistment Order and certificate of work experience and other documents as specified in the press notice shall be scanned and uploaded to the e-Tendering website within the period of bid submission. **However, certified copy of all the scanned and uploaded documents as specified in press notice shall have to be submitted by the lowest bidder only along 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 PWD GNCTD and other documents scanned and uploaded are found in order

10. The bid submitted shall become invalid if :
- (i) The bidders is found ineligible.
 - (ii) **The bidder does not deposit original EMD with division office of any Executive Engineer, PWD GNCTD (The EMD documents shall only be issued from the place in which the office of receiving division office is situated).**
 - (iii) The bidder does not upload all the documents (including GST Registration) as stipulated in the bid document **including the copy of receipt for deposition of original EMD.**
 - iv) If any discrepancy is noticed between the documents as uploaded at the time of submission of bid and hard copies as submitted physically by the lowest bidder in the office of tender opening authority.
11. The Contractor whose tender is accepted, will be required to furnish performance guarantee of 5% (Five percent) of the tendered amount within the period specified in Schedule F. This guarantee shall be in the form of cash (in case guarantee amount is less than Rs. 10,000/-) or 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 (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 alongwith bid shall be returned after receiving the aforesaid performance guarantee.

12. Intending Tenderers are advised to inspect and examine the site and its surroundings and satisfy themselves before submitting their tenders as to the nature of the ground and sub-soil (so far as is practicable), the form and nature of the site, the means of access to the site, the accommodation they may require and in general shall themselves obtain all necessary information as to risks, contingencies and other circumstances which may influence or affect their tender. A tenderer shall be deemed to have full knowledge of the site whether he inspects it or not and no extra charge consequent on any misunderstanding or otherwise shall be allowed. The tenderer shall be responsible for arranging and maintaining at his own cost all materials, tools & plants, water, electricity access, facilities for workers and all other services required for executing the work unless otherwise specifically provided for in the contract documents. Submission of a tender by a tenderer implies that he has read this notice and all other contract documents and has made himself aware of the scope and specifications of the work to be done and of conditions and rates at which stores, tools and plant, etc. will be issued to him by the Government and local conditions and other factors having a bearing on the execution of the work.
13. The competent authority on behalf of the President of India does not bind itself to accept the lowest or any other tender and reserves to itself the authority to reject any or all the tenders received without the assignment of any reason. All tenders in which any of the prescribed condition is not fulfilled or any condition including that of conditional rebate is put forth by the tenderer shall be summarily rejected.
14. Canvassing whether directly or indirectly, in connection with tenderers is strictly prohibited and the tenders submitted by the contractors who resort to canvassing will be liable to rejection.
15. The competent authority on behalf of President of India reserves to himself the right of accepting the whole or any part of the tender and the tenderer shall be bound to perform the same at the rate quoted.
16. The contractor shall not be permitted to tender for works in the CPWD Circle (Division in case of contractors of Horticulture/ Nursery category) responsible for award and execution of contracts, in which his near relative is posted a Divisional Accountant or as an officer in any capacity between the grades of Superintending Engineer and Junior Engineer (both inclusive). He shall also intimate the names of persons who are working with him in any capacity or are subsequently employed by him and who are near relatives to any 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.
17. No Engineer of gazetted rank or other Gazetted Officer employed in Engineering or Administrative duties in an Engineering Department of the Government of India is allowed to work as a contractor for a period of one year after his retirement from Government service, without the previous permission of the Government of India in writing. This contract is liable to be cancelled if either the contractor or any of his employees is found any time to be such a person who had not obtained the permission of the Government of India as aforesaid before submission of the tender or engagement in the contractor's service.

18. The bid for the work shall remain open for acceptance for a period of Fifteen/15 days from the date of opening of price bid in case of single bid system/**Sixty(60) days from the date of opening of price bid in case bids are invited on 2 or 3 bid/envelop system (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.
19. This Notice Inviting of Tender shall form a part of the contract document. The successful tenderer / contractor, on acceptance of his tender by the accepting authority, shall, within 7 days from the stipulated date of start of the work sign the contract consisting of:-
- (i) The notice inviting tender, all the documents including General/ Special conditions, specifications and drawings, if any, forming the tender as issued at the time of invitation of tender and acceptance thereof together with any correspondence leading thereto. Standard **C.P.W.D. Form 7** i.e. General Conditions of contract for CPWD works 2014 with amendments up to the date of receipt of tender.
Schedules for minor components of the work will be supplied by technical sanctioning authority of the discipline well in time to be included in the main tender. Approval of NIT of Composite works shall be accorded by the major component authority and the cost component of other than major head shall not be considered for the purpose of financial power as there is merely compilation of different heads for the purpose of NIT. The eligible tenderers for major component will quote rates for various items of minor components of work also. The lowest tenderers would be decided based on quoted rates in respect of all the schedules attached in tender documents. It will be obligatory on the part of the main contractor to sign the tender documents for all the components.
 - b) Standard CPWD Form 7 or other standard CPWD Form as mentioned.
- 20.1.0 The tender document will include following three components :
- Part A *CPWD-6, CPWD-7 including schedule A to F for major component of the work, Standard General Conditions of Contract for CPWD 2014 or latest edition as applicable with all amendments/modifications as applicable*
 - 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, (where SE/EE in charge of major component shall also be competent authority under clause 2 and clause 5 as mentioned in schedule of quantities applicable to minor component / components of the work. Entire work under the scope of composite tender shall BE EXECUTED UNDER ONE AGGREMENT..*
- 20.1.1 The bidder must associate with himself, agencies of the appropriate class eligible to bid for each of the minor component individually.
- 20.1.2 The eligible bidder shall quote rates for all items of major component as well as for all items of minor components of work.

- 20.1.3 After acceptance of the tender 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 EEs/DDH in charge of minor components. One such signed set of agreement shall be handed over to EE /DDH incharge of minor component. EE of major component will operate part A and Part B of the agreement. EE/ DDH incharge of minor components(s) shall operate Part C alongwith Part A of the agreement.
- 20.1.4 Entire work under the scope of composite tender including major and all minor components shall be executed under one agreement.
- 20.1.5 Security Deposit will be worked out separately for each component corresponding to the estimated cost of the respective component of works.
- 20.1.6 The main contractor has to associate agency(s) for minor component(s) conforming to eligibility criteria as defined in the tender documents and has to submit detail of such agency(s) to Engineer-in-charge of minor components(s) within prescribed time. Name of the agency(s) to be associated shall be approved by Engineer-in-charge of minor component(s).
- 20.1.7 In case the main contractor intends to change any of the above agency / agencies during the operation of the contract, he shall obtain prior approval of Engineer-in-charge of minor component. 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.
- 20.1.8 The main contractor has to enter into agreement with contractor(s) associated by him for execution of minor component(s). Copy of such agreement shall be submitted to EE /DDH in charge of each minor component as well as to EE in charge of major component. In case of change of associate contractor, the main contractor has to enter into agreement with the new contractor associated by him.
- 20.1.9 Running payment for the major component shall be made by EE of major discipline to the main contractor. Running payment for minor components shall be made by the Engineer-in-charge of the discipline of minor components directly to the main contractor.
- 20.1.10A 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.
- 20.1.10B Final bill of whole work shall be finalized and paid by the EE of major component. Engineer(s) in-charge of minor component(s) will prepare and pass the final bill for their component of work and pass on the same to the EE of major component for including in the final bill for composite contract.

Executive Engineer(E)
South Elect. Divn., PWD
Sukhdev Vihar, Mathura Road,
Near Okhla Flyover, New Delhi.

**GOVERNMENT OF INDIA
CENTRAL PUBLIC WORKS DEPARTMENT**

STATE: - DELHI
BRANCH: - E&M
ZONE:- I

CIRCLE: South
DIVISION: South Elect. Div.
SUB-DIVISION- 3

PERCENTAGE RATE TENDER / ITEM RATE TENDER & CONTRACT FOR WORKS

- (A) Tender for the work of
Maintenance of Street Lights, High Masts on Delhi PWD Roads under PWD M-South Division during 2019-20. (SH:- Supply installation, testing & Commissioning of street light Poles and LED Fittings at IGNOU Road, New Delhi)
- (i) To be submitted by (time) 3.00 PM hours on (date) **02.01.2020** to
Executive Engineer (E) South Elect. Div., PWD, Sukhdev Vihar, Mathura Road Near Okhla Flyover, New Delhi
- ii) To be opened in presence of tenderers who may be present at 3.30 PM hours on **02.01.2020** in the office of **Executive Engineer (E) South Elect. Div., PWD.**

Issued to: - M/s.....Draft NIT.....(Contractor)**

Signature of officer issuing the documents **Executive Engineer (E) South Elect. Div., PWD, Sukhdev Vihar, Mathura Road Near Okhla Flyover, New Delhi**

Date of Issue:**

.....** to be filled by EE

TENDER

I/We have read and examined the notice inviting tender, schedule A,B,C,D,E & F, applicable specifications, 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 condition 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, design, 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.

I/We agree to keep the tender open for **15 (Fifteen) days** from the due date of opening of financial bid in case tenders are invited on 2 envelop system and not to make any modification in its terms and conditions. .

A sum of **Rs. 41,682/-** has been deposited 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 of 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 his 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 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 therefrom to any person other than a person to whom I/We am / are authorised to communicate the same or use the information in any manner prejudicial to the safety of the state.

Dated*

Signature of Contractor

Postal Address *

Witness :

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 letter referred to below shall form part of this agreement:-

- i)
- ii)
- iii)

For & on behalf of the President of India

Signature.....**

Designation: **Executive Engineer(E)**
South Elect. Divn., PWD
Sukhdev Vihar, Mathura Road,
Near Okhla Flyover, New Delhi

Dated**

SCHEDULES**SCHEDULE 'A'**

Schedule of Quantities :- - As per separate sheets attached from **Page No.**

SCHEDULE 'B'

Schedule of materials to be issued to the contractor.

Sl. 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
<i>Nil</i>				

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			

SCHEDULE 'D'

Extra schedule for specific requirements/documents for the work, if any. **NIL**

SCHEDULE 'E'

Reference to General conditions of contract :- GCC for CPWD Works 2014 amended upto date till receipt of tender

Name of Work : Maintenance of Street Lights, High Masts on Delhi PWD Roads under PWD M-South Division during 2019-20. (SH:- Supply installation, testing & Commissioning of street light Poles and LED Fittings at IGNOU Road, New Delhi)

- (i) Estimate cost of Work : Rs. 20,84,090/-
- ii) Earnest Money : Rs. 41,682/- (to be returned after receiving performance guarantee)
- iii) Performance Guarantee : The contractor shall be required to deposit an amount equal to 5% of the tendered value of work as performance guarantee in the form as mentioned in Para 11 of PWD-6 within 15 days of the issue of letter of acceptance. This period can be further extended by Engineer-in-Charge upto a maximum of 7 days on written request of the contractor.
- iv) Security Deposit : **2.5% of the tendered value**
OR
2.5% of tendered value plus 2.5% PG for contracts involving maintenance of the building and services/ any other work also.

SCHEDULE 'F'**GENERAL RULES AND DIRECTIONS:**

Officer Inviting Tender

Executive Engineer(E)
South Elect. Divn., PWD
Sukhdev Vihar, Mathura Road,
Near Okhla Flyover, New Delhi.

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 (i) Engineer-in-Charge	Executive Engineer(E) South Elect. Divn., PWD Sukhdev Vihar, Mathura Road, Near Okhla Flyover, New Delhi.
2(ii) Accepting Authority	Executive Engineer(E) South Elect. Divn., PWD Sukhdev Vihar, Mathura Road, Near Okhla Flyover, New Delhi.
2(iii) Percentage on cost of materials and labour to cover all overheads and profits.	15%
2(iv) Standard Schedule of Rates	Market Rate & DSR 2016
2(v) Department	PWD (NCTD)
9(vi) Standard CPWD contract Form	CPWD form 7, as modified & corrected upto date

Clause 1

i) Time allowed for submission of Performance Guarantee from the date of issue of tender of acceptance, in days	15 Days
ii) Maximum allowable extension with late fee @ 0.1% per day of Performance Guarantee amount beyond the period provided in (i) above	7 Days

Clause 2

Authority for fixing compensation under clause 2.	Superintending Engineer South Circle, PWD
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Clause 2A

Whether Clause 2A shall be applicable	Not applicable
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Clause 5

Number of days from the date of issue of letter of acceptance for reckoning date of start	22 Days
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Clause 5.1**Table of Mile Stone (s)**

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
1		---NA---	
2			
3			

OR

SN	Financial Progress	Time allowed (from date of start)	Amount to be withheld in case of non achievement of milestone
---NA---			

Time allowed for execution of work : **120 Days**
 Authority to decide :

- (i) Extension of time. **As applicable.**
- (ii) Rescheduling of mile stones Not applicable.....

Clause 6, 6A

Clause applicable – (6 or 6A) 6A

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. 5.00 lacs

Clause 7A

Not applicable

Clause 10A

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

1. 2. 3.
4. 5. 6.

Clause 10B(ii)

Whether Clause 10 B (ii) shall be applicable

N.A
No

Clause 10C

Component of labour expressed as percent of value of work - NIL

Clause 10CA

S.N.	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
		N.A	

Clause 10CC

Clause 10CC to be applicable in contracts with stipulated period of Completion exceeding the period shown in next column

N.A.

Schedule of component of other Material, Labour, POL etc. for price escalation.

Component of civil (except materials covered under clause 10CA) / Electrical construction Materials expressed as percent of total value of work

Xm % N.A.

Component of Labour :
Expressed as percent of total value of work

Y % N.A.

Component of P.O.L
Expressed as percent of total value of work

Z % N.A.

Clause 11

Specifications to be followed for execution of work

General Specification for Electrical works (Internal & External) as amended upto date till receipt of tender

Clause 12

Type of work

Maintenance

12.2 & 12.3 Deviation limit beyond which clause 12.2 & 12.3 shall apply for building work

30% of all work or as admissible.

12.5 Deviation limit beyond which clause 12.2 & 12.3 shall apply for foundation work (except earth work)

30%

Deviation Limit for items in earth work subhead of DSR or related items

100%

Clause 16

Competent Authority for deciding reduced rates.

**Superintending Engineer
South Circle, PWD****Clause 36 (i)**

SN	Minimum Qualification of Technical Representative	Discipline	Designation (Principal technical / Technical representative)	Minimum Experience	Number	Rate at which recover shall be made from the contractor in the event of not fulfilling provision of clause 36 (i)	
						Figures	Words
1.	Recognized Diploma holder	Electrical	Technical representative	Five Years	1	15000/- per month	Rs. Fifteen thousand only
	OR Graduate Engineer	Electrical	Technical representative	Two Years	1		

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

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

Clause 42

i) (a) Schedule/statement for determining theoretical quantity of cement & bitumen on the basis of Delhi Schedule of Rates _____ printed by CPWD.

Not applicable

ii) Variations permissible on theoretical quantities

a) Cement for works with estimated cost put to tender not more than Rs. 5 lacs.

Not applicable

for works with estimated cost put to tender more than Rs. 5 lacs.

Not applicable

(b) Bitument for all works

Not applicable

c) Steel Reinforcement and structural steel sections for each diameter, section and category.

Not applicable

d) All other materials.

Nil

RECOVERY RATES FOR QUANTITIES BEYOND PERMISSIBLE VARIATION

Sl. 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	Not applicable	
2.	Steel reinforcement		
3.	Structural Sections		
4.	Bitumen issued free		
5.	Bitumen issued at stipulated fixed price		

Executive Engineer(E)
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 Sukhdev Vihar, Mathura Road,
 Near Okhla Flyover, New Delhi.

NAME OF WORK :-

Maintenance of Street Lights, High Masts on Delhi PWD Roads under PWD M-South Division during 2019-20. (SH:- Supply installation, testing & Commissioning of street light Poles and LED Fittings at IGNOU Road, New Delhi)

TERMS & CONDITIONS

1. The Work shall be carried out as per CPWD specifications for electrical works Part-I 2013 (INT), and Part-II 1994 (EXT.), CPWD specification for substation amended upto date and the Indian Electricity Rule-1956 as amended upto date for such works
2. All the materials, whatsoever, to be supplied and provided by the contractor should be of standard and approved quality. These should be got approved from the Engineer-in-Charge or his authorized representative before installation. No payment will be made for any unapproved or sub standard/ rejected materials used on the work. Rejected materials should be removed from the site of work within 48 hours failing which the same will be liable for removal by the department at the risk and cost of contractor without any liability.
3. All malba should be removed on the same day. 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.
4. All watch and ward of the materials installed at work will be responsibility of the contractors till their handing over to the department on completion of work. Merely recording of measurement and running payments made to contractor. There will be regular handing over/ taking over the installation. Any missing item shall have to be make good by the contractor.
5. Laying of the cable, position of fittings and cable routes etc. should be got approved by the Engineer-in-Charge or his authorized representative. 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 not be accepted and the contractor will have to get it redone for which no extra payment will be made.
6. Persons employed for execution of electrical work should have electrical license as required under I.E. Act.
7. Department shall not be responsible for any injury partial or permanent or death of any worker at site due to accident or malfunctioning of the equipment or by negligence of the staff or any kind.
8. **Before dispatch of material to the site contractor has to invite the department to check the material after the approval of material by Engineer-in- charge then only material dispatched for installation at site.**
9. No T&P shall be issued by the department for execution of work.
10. First aid box shall be kept by the contractor at site of work. No extra payment shall be made on this account.
11. The earthing shall invariably be done in presence of the AE/ JE in-charge of the work.
12. Supply items to be got approved from Engineer-in-Charge in Advance, otherwise no payment shall be released.
13. If any condition's is put by the contractor, which is not as per CPWD specifications/ terms and conditions of NIT, his tender is liable to be rejected.
14. All termination of electrical cables for sizes higher than 6sqmm shall have to done with proper thimbles/ reducer uncrimping process Copper thimble reducer shall be used for copper cable and aluminum ones for Al. cables.
15. Before cable is laid in the ground the route must be got approved from Engineer-in-Charge the cable trench shall be as straight as possible. Otherwise it will not be acceptable and the contractor will have to get it redone for which no extra payment will be made.
16. The list of approved makes for the materials to be used at site for execution of work is attached.

CORRECION-----NIL-----
 DELETION-----NIL-----
 INSERTION-----NIL-----

17. All screws/ nuts bolts should be galvanized/ cadmium plated/ passivate only as the case may be.
18. Contractor will have to abide by the instructions contained in CPWD Works Manual 2019 (upto date) applicable to him.
19. The rates quoted by Firm/ Contractor shall be inclusive of all taxes such as GST etc. and nothing extra shall be paid on this account. The quoted rates shall be firmed.
20. Department in no way is involved in any dispute of whatever kind between the contractor and the staff engaged by him Payment against the final bill however would be subject to clearance from labour authorities.
21. **Contractors shall have to submit the proof of material purchased by them i.e. Challan / Bill for the genuineness of material. However Bill / Challan shall not be prior to date of opening of tender.**
22. **The Contractor shall give Five Years Warranty / Guarantee of the LED fittings of any manufacturing defects. The Contractor shall replaced / repair the fittings free of cost during the guarantee period. In this regard before supplying of material the contractor shall submit an undertaking of the manufacturer of the fittings stating that material supplied shall stand warrantee against manufacture defects for the period of Five Years. Manufacturer should submit 5 Years of Onsite Warranty Certificate on LED Lighting Products Signed by not below the Rank of Regional Manager, Director, Owner or Proprietor of the Manufacturing Firm.**
23. The Contractor shall give one year warranty / guarantee for other materials & installation of any manufacturing defects. The Contractor shall replace / repair the same free of cost during the guarantee period.
24. The contractor is bound to sign the site order book as and when required by the Engineer in charge and carryout the instructions recorded therein.
25. Before quoting their rates, the tenderers should visit the site so as to acquaint themselves of the site conditions.
26. Nothing extra shall be paid on account of idle labour & inter connection etc.
27. Bad workman ship is liable to be rejected.
28. The contractor shall make his own arrangement for storing the materials and watch and ward at his own cost as also for the installation till the completion and handing over the Road.
29. The contractor shall make his own arrangement at his own cost for all general and electrical tools and plants required for the work.
30. The work shall ordinarily be carried out according to the drawings supplied as applicable with the schedule of work at the time of award of work subject to any change made by the Engineer-in-Charge as applicable in new construction works.
31. Defective LED Luminaries with warrantee period shall have to be repaired by agency or concerned manufacturer of LED Luminaries can be replaced within 7 days after intimation. In case of no response defective LED Luminaries can be replaced by this office from elsewhere, which shall be recovered from the pending dues of the contractor and strict action shall be taken against concerned LED Luminaries manufacturer.
32. The existing HPSV fittings installed on the poles is to be returned back to the department at the JE(E) store at PTS Malviya Nagar, New Delhi.

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Near Okhla Flyover, New Delhi

Executive Engineer(E)
South Elect. Divn., PWD
Sukhdev Vihar, Mathura Road,
Near Okhla Flyover, New Delhi.

NAME OF WORK :-

Maintenance of Street Lights, High Masts on Delhi PWD Roads under PWD M-South Division during 2019-20. (SH:- Supply installation, testing & Commissioning of street light Poles and LED Fittings at IGNOU Road, New Delhi)

LIST OF PREFERRED MAKES

1	FRLS PVC insulated copper Conductor Wire	FINOLEX/RR Kabel/ Havell's/Polycab
2	Cable Glands & Lugs	DOWELLS/COMET/MCI/HMI/Asian.
3	MCB & MCB DB	SIEMENS /HAGER (L & T)/ LEGRAND/HAVELL'S/ABB
4	MCCB	SIEMENS/Legrand/L&T/HAVELL'S/C&S
5	Steel Conduit / PVC Conduit	NIC/BEC/AKG/RMCON (ISI Marked)
6	Industrial Sockets in sheet steel Enclosure with MCB.	SIEMENS/L&T/Havell's/C&S/Legrand
7	G.I. Pipes / MS Pipes	TATA/Jindal/Prakash Surya (ISI marked).
8	Paint	Nerolac/Asian/Berger.
9	Primer	Nerolac/Asian/Berger,
10	Armoured/Unarmoured XLPE/PVC cable	Skytone/Havells/Grandley /National/Finolex/Polycab (with ISI Marked).
11	Feeder Pillar	Associated Switchgears /Adelec/ Tricolite/ Milestone/ Pristine/ Application Control Panel/ Precision System Control/Power Tech/ System Control
12	GI Pole with foundation bolt	Valmont/Bajaj/BPP/Crompton/Paruthi(PE)
13	150 Watt LED Fitting	Philips Model No - BRP 340 LED 161 CW HO SLC S1 PSU GR/ Havells Model No - ENDURAPULSENSL150WLED757PASBOTG/ Crompton Greaves Model No - LSTN1-150-CDL-A/ Halonix Model No - HLSLD-06-150-CWL-R/ Polycab Model No - PCGLS T1 150
14	DWC HDPE pipe	Duraline/Rex/Tirupati
15	SMC Junction Box	Sintex/Hensel/Standard
16	Earthing Material & Accessories	As per ISI specification & strictly as per CPWD specifications.
17	Other Items	All other items shall be as per approval of Engineer-in-charge,

NB: For any other items, if any, make is to got approved from Engineer-in-Charge or his authorized representative.

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Near Okhla Flyover, New Delhi

Executive Engineer(E)
South Elect. Divn., PWD
Sukhdev Vihar, Mathura Road,
Near Okhla Flyover, New Delhi.

Schedule of work

Name of work :- Maintenance of Street Lights, High Masts on Delhi PWD Roads under PWD M-South Division during 2019-20. (SH:- Supply installation, testing & Commissioning of street light Poles and LED Fittings at IGNOU Road, New Delhi)

S. No.	Description of Item	Qty		Rate	Unit	Amount
1	Supply and erection of flange mounted hot dip Galvanized Octagonal Poles of 8 mtrs. height made from 3 mm thick HT Steel plate, having bottom dia of 150 mm. & top dia of 70 mm. complete with window with flash cover at a height of 0.5 mtrs from the base for cable termination block etc. and galvanized base plate of size 240mm x 240mm x 16mm thick on existing cement concrete pedestal as required i/c supplying and fixing of the following in the window box provided for cable termination:- as and when required due to accident of pole throughout the year at scattered location at various roads. a) Supply & fixing 6 mm thick laminated mounted sheet inside the window mounted on and i/c providing and welding 3 Nos. GI strip 4 mm thick of suitable length and having suitable size tapped holes - 10 Nos as reqd. b) Supply and fixing 63 amps. terminal block suitable for 25 sq. mm conductor- 4 Nos. & shorting links - 5 Nos. on DIN channel i/c pdg. and fixing DIN channel of suitable length - 1 Nos. on the existing laminated sheet. c) Supply & fixing of 6 amp. SP MCB 'C' characteristics Curve - 2 Nos, earth stud - 1 Nos, welded at suitable height two nos washers, springs washers & nuts. d) Cable support clamp suitable for 4 Nos. of 4 x 16 sqmm cable.	3.00	Nos.	12500.00	Each	37500.00
2	Providing and laying in position 1:2:4 reinforced cement concrete foundation of size 600mm (L) X 600mm wide and 1500mm deep i/c excavation of earth/WBM Road/CC Road, providing , cutting, bending and placing in position, reinforcement of cold twisted bars of 12mm dia - 1600mm long (approx)-8 Nos. and reinforcement ring of cold twisted bar of 8mm dia - 2200mm (approx) - 10 nos. (with 150mm spacing) as required with positioning of foundation bolts (as per item below) as shown in the item below and providing 90 mm. (O.D.) DWC, HDPE pipe for cable entry & exit as required.	3.00	Nos.	4152.00	Each	12456.00
3	Supplying and fixing 4 Nos. 20mm dia X 600 mm long GI foundation bolt (EN8 grade) with nuts. washer including 2 Nos. template of 3mm thick size 240 x 240 mm with 4 nos. 20 mm dia holes, to match with PCD of Pole base plate as reqd.	3.00	Nos.	1370.00	Each	4110.00
4	Fabrication, supplying & fixing of Single arm galvanized iron bracket of 1.0 mtr long arm of suitable dia on the existing pole with tightening bolts, drilling holes, welding, clamping etc. as reqd. (As per direction Engineer-in-charge.)	102.00	Nos.	973.00	Each	99246.00

5	Supplying, installation, testing & commissioning of Street light LED fitting made of pressure die cast aluminum housing with high power LED of 150 watt (intergral type) with LED lamp & electronic driver etc operating in the voltage range 140 V to 270 V with IP 66 protection with system Efficacy > 100 Lumen /W, Total Harmonic Distortion >15%, Power Factor> 0.95, CRI > 70%, Color temp in the range 5000K to 6000K, drive Efficacy > 85%, surge protection line to line - 5 KV & line to ground 10 KV, thermal & insect resistance > IK-06 and suitable size reducer and nipple on the existing pole bracket and with the help of reqd. T&P, Tower wagon/Hydra etc complete as reqd.	105.00	Nos.	9040.00	Each	949200.00
6	Supplying and laying of following size DWC HDPE pipe ISI marked along with all accessories like socket, bend, couplers etc. conforming to IS 14930, Part II complete with fitting and cutting, jointing etc..direct in ground (75 cm below ground level) including excavation and refilling the trench but excluding sand cushioning and protective covering etc., complete as required.					
6.1	90 mm dia (OD-90 mm & ID-76 mm nominal)	100.00	Mtrs	148.00	P/Mtr	14800.00
7	Providing, boring and laying HDPE pipe (ISI mark) of 120 mm O.D. confirming to IS: 4984-1995 with pressure rating of 4 Kg/ sq. cm by trenchless technology with no dig method by making bore hole in horizontal direction across the road as per direction of Engineer-in-charge with moiling equipment i/c jointing, cleaning, roading of pipe, providing suitable covers on mouth of pipe, excavation of pits of required size at a depth of 1.30 Mtrs to 2 Mtrs.	180.00	Mtrs.	412.00	P/Mtr	74160.00
8	Supplying & laying of one number 4 x 16 sq.mm XLPE insulated and PVC sheathed Aluminium conductor armoured power cable of 1.1 KV grade in the follwing manner etc as complete reqd. a. In the surface/Pole to pole hanging as required.	2650.00	Mtrs.	153.00	Each	405450.00
9	Supplying & laying of one number 4 x 25 sq.mm XLPE insulated and PVC sheathed power cable of 1.1 KV grade in the follwing manner etc as complete reqd. a. In the existing RCC/ HUME/ METAL pipe as required.	300.00	Mtrs	194.00	P/Mtr	58200.00
10	Earthing with G.I. earth pipe 4.5 meter long, 40 mm dia including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc. with charcoal/coke and salt as required.	30.00	Sets	121.00	P/Set	3630.00
11	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.	300.00	Mtrs	21.00	P/Mtr	6300.00
12	Earthing with G.I. earth pipe 4.5 meter long, 40 mm dia including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc. with charcoal/coke and salt as required.	16.00	Set.	3323.00	P/set	53168.00
13	Supplying, Installation, Testing and commissioning S.M.C junction box 295x195x100 complete with terminal block suitable for 25 sq. mm conductor, SP MCB with 04 Nos. M.S. clamp on the existing pole for street light cable as reqd.	102.00	Nos.	1769.00	Each	180438.00

CORRECTION-----NIL-----
 DELETION-----NIL-----
 INSERTION-----NIL-----

14	Fabrication, supplying and installation of outdoor type Feeder pillar of suitable size not less than 30 cm and upto 45 cm deep made out of M.S. sheet 2mm thick (14 SWG) duly compartmentalized dimension 1600 x 950 mm having 4 strip busbar of 200 Amp capacity double door with 02 No. godown locking arrangement and for protection from rain, dust, duly fixed on MS angle iron frame work of size 50mm x 50mm x 6mm (NS) 90 cm long legs out of which 45 cm duly grouted in cement concrete 1:2:4 (1 cement : 2 sand :4 stone aggregate 20mm) and having following accessories mouted inside the cubical panel i/c connection, inter connection with aluminium thimbles, earthing with two nos. earth struds duly painted with one coat of red oxide & two coats of superior quality enamel paint complete etc. as reqd. The feeder pillar should consist following switch gears and accessories.					
a)	125 A, 36kA, FPMCCB - 1 No (Ics = 100% Icu)					
b)	100 A, 30kA, FPMCCB - 3 No (Ics = 100% Icu)					
c)	Digital Volt Meter (0-500 V) 96 mm. sq. with selector switch - 1 No.					
d)	Digital Ammeter 0-100 Amp. 96 mm. sq. CT operated with selector switch & 3 Nos. 100/5 Amp. ratio CT's 10 VA burden and accuracy of class 1.0 - 1 No					
e)	LED type indicating lamp (RYB) - 3 No					
f)	Power contactor 4 pole 80-100 Amp- 1 No.					
g)	Electronic Timer - 1 No					
h)	Danger notice plate- 2 No					
	(a to h)	2	Nos.	77486.00	Each	154972.00
15	Supplying, fabrication and fixing of wire mesh protection frame work at various locations for Cubical Feeder pillar encloser of required external dimension fabricated with 40 x 40 x 5mm thick angle iron and strip iron of 40 x 5mm thick i/c providing and fixing 3mm thick wire mesh with horizontal spacing 30mm mm vertical spacing 70mm with locking arrangement (with lock of make godrej/link, Harrison 5 levers) & door opening with the help of hinge clamp and is to be grounded in cement concrete foundation (as per direction of Engineer-in-charge) with leg of angle of size 60 x 30 x 3mm and all frame work is to be painted with two or more coats of synthetic enamel paint complete etc. as and when required due to accident of pole thoughtout the year at scattered location at various roads.	20.00	Sq.Mtr	1523.00	P/Sq.Mtr	30460.00
Total						2084090.00

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