

NAME OF WORK :- SITC of energy saving 32 watt LED fitting in various Court rooms, Judges Chamber and ahlmad rooms, Public Toilets, Staircase, Ramps, Admn Block and other area at District Court, Dwarka, New Delhi. (Phase -II). (SH : Balance work of LED light fittings-II).

NIT NO.:- 166/EE (E)/PWD EMD South West/2019-20 2nd Call

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Certified that this NIT Contains 31 pages marked 1 to 31
NIT approved for **Rs. 19,18,508/-**

Assistant Engineer (E) P
PWD EMD South-West

Executive Engineer (E)
PWD EMD South-West

NOTICE INVITING TENDER

N. I. T. No	:	166/EE (E)/PWD EMD South West/2019-20
Name of Work	:	SITC of energy saving 32 watt LED fitting in various Court rooms, Judges Chamber and ahlmad rooms, Public Toilets, Staircase, Ramps, Admn Block and other area at District Court, Dwarka, New Delhi. (Phase -II). (SH : Balance work of LED light fittings-II).
Estimated Cost	:	Rs. 19,18,508/-
Earnest Money	:	Rs. 38,370/-
Security Deposit	:	2.5% of tendered value
Performance Guarantee	:	5% of Tender Amount
Time Allowed	:	60 Days

CERTIFIED THAT THIS NIT CONTAINS 31 PAGES (SERIAL NO 1 TO 31)

NIT Amounting to Rs. 19,18,508/- (Rs. Nineteen lacs eighteen thousand five hundred eight only) is hereby approved.

**Assistant Engineer (E) P
PWD EMD South-West**

**Executive Engineer (E)
PWD EMD South-West**

GOVERNMENT OF NCT, DELHI
PUBLIC WORKS DEPARTMENT
INFORMATION AND INSTRUCTIONS FOR BIDDERS FOR e-TENDERING FORMING PART OF
BID DOCUMENT AND TO BE POSTED ON WEBSITE

The Executive Engineer (E) PWD Elect. Div. South-West, J. B. Tito Marg Andrews Ganj, Near Moolchand Flyover, Opp. Central School, New Delhi Re-invites on behalf of President of India ONLINE PERCENTAGE RATE BID from

- a) CPWD enlisted contractors of appropriate class in composite category OR
- b) those of appropriate list of MES, BSNL, Railway and other state Govt. Departments dealing with buildings who satisfy the criteria of execution for similar works i. e. Three similar works each of value not less than Rs. 7.67 lacs or 2 similar works each of value not less than 11.51 lacs or 1 similar work of value not less than 15.34 lacs of the estimate cost put to bid in the last 7 years ending previous month for the following through e-procurement solution :

The value of executed work 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 of the last date of receipt of application for tender.

Completion certificates of similar works issued by an officer not below the rank of Executive Engineer in case of Govt./ PSU work and Regional Manager/ General Manager in case of Private work.

Similar Work shall mean works of “**Electrical work**”

Joint ventures are not accepted.

NIT No.	Name of work & location	Estimated cost put to Bid	Earnest money	Period of Completion	Last date of submission of bid, EMD, e-tender processing fee and other document as specified	Time and date of opening PQ cum technical bid	Date of opening of Price Bid
1	2	3	4	5	6	7	8
166/EE (E)/PWD EMD South West/ 2019-20	SITC of energy saving 32 watt LED fitting in various Court rooms, Judges Chamber and ahlmad rooms, Public Toilets, Staircase, Ramps, Admn Block and other area at District Court, Dwarka, New Delhi. (Phase -II). (SH : Balance work of LED light fittings-II).	Rs. 19,18,508/-	Rs. 38,370/-	60 Days	20-01-2020 Upto 3.00 PM	20-01-2020 at 3.30 PM	Shall be decided later

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 instruction for bidders posted on website shall form part of bid documents.
3. The Bid documents consisting of plans, specifications, the schedule of quantities of various types of items to be executed and the set of terms and conditions of the contract to be complied with and other necessary documents can be seen and downloaded from website <https://govtprocurement.delhi.gov.in> free of cost at ID No. 2019_PWD_ _1

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 **PWD Delhi** within period of bid submission. **(The EMD document shall only be issued from the place in which the office of receiving division office is situated)** and uploading the mandatory scanned documents such as Demand Draft or Pay order or Banker's Cheque or Deposit at call Receipt or Fixed Deposit Receipts of any Scheduled Bank towards EMD in favour of **Executive Engineer (E) PWD EMD M-152, New Delhi, as mentioned in NIT, receipt for deposition of original EMD to division office of any Executive Engineer, PWD Delhi** and other documents as specified.
5. Those contractors not registered on the website mentioned above, are required to get registered before and if needed they can be imparted training on online bidding process as per details available on the website.
6. The intending bidder must have valid digital signature to submit the bid.
7. On opening date, the contractor can login and see the bid opening process. After opening of bids he will receive the competitor bid sheets.
8. Contractor can upload documents in the form of JPG format and PDF format.
9. Contractor must ensure to quote rate of each item. The column meant for quoting rate in figures appears in pink colour and the moment rate is entered, it turns sky blue. In addition to this, while selecting any of the cells a warning appears that if any cell is left blank the same shall be treated as "0". Therefore, if any cell is left blank and no rate is quoted by the bidder, rate of such item shall be treated as "0" (ZERO).

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

10. SC/ST contractors enlisted under class V category are exempted from processing fee payable to ITI.
11. **List of Documents to be scanned and uploaded within the period of bid submission failing which the bids shall be rejected :**
 - i) Treasury Challan/Demand Draft/Pay order or Banker's Cheque /Deposit at Call Receipt / Fixed Deposit receipt of any Scheduled Bank against EMD.
 - ii) Enlistment order of contractor in CPWD.
 - iii) Completion certificate of eligible similar nature of works completed during the last 7 years ending previous month **for contractors not registered in CPWD.**
 - iv) Certificate of Registration for GST alongwith upto date filed return. If the bidder has not obtained GST registration in the state in which the work is to be taken up, then in such a case the bidder shall upload following undertaking with the bid document "If work is awarded to me, I/we shall obtain GST registration certificate within one month from date of receipt of award letter or before payment of 1st R.A. bill.
 - v) Copy of receipt for deposition of original EMD issued from division office of any Executive Engineer, PWD Delhi (The EMD document shall be issued from the place in which the office of receiving division office is situated.)
 - vi) Valid Electrical License issued by competent authority.

Note : Sr. No. iii not applicable for CPWD enlisted contractors of appropriate class in composite category.

कार्यपालक अभियंता (वै)
लो नि वि वै अनु मं द प

**लोक निर्माण विभाग
वैधुत अनुरक्षण मंडल, दक्षिण-पश्चिम**

सं० 54 (ए-1)/लो० नि० वि० वै अनु मं० द०प०/

दिनांक

प्रतिलिपि :-

1. अधीक्षण अभियंता लो०नि०वि०परि० (दक्षिण-पश्चिम) बी-6, एन०सी०सी० भवन, सफदरजंग एन्क्लेव नई दिल्ली ।
- 2-4. सहायक अभियंता (वै)/ उम-1, 2 व 3 लो० नि० वि० वै० अनु० मं० द०प०/एम-1523, 1522 व 1521 नई दिल्ली ।
5. नक्शा शाखा/ लो० नि० वि० वै० अनु० मं० द०प० नई दिल्ली ।
6. रोकड़िया/ लो० नि० वि० वै० अनु० मं० द०प० नई दिल्ली ।
7. सूचना पट्ट लो० नि० वि० वै० अनु० मं० द०प० नई दिल्ली ।
8. करार के लिए

कार्यपालक अभियंता (वै)

CPWD-6 FOR E-TENDERING

1. Percentage rate bids are invited on behalf of President of India from approved and eligible contractors of CPWD of appropriate class in composite category and those of appropriate list of MES, BSNL, Railway and other state Govt. Departments who satisfy the laid down criteria as per NIT dealing with building for the work of **SITC of energy saving 32 watt LED fitting in various Court rooms, Judges Chamber and ahlmad rooms, Public Toilets, Staircase, Ramps, Admn Block and other area at District Court, Dwarka, New Delhi. (Phase -II). (SH : Balance work of LED light fittings-II).**

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

- 1.1 The work is estimated to Cost **Rs. 19,18,508/-/-** This estimate however is merely as a rough guide.
- 1.2 Intending bidders is eligible to submit the bid provided he has definite proof from the appropriate authority, which shall be to the satisfaction of the competent authority, of having satisfactorily completed similar works of magnitude specified below:-

Criteria for eligibility for submission of bid documents

- 1.2.1 Condition for Non-CPWD contractors only, if bids are also open to non-CPWD contractors.

- i) Three similar works each costing not less than **Rs. 7.67 lacs**
OR
- ii) Two similar works each costing not less than **Rs. 11.51 lacs**
OR
- iii) One similar work costing not less than **Rs. 15.34 lacs**

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

To become eligible for issue of bid, the bidders shall have to furnish an affidavit on stamp paper 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 tendering in CPWD and PWD 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).

2. Agreement shall be drawn with the successful bidders on prescribed Form No. PWD 7/8 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 **60 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 on website <https://delhi.govtprocurement.com> 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 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-152, New Delhi** shall be scanned and uploaded to the e-tendering website within the period of bid submission. The original EMD should be deposited either in the office of Executive Engineer inviting bids or division office of any Executive Engineer, PWD 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 prescribed format (enclosed) uploaded by tender inviting EE in the NIT.

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

A part of earnest money is acceptable in the form of bank guarantee also. In such case, 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 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 with physical EMD of the scanned copy of EMD uploaded 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 and other documents scanned and uploaded are found in order.

The bid submitted shall be opened at 03.30 PM on

10. The bid submitted shall become invalid if:
 - (i) The bidder is found ineligible.
 - (ii) The bidder does not deposit original EMD with division office of any Executive Engineer PWD (The EMD document 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 receipt of 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 bid opening authority.
 - (v) If a tenderer quotes nil rates against each item in item rate tender or does not quote any percentage above/below on the total amount of the tender or any section/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 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. 10000/-) or Deposit at Call receipt of any scheduled bank/Banker's cheque of any scheduled bank/Demand Draft of any scheduled bank/Pay order of any Scheduled Bank of any scheduled bank (in case guarantee amount is less than Rs. 1,00,000/-) or Government Securities or Fixed Deposit Receipts or Guarantee Bonds of any Scheduled Bank or the State Bank of India in accordance with the prescribed form. In case the contractor fails to deposit the said performance guarantee within the period as indicated in Schedule 'F'. including the extended period if any, the Earnest Money deposited by the contractor shall be forfeited automatically without any notice to the contractor.
 The contractor whose bid is accepted will also be required to furnish either copy of applicable licenses/registrations or proof of applying for obtaining labour licenses, registration with EPFO, ESIC and BOCW Welfare Board including provident fund code No. if applicable and also ensure the compliance of aforesaid provisions by the sub contractors, if any engaged by the contractor for the said work and programme chart (Time and Progress) within the period specified in Schedule F.
12. The description of the work is as follows:
 Intending bidders are advised to inspect and examine the site and its surroundings and satisfy themselves before submitting their 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 bidders implies that he has read this notice and all other contract documents and has made himself aware of the scope and specifications of the work to be done and of conditions and rates at which stores, tools and plant, etc. will be issued to him by the Government and local conditions and other factors having a bearing on the execution of the work.

13. The competent authority on behalf of the President of India does not bind itself to accept the lowest or any other tender and reserves to itself the authority to reject any or all the tenders received without the assignment of any reason. All tenders in which any of the prescribed condition is not fulfilled or any condition including that of conditional rebate is put forth by the 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 bid for works in the PWD 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 bids for the works shall remain open for acceptance for a period of **Thirty (30)** days from the date of opening of tenders. if any tenderer withdraws his tender before the said period or issue of letter of acceptance, whichever is earlier, or makes any modifications in the terms and conditions of the tender 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 tenderer shall not be allowed to participate in the retendering process of the work.
19. This Notice Inviting of bid 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:-

- a) The notice inviting bid, 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.
 - b) Standard CPWD Form 7 or other standard CPWD Form as mentioned.
20. The tender form and other details can be obtained from the website <https://govtprocurement.delhi.gov.in> ID No.

Executive Engineer (E)
PWD EMD South-West

**GOVERNMENT OF INDIA
CENTRAL PUBLIC WORKS DEPARTMENT**

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

CIRCLE: - South-West
DIVISION: Elect. Div. South-West
SUB-DIVISION- I

PERCENTAGE RATE TENDER / ~~ITEM RATE TENDER~~ & CONTRACT FOR WORKS

(A) Tender for the work of

SITC of energy saving 32 watt LED fitting in various Court rooms, Judges Chamber and ahlmad rooms, Public Toilets, Staircase, Ramps, Admn Block and other area at District Court, Dwarka, New Delhi. (Phase -II). (SH : Balance work of LED light fittings-II).

- (i) To be submitted by (time) 3.00 PM hours on (date) to
Executive Engineer (E) PWD Elect. Div. South-West
- ii) To be opened in presence of tenderers who may be present at 3.30 PM hours on in
the office of Executive Engineer (E) PWD Elect. Div. South-West

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

Signature of officer issuing the documents Executive Engineer (E) PWD Elect. Div. South-West,
Andrews Ganj, 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 **Thirty (30)** days from the due date of opening of technical 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. 38,370/-** has been deposited in the form of Treasury Challan or Demand Draft or Pay Order or Banker's Che.que 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)**
PWD Elect. Div. South-West,
Andrews Ganj 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
Nil				

SCHEDULE 'C'

Tools and Plants to be hired to the contractor

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

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 and modified upto last date of receipt of bids

Name of Work : SITC of energy saving 32 watt LED fitting in various Court rooms, Judges Chamber and ahlmad rooms, Public Toilets, Staircase, Ramps, Admn Block and other area at District Court, Dwarka, New Delhi. (Phase -II). (SH : Balance work of LED light fittings-II).

- | | | | |
|------|-----------------------|---|--|
| i) | Estimate cost of Work | : | Rs. 19,18,508/- |
| ii) | Earnest Money | : | Rs. 38,370/- (to be returned after receiving performance guarantee) |
| iii) | Performance Guarantee | : | 5% of tendered value |
| iv) | Security Deposit | : | 2.5% of tendered value |

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

Officer Inviting Tender

**Executive Engineer (E) /
PWD Elect. Div. South-West
J. B. Tito Marg, Andrews Ganj
New Delhi - 110049**

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)
PWD Elect. Div. South-West
J. B. Tito Marg, Andrews Ganj
New Delhi - 110049**

2(ii) Accepting Authority

**Executive Engineer (E)
PWD Elect. Div. South-West
J. B. Tito Marg, Andrews Ganj
New Delhi - 110049**

2(iii) Percentage on cost of materials and labour to cover all overheads and profits.

15%

2(iv) Standard Schedule of Rates

DSR (E) – 2016/Market Rate

2(v) Department

PWD (NCTD)

9(vi) Standard CPWD contract Form

CPWD form 7, as modified & corrected upto last date of receipt of bids

के. लो. नि. वि.	इंजीनियरी उत्कृष्टता के 165 वर्ष	CPWD
-----------------	----------------------------------	------

Clause 1

- | | | |
|-----|---|--|
| i) | Time allowed for submission of Performance Guarantee from the date of issue of tender of acceptance, in days | Time allowed for submission of Performance Guarantee, Programme Chart - 7 Days |
| ii) | 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

Authority for fixing compensation under clause 2.

**Superintending Engineer
PWD Circle. South-West**

Clause 2A

Whether Clause 2A shall be applicable

Not applicable

Clause 5

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

10 Days

Clause 5.1 (i)

Table of Mile Stone (s)

SN	Description of Milestone (Physical)	Time Allowed in days (from date of start)	Amount to be with-held in case of non achievement of milestone
1.	N.A.		

Schedule of handing over of sites

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	----	Full site is available hindrance free
Part-B	Portions with encumbrances	----	----
Part-C	Portions dependent on work of other agencies	----	----

Schedule of issue of Designs

Part	Portion of Design	Description	Time period for issue of design reckoned from date of issue of tenders.
Part-A	----	----	-----
Part-B	----	----	----
Part-C	----	----	-----

Proforma of Schedules**Clause 5.1 (iv)****Schedule of rate of recovery for delay in submission of the modified programme in terms of delay**

S.No.	Contract Value	Recovery Rs.
i.	Less than or equal to Rs.1 Crore	500
ii.	More than Rs.1 Crore but less than or equal to Rs.5 Crore	1000
iii.	More than Rs.5 Crore but less than or equal to Rs.20 Crore	2500
iv.	More than Rs.20 Crore	5000

Clause 5.2 Nature of hindrance

Physical

Time allowed for execution of work : **60 Days.**

Authority to decide :.

- i Extension of time : Executive Engineer (E) PWD EMD South West, J. B. Tito Marg, Andrews Ganj, New Delhi.
- ii Rescheduling of mile stones : Superintending Engineer PWD Circle South West, NCC Bldg. Safdarjang Enclave, New Delhi.
- iii Shifting of date of start in case of delay in handing over of site : Executive Engineer (E) PWD EMD South West, J. B. Tito Marg, Andrews Ganj, New Delhi.

Clause 6, 6A

Clause applicable – (6 or 6A) : 6 A

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. 4.80 lacs

Clause 7A

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

Clause 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 No

Clause 10C

Component of labour expressed as percent of value of work N. A.

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

Attached in the bid documents and CPWD **General Specification for EI works 2013 (Part-I Internal) and 1994 (Part-II External) with up to date amendment.**

Clause 12

Type of work

Maintenance

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

50% 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
PWD Circle. South-West****Clause-18**

List of mandatory M/c, tools

T&P as required for completion of work.

Clause-25

Constitution of Dispute Redressal Committee (DRC) :

a) For total claims more than 25 lakh.

Chairman : Chief Engineer, PWD (GNCTD) North Zone
 Member : Director (Works) PWD
 Member : Superintending Engineer, PWD Circle South
 : Superintending Engineer incharge of works shall present the case before DRC.

b) For total claims upto Rs. 25.00 lakh.

Chairman : Director (Works) PWD
 Member : Executive Engineer (E) PWD EMD South East
 Member : Executive Engineer (P) PWD, South West Circle
 : Concerned Executive Engineer incharge of works shall present the case before DRC

Place of arbitration : Delhi

के. लो. नि. वि.	इंजीनियरी उत्कृष्टता के 165 वर्ष	CPWD
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Clause 36 (i)

Sl No	Minimum Qualification of Technical Representative	Number of Major + Minor component	Minimum Experience	Designation Technical Staff	Rate at which recovery shall be made from the contractor in the event of not fulfilling
1	Graduate Engineer or Diploma Engineer	1 of Major component	2 or 5 respectively	Project Manager cum planning/ quality/Site/ billing Engineer	15000/- per month per person

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.

DSR (E) 2016 & Market Rate

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		

Assistant Engineer (E) P
PWD Elect. Div. South-West

Executive Engineer (E)
PWD Elect. Div. South-West,

Receipt of deposition of original EMD

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

1. **Name of work** : **SITC of energy saving 32 watt LED fitting in various Court rooms, Judges Chamber and ahlmad rooms, Public Toilets, Staircase, Ramps, Admn Block and other area at District Court, Dwarka, New Delhi. (Phase -II). (SH : Balance work of LED light fittings-II).**
2. **NIT No.** : **166/EE (E)/PWD EMD South West/2019-20**
3. **Estimated Cost** : **Rs. 19,18,508/-**
4. **Amount of Earnest Money deposit** : **Rs. 38,370/-**
5. **Late date of submission of bid** : **20-01-2020**
6. **ID No.** : **2019_PWD_**

1. **Name of contractor** :
2. **Mobile Number** :
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)/ AAO) alongwith office stamp

FORM OF EARNEST MONEY (BANK GUARANTEE)

WHEREAS, Contractor (name of contractor) *hereinafter called “the contractor”) has submitted his tender dated..... (date) for the construction of(name of work) (hereinafter called “the tender”)

KNOW ALL PEOPLE by these presents that we..... (Name of bank) having our registered office..... (hereinafter called “the bank”) are bound unto..... (Name and division of Executive Engineer) (hereinafter called “the Engineer-in-charge”) in the sum of Rs..... (Rs. In words.....) for which payment well and truly to be made to the said Engineer-in-charge the Bank Binds itself, his successors and assigns by these presents.

SEALED with the Common Seal of the said Bank this..... Day of.....

THE CONDITIONS of this obligation are :

1. If after tender opening the contractor withdraws, his tender during the period of validity of tender (including extended validity of tender) specified in the Form of Tender;
 - (a) If the contractor having been notified of the acceptance of his tender by the Engineer-in-charge:
2. Fails or refuses to execute the Form of Agreement in accordance with the instructions to contractor, if required; OR
 - (a) fails or refuses to furnish the performance Guarantee, in accordance with the provisions of tender document and instructions to contractors,

We undertake to pay to the Engineer-in-charge upto the above amount upon receipt of his first written demand, without the Engineer-in-charge having to substantiate his demand, provided that in his demand the Engineer-in-charge will note that the amount claimed by him is due to him owing to the occurrence of one or any of the above conditions, specifying the occurred condition or conditions.

This Guarantee will remain in force upto and including the date*..... After the deadline for submission of tender as such deadline is stated in the instructions to contractor or as it may be extended by the Engineer-in-charge, notice of which extension(s) to the Bank is hereby waived. Any demand in respect of this Guarantee should reach the Bank not later than the above date.

Date

Signature of the Bank

Witness.....

SEAL

(Signature, name and address)

*Date to be worked out on the basis of validity period of 6 months from last date of receipt of tender

General 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.) 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. 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.
5. Persons employed for execution of electrical work should have electrical license as required under I.E. Act.
6. Department shall not be responsible for any injury partial or permanent or death of any worker at site due to accident or manufacturing of the equipment or by negligence of the staff.
7. First aid box shall be kept by the contractor at site of work. No extra payment shall be made on this account.
8. The earthing shall invariably be done in presence of the AE/ JE incharge of the work.
9. Supply items to be got approved from Engineer-in-Charge in Advance, otherwise no payment shall be released.
10. The firm shall furnish certificate/ undertaking from the labour employed by him that he will not claim security of job from the department at any stage of time.
11. 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.
12. 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.
13. The list of approved makes for the materials to be used at site for execution of work is attached.
14. All screws/ nuts bolts should be galvanized/ cadmium plated/ passivatee only as the case may be.
15. Contractor will have to abide by the instructions contained in CPWD Manual Volume-II (upto date) applicable to him.
16. The inventory of executed work has to be verified by the committee of representative of client department., agencies and PWD and above verified inventories has to handed over to client department. One copy of inventory shall be kept in record of PWD. Photocopy of inventory shall be enclosed with final bill of the work before passing the final bill.
17. The firm has to make minimum wages to its employees as per Delhi Administration Minimum Wages Act. The staff deployed by the contractor shall be purely contractor labour. Staff deployed shall not claim for any govt. job or compensation from the department
18. 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.

19. Rates quoted shall be inclusive of GST, Bonus if applicable etc. and nothing extra shall be paid by the department on these account.
20. All material (except LED fitting) shall be guaranteed for 12 months from the date of completion of work in all respect and handed over to department / client. The agency shall maintain all installation comprehensively during guarantee period. If agency fails to do so, department shall get work done and expenditure occurred shall be recovered from the dues of agency whatever towards department and any other ways as deemed fit.
21. Payment Terms : -
 - a) 70% of Agreement Rate against supply of material in good condition.
 - b) 20% of Agreement Rate after installation.
 - c) 10% of Agreement Rate on successful testing & commissioning and handing over to client
23. The Contractor shall give five years warranty / guarantee of the LED fittings with driver 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 LED fittings stating that material supplied shall stand warrantee against manufacture defects for the period of five years by the officer not below the rank of Regional Manager of the OEM of the product. The LED fittings should comply with LM79 & LM 80 report.
24. 50% of Performance Guarantee shall be refunded to the contractor soon after the completion of work and recording of completion certificate.
25. 50% of Performance Guarantee shall be retained as Security Deposit.
26. 50% of Performance Guarantee retained as security deposit plus 2.5% security deposit already deducted from running bills (Total 2.5% + 2.5% = 5%) shall be refunded year wise proportionately as follows :

i)	On completion of 1 st year	}	=	1%
ii)	On completion of 2 nd year		=	1%
iii)	On completion of 3 rd year		=	1%
iv)	On completion of 4 th year		=	1%
v)	On completion of 5 th year		=	1%

after accord of completion
27. Defective LED luminaries within 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.
28. The LED outdoor fittings shall have :
 - a) Heat resistance UV stabilized toughened glass cover with frame
 - b) IP 66 protection for street light and IP 65 for flood lights
 - c) High bright white power LED with LM 80 test report.
 - d) Colour rendering index (CRI) >70%
 - e) Colour temp. of luminaries shall be 3000°K.
 - f) LM-79 test report of fittings.
 - g) Power factor >0.95
 - h) System Efficiency > 110 Lumen / Watt
 - i) Operating Voltage 140 Volt to 270 Volt.
 - j) Total Harmonic distortion < 15%
 - k) LED drive current 350 MA to 1000 MA
 - l) LED drive Efficiency >85%
 - m) Housing: - Pressure Aluminum dia cast (Thermal and impact resistance ≥ IK-05

- n) Safety: As per IEC 60598/IS 10322
- o) Front cover: - It should be equipped with distortion free clear heat resistance toughened UV stabilized glass / poly carbonate cover in the front.
- p) Driver specifications: - 140-270 V universal Electronic driver.
- q) Operating temperature: - 10°C to 50°C
- r) Optics: - PMMA lens for uniform distortion.
- s) Surge Protection – > 10 KV (Internal & External)

Assistant Engineer (E) P
PWD Elect. Div. South-West

Executive Engineer (E)
PWD Elect. Div. South-West

LIST OF ACCEPTABLE MAKES OF ELECTRICAL MATERIAL

SN	MATERIAL	ACCEPTABLE MAKE
1.	M.S. Conduit Pipe (ISI Marked-ERW)& its accessories	: BEC/AKG/NIC (ISI marked)
2.	PVC insulated copper FRLS conductor wires Submersible cable (ISI marked)	: Finolex/ Polycab /Havells / L&T/KEI
3.	Armoured Cable (Aluminium)	: Polycab / Finolex/ Gloster/ National/ Havells/ KEI/ Rallison
4.	Lugs/Ferrules	: Dowells/Jainson.
5.	Brass compression gland (Heavy duty)	: Commex/Gripwell/Hansel.
6.	MCB/MCB DB /TPN DB/ Isolator	: Legrand/ABB/Siemens/Schneider/L&T/C&S
7.	MCCB (ICS = 100% ICU)	: Legrand/ABB/Siemens/Schneider/L&T/C&S
8.	DWC/HDPE Pipe	: REX/Duraline/Gemini pipe
9.	GI Pipe	: TT Swastik/ Jindal/ Prakash Surya
10.	Modular type switch & Accessories (ISI Marked)	: Legrand Mosaic/ Crabtree/ North West.
11.	Phenolic laminated sheet (white colour)	: Hylem/Formica
12.	LED fittings	: Havells/ Phillips// Wipro/ Halonix
13.	Pole Box/Door box	: Syntex/ Standard/ Hansel/Stanlec
14.	Digital Ammeter /Volt meter / Indicating Lamp	: AE / L&T Salzer/ L&T/ Kappa/ Kaycee/ BCH/ C&S/ Siemens /HPL
15.	Any other item	: Approved by the Engineer-in-charge

Assistant Engineer (E) P
PWD Elect. Div. South-West

Executive Engineer (E)
PWD Elect. Div. South-West

SCHEDULE OF WORK

Name of work :- SITC of energy saving 32 watt LED fitting in various Court rooms, Judges Chamber and ahlmad rooms, Public Toilets, Staircase, Ramps, Admn Block and other area at District Court, Dwarka, New Delhi. (Phase -II). (SH : Balance work of LED light fittings-II).

S.No	Description of work	Qty.		Rate	Unit	Amount
1	SITC of surface mounting 4' x 1' white powder coated CRCA housing LED fitting 36-40 watt having minimum 100 lumen /watt or higher and colour temperature of 5500 to 6000 k and CRI of >80, and having power factor >0.95, THD <10% and input voltage range of 150-270 volts. single phase supply i/c fixing on the surface with suitable size screws & fasteners i/c connections i/c dismantling and credit of old 2x 36 / 2 x 28 watt existing fittings (As is where is basis) etc. complete as reqd.	250	Nos	2502.00	Each	625500.00
2	SITC of Recess mounting 4' x 1' white powder coated CRCA housing LED fitting 36-40 watt having minimum 100 lumen /watt or higher and colour temperature of 5500 to 6000 k and CRI of >80, and having power factor >0.95, THD <10% and input voltage range of 150-270 volts. single phase supply i/c fixing on the surface with suitable size screws & fasteners i/c connections i/c dismantling and credit of old 2x 36 / 2x 28 watt existing fittings (As is where is basis) etc. complete as reqd.	150	Nos	2383.00	Each	357450.00
3	SITC of 20-22 watt surface mounted self Ballasted LED Batten with Aluminium body with PC diffuser with 20-22 watt LED tube light having 100 lumens/watt and colour temperature of 5500-6500 kelvin and CRI of >80 and having power factor of >0.95, THD <10% i/c fixing on the surface with the help of suitable size of screw and fasteners i/c connections i/c dismantling and credit of old 1x28 /1x36 watt existing fittings (As is where is basis) etc. complete as reqd.	350	Nos	412.00	Each	144200.00

4	SITC of 15-18 watt recess type round downlighter having pressure die casted housing having a system efficiency of minimum 100 lumen /watt and colour temperature of 5500-6500 k and CRI of >80 and having a life of 50000 burning hours. with a driver having power factor of >0.9 and efficiency of >85% , having a operating range of 140-270v single phase supply i/c making necessary arrangement for fixing the fittings in the existing opening by GI frame works i/c connections i/c dismantling and credit of old 2x18 watt existing fittings (As is where is basis) etc. complete as reqd.	250	Nos	871.00	Each	217750.00
5	SITC of 18-20 watt surface mounted Square LED Downlighter fittings having minimum system efficacy of 100 lumens/watt and colour temperature of 5500-6500 kelvin and CRI of >80 and having a life of 50000 burning hours driver having power factor of >0.95 and efficiency of >85% input voltage range of 150-270 volts. single phase supply i/c fixing on the surface with the help of suitable size of screw and fastners i/c connections i/c dismantling and credit of old 1x11/ 2x11 watt existing fittings (As is where is basis) etc. complete as reqd.	350	Nos	1092.00	Each	382200.00
6	SITC of 10-12 watt Recess Square Downlighter LED Fittings having a system efficiency of minimum 100 lumen /watt and colour temperature of 5500-6500 k and CRI of >80 and having a life of 50000 burning hours. with a driver having power factor of >0.9 and efficiency of >85% , having a operating range of 140-270v single phase supply i/c making opening in the existing Lift car by cutting SS sheet for fixing the fittings i/c connections with 3x1.5 Sq mm copper conductor cable of reqd. length i/c dismantling and credit of old 36 watt CFL fittings (As is where is basis) etc. complete as reqd.Note-These fittings will be installed the existing lift car by cutting the suitable size opening in SS sheet . Nothing shall be paid on the ground of installation of fittings in the lift car.	72	Nos	861.00	Each	61992.00

7	SITC of surface mounting 2' x 2' white powder coated CRCA housing LED fitting 48-50 watt having minimum 100 lumen /watt or higher and colour temperature of 5500 to 6000 k and CRI of >80, and having power factor >0.95, THD <10% and input voltage range of 150-270 volts. single phase supply i/c fixing on the surface with suitable size screws & fasteners i/c connections i/c dismantling and credit of old 3x36 watt existing fittings (As is where is basis) etc. complete as reqd. Note- These fittings will be installed at the height of minimum 10 mtrs on the roof of the floor . Nothing shall be paid on the ground of installation of these fittings .	24	Nos	3309.00	Each	79416.00
8	supplying and fixing of 5 mm thick phenolic laminated sheet for fixing of 15-18 watt recess type round downlighter in place of 2 x 11 watt recess type fittings fixing by providing minimum 8 nos machine screws at each fittings with nut bolt & washer etc complete as reqd .	50000	sq. inch	1.00	Sq. Inch	50000.00
				Total		1918508.00

Assistant Engineer (E) P
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PWD Elect. Div. South-West