



NOTICE INVITING TENDER

For General Work

(E – TENDERING MODE)

Item rate tenders are invited on behalf of Delhi Development Authority from approved and eligible contractors of DDA & CPWD and those of enlisted contractors of appropriate class of MES, BSNL, Railway (strike out as the case may be) dealing with E/M works for the following work :-

Name of Work	:	M/O Complete Scheme of Nazul A/C-II, SWZ.
SH	:	Supplying & installation of path lighting at Mohan Mandir Park, Hari Nagar.

- 1 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.
- 2 The work is estimated to cost **Rs.4, 96,218/-** This estimate, however, is given merely as rough guide.
- 3 Intending tenderer 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.
- 4 Agreement shall be drawn with successful tenderer on prescribed form attached. Tenderer shall quote his rates as per various terms and conditions of the said form which will form part of the agreement.
- 5 The time allowed for carrying out the work will be **45 days** from the date of start as defined in Schedule F or from the first date of handing over the site, Which ever is later, in accordance with the phasing, if any, indicated in the tender documents.
- 6 The site for the work is available or as specified in the additional conditions attached.

7 The tender document consisting of specifications, the schedule of quantities of various types of items to be executed and the set of terms and conditions of the contract to be complied with and other necessary documents except standard general conditions of contract form can be seen from website www.tenderwizard.com/DDA or www.dda.org.in.

8 Earnest money and cost of tender shall be deposited through RTGS/NEFT in the account of **Sr. A.O., CAU (Dwarka) DDA** having account no. **1290300366** with **Central Bank Of India, Manglapuri, New Delhi** branch (IFSC code **CBIN0283498**). The unique transaction reference of RTGS/NEFT shall have to be uploaded by the tenderer in the e-tendering system by the prescribed date. The Executive Engineer concerned will get tender cost/earnest money verified from CAU based on the unique transaction reference number against from each RTGS/NEFT payment before the tenders are opened.

A Part of earnest money is acceptance in the form of bank guarantee also. Earnest Money up to Rs. 20.00 lacs will have to be deposited through RTGS/NEFT mode. If the amount of E.M. is more than Rs. 20.00 lacs then the amount of E.M. beyond Rs. 20.00 lacs can be deposited in the form of Bank Guarantee also. Such Bank guarantee is to be scanned and uploaded to the e-tendering website within the period of tender submission.

- Earnest money and cost of tender have to be deposited through separate transactions.
- (i) Cost of Tender Document: **Rs.500.00 + DVAT @ 5%** (to be deposited through RTGS/NEFT in the account of the Sr. A.O. (CAU) of Dwarka.
- (ii) E-Tendering Processing Fee: **Rs.562.00** (to be deposited through E-Mode of ITI Limited in favour of M/s ITI Limited payable at Delhi).

The unique transaction reference of RTGS/NEFT against EMD, Cost of Tender Document and Bank Guarantee shall be placed in single sealed envelope superscripted as “Earnest Money, Cost of Tender Documents” with name of work and due date of opening of the bid mentioned thereon and will submit to tender opening Authority by 14.03.13.

9 Copy of Enlistment Order and other documents as specified in the press notice shall be scanned and uploaded to the e-tendering website within the period of tender

submission and certified copy of each shall be deposited in a separate envelope marked as **"Other Documents"**.

10 Both the envelopes shall be placed in another envelope with due mention of Name of work, date & time of opening of tenders and to be submitted in the office of Executive Engineer during the period mentioned above.

11 Online tender documents submitted by intending bidders shall be opened only of those bidders, whose Earnest Money Deposit, Cost of Tender Document and e-Tender Processing Fee and other documents placed in the envelope are found in order.

The bid submitted shall be opened at 03:30 pm on 18.02.2013

12 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.

13 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 charges 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 document. Submission of a tender by 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.

- 14 The competent authority on behalf of DDA 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 assigning 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
- 15 Canvassing whether directly or indirectly, in connection with tenders is strictly prohibited and the tenders submitted by the contractors who resort to canvassing will be liable for rejection.
- 16 The competent authority on behalf of DDA 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.
- 17 The contractor shall not be permitted to tender for works in the DDA Circle (Division in case of contractors of Horticulture/Nursery category) responsible for award and execution of contracts in which his near relative is posted as 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 of any Gazetted officer in DDA or in the Ministry of Urban development. Any breach of this condition by the contractor would render him liable to be removed from approved list of contractors of this department.
- 18 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 the 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 anytime to be such a person who had not obtained the permission of the DDA as aforesaid before submission of the tender or engagement in the contractor's service.
- 19 The tender for the work shall remain open for acceptance for a period of ninety (90) days from the date of opening of tender/ninety days from the date of opening of financial bid(strike out as the case may be). 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 tender which are not acceptable to the department, then the DDA 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 re tendering process of the work.

20 This 'Notice Inviting Tender' shall form part of the contract document. The successful tenderer/contractor on acceptance of his tender by the Accepting Authority, shall, within 15 days from the stipulated date of start of the work, sign the contract consisting of :-

a) The Notice inviting tender, all the documents including additional 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.

b) Standard NIT Form 8 or other Standard DDA Form as mentioned.

21 In case any discrepancy is noticed between the document as uploaded at the time of submission of the bid online and hard copies as submitted physically in the office of Executive Engineer, then the bid submitted shall become invalid and 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.

ITEM RATE TENDER AND CONTRACT FORM

(for general works)

Name of Work	:	M/O Complete Scheme of Nazul A/C-II, SWZ.
SH	:	Supplying & installation of path lighting at Mohan Mandir Park, Hari Nagar.

- i) To be submitted through E-Tendering up to 3.00 pm on 13.03.2013 to Executive Engineer, Electrical Division No.-12
- ii) To be opened through E-Tendering at 3.30 pm on 19.03.2013 by the Executive Engineer, Electrical Division No.-12

T E N D E R

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

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

We agree to keep the tender open for ninety (90) days from the date of opening of financial bid and not to make any modifications in its terms & conditions.

A sum of **Rs.9, 924/-** deposited in the account of Sr.A.O, CAU(Dwarka) DDA is hereby forwarded in form of UTR of RTGS / NEFT /Bank Guarantee beyond 20 Lacs issued by a scheduled bank as earnest money. If I/we, fail to furnish the prescribed performance guarantee within prescribed period, I/We agree that the said DDA 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 DDA or its successors in office shall without prejudice to any other right or remedy available in law, be at liberty to forfeit the said earnest money and the performance guarantee absolutely, otherwise the said earnest money shall be retained by him towards security deposit to execute all the works referred to in the tender documents upon the terms and conditions contained or referred to therein and to carry out such deviations as may be ordered, up to maximum of the

percentage mentioned in Schedule 'F' and 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 both Earnest Money & Performance Guarantee as aforesaid, I/We shall be debarred for participation in the re tendering process of the work.

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

Signature of witness

Signature of contactor

Name:

Name:

Address:

Address:

Occupation:

A C C E P T A N C E

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

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

- i)
- ii)
- iii)

For & on behalf of Delhi Development Authority

Signature _____

Designation: Executive Engineer

Electrical Division No.-12

GENERAL RULES AND DIRECTIONS

1. All work proposed for execution by contract will be notified in a form of invitation to tender pasted in public places & signed by the officer inviting tender or by publication in News paper as the case may be.

This form will state the work to be carried out, as well as the date for submitting and opening tenders and the time allowed for carrying out the work, also the amount of earnest money to be deposited along with tender, the Performance Guarantee to be deposited by the successful agency / contractor and the amount of security deposit to be deducted from bills. Copies of the specifications, designs and drawings and any other documents required in connection with the work signed for the purpose of identification by the officer inviting tender shall also be open for inspection by the contractor at the office of officer inviting tender during office hours.

2. In the event of the tender being submitted by a firm, it must be signed separately by each partner thereof or in the event of the absence of any partner, it must be signed on his behalf by a person holding a power of attorney authorizing him to do so, such power of attorney to be produced with the tender, and it must disclose that the firm is duly registered under the Indian Partnership Act, 1952.
3. Receipts for payment made on account of work, when executed by a firm, must also be signed by all the partners, except where contractors are described in their tender as a firm, in which case the receipts must be signed in the name of the firm by one of the partners, or by some other person having due authority to give effectual receipts for the firm.
4. Any person who submits a tender shall fill up the Schedule of Quantities, stating at what rate he is willing to undertake each item of the work. Tenders, which propose any alteration in the work specified in the said form of invitation to tender, or in the time allowed for carrying out the work, or which contain any other conditions of any sort, including conditional rebates, will be summarily rejected. No single tender shall

include more than one work, but contractors who wish to tender for two or more works shall submit separate tender for each. Tender shall have the name and number of the works which they refer, written on the envelopes.

5. The officer inviting tender or his duly authorized representatives will open tenders and will enter the amounts of the several tenders in a comparative statement in a suitable form. In the event of a tender being accepted, a receipt for the earnest money shall be thereupon be given to the contractor who shall thereupon for the purpose of identification of copies of the specifications and other documents mentioned in Rule-1 In the event of a tender being rejected, the earnest money shall thereupon be returned to the contractor remitting the same, without any interest.
6. The officer inviting tenders shall have the right of rejecting all or any of the tenders and will not be bound to accept the lowest or any other tender.
7. The receipt of an accountant or clerk for any money paid by the contractor will not be considered as any acknowledgement or payment to the officer inviting tender and the contractor shall be responsible for seeing that he procures a receipt signed by the officer inviting tender or a duly authorized Cashier.
8. The memorandum of work tendered for and the schedule of materials to be supplied by the department and their issue-rates, shall be filled and completed in the office of the officer inviting tender before the tender form is uploaded. If a form is uploaded on website without having been so filled in and incomplete, he shall request the officer to have this done before he completes his tender.
9. The tenderers shall sign a declaration under the officials Secret Act 1923, for maintaining secrecy of the tender documents, drawings or other records connected with the work given to them. The unsuccessful tenderer(s) shall return all the drawings given to them.
10. In the Item Rate Tenders only rates quoted shall be considered. Any tender containing percentage below/ above the rates quoted is liable to be rejected. Rates quoted by the contractor in item rate tender in figures and words shall be accurately

filled in so that there is no discrepancy in the rates written in figures and words. However, if a discrepancy is found, the rates which correspond with the amount worked out by the contractor shall unless otherwise proved be taken as correct. If the amount of an item is not worked out by the contractor or it does not correspond with the rates written either in figures or in words, then the rates quoted by the contractor in words shall be taken as correct. Where the rates quoted by the contractor in figures and in words tally but the amount is not worked out correctly, the rates quoted by the contractor will unless otherwise proved be taken as correct and not the amount. In event no rate has been quoted for any item(s), leaving space both in figure(s), word(s), and amount blank, it will be presumed that the contractor has included the cost of this/these item(s) in other items and rate for such item(s) will be considered as zero and work will be required to be executed accordingly.

11. In the case of any tender where unit rate of any item/ items appear unrealistic, such tender will be considered as unbalanced and in case the tenderer is unable to provide satisfactory explanation, such a tender is liable to be disqualified and rejected.
12. All rates shall be filled in tender form. The amount for each item should be worked out and requisite totals given. Special care should be taken to write the rates in figures as well as in words and the amount in figures only, in such a way that interpolation is not possible. The total amount should be written both in figures and in words. In case of figures, the word 'Rs.' should be written before the figure of rupees and word 'P' after the decimal figures, e.g. 'Rs.2.15 P' and in case of words, the word, 'Rupees' should precede and the word 'Paise' should be written at the end. Unless the rate is in whole rupees and followed by the word 'only' it should invariably be up to two decimal places. While quoting the rate in schedule of quantities, the word 'only' should be written closely following the amount and it should not be written in the next line.

13(i) 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 scheduled F. This guarantee shall be in the form of cash (in case guarantee amount is less than Rs 10,000/-) or deposit at call received of any scheduled

bank/Banker's cheque of any scheduled bank/ Demand Draft of any scheduled bank/pay order of any scheduled any bank (in case guarantee amount than Rs 1,00,000/-) or Govt. securities fixed deposit receipts or guarantee bonds of any scheduled bank or the state Bank of India in accordance with the prescribed form.

- (ii) The contractor whose tender is accepted, will also be required to furnish by way of security Deposit for the fulfillment of his contract, an amount equal to 5% of the tendered value of work. The security deposit will be collected by deductions from the running bills of the contractor at the rates mentioned above and the earnest money deposited at the time of the tenders , will be treated as part of the security deposit . The security deposit will also accepted in cash or in the shape of government securities. Fixed deposit receipt of a Scheduled bank or State Bank of India will also be accepted for this purpose provided conformity advice is enclosed.

14. On acceptance of the tender, the name of the accredited representative(s) of the contractor who would be responsible for taking instructions from the Engineer-in-Charge shall be communicated in writing to the Engineer-in-Charge.

15. Sales-Tax / VAT (Except Service Tax) Purchase Tax, Turnover Tax or any other tax on material in respect of this contract shall be payable by the Contractor and DDA will not entertain any claim whatsoever in respect of the same. However, in respect of service tax, same shall be paid by the contractor to the concerned department on demand and it will be reimbursed to him by the Engineer-in-Charge after satisfying that it has been actually and genuinely paid by the contractor.

16. The contractor shall give a list of both gazetted and non-gazetted DDA employees related to him.

- 17. The tender for the work shall not be witnessed by a contractor or contractors who himself/ themselves have/ have tendered or who may has/ have tendered for the same

work. Failure to observe this condition would render, tenders of the contractors tendering, as well as witnessing the tender, liable to summary rejection.

18. The contractor shall comply with the provisions of the Apprentices Act 1961, and the rules and orders issued there under from time to time. If he fails to do so, his failure will be a breach of the contract and the DDA may in his discretion, without prejudice to any other right or remedy available in law, cancel the contract. The contractor shall also be liable for any pecuniary liability arising on account of any violation by him of the provisions of the said Act.

For General Works

INFORMATION AND INSTRUCTIONS FOR CONTRACTORS FOR e-TENDERING FORMING PART OF NIT AND TO BE POSTED ON WEBSITE

(Applicable for inviting open tenders)

The Executive Engineer (E), Electrical Division No. 12 on behalf of Delhi Development Authority invites online Item rate tenders from approved and eligible contractors of DDA, CPWD and those of enlisted contractors of appropriate class of M.E.S., BSNL, Railway for the following work.

NIT No.	:	159/EE/ED-12/DDA/2012-13
Name of Work	:	M/O Complete Scheme of Nazul A/C-II, SWZ.
Sub Head	:	Supplying & installation of path lighting at Mohan Mandir Park, Hari Nagar.
Estimated Cost put to tender	:	Rs.4,96,218/-
Earnest Money	:	Rs.9,924/-
Period of Completion	:	45 days
Date of Commencement of e-tender	:	04.03.2013
Last date & time of requisition of application of e-tender	:	13.03.2013 3.00 PM
Last date of submission of cost of tender, EMD & e-tender processing fee	:	13.03.2013 3.00 PM
Date of Pre-Bid	:	08.03.2013 12.00 noon
Last date of scanning & uploading UTR of RTGS / NEFT against cost of tender, EMD & other documents	:	13.03.2013 3.00 PM
Last date & time for submission of e-tender		13.03.2013 3.00 PM
Last date & time for submission of certified hard copies of EMD, Cost of Tender Document , E-Tender processing Fee &	:	14.03.2013 3.00 PM

other Documents to Executive Engineer		
Time & date of Opening of Technical bid.	:	18.03.2013 3.00 PM
Time & date of opening of Fin.bid	:	19.03.2013 3.30 PM

- 1 The tender 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 from website www.tenderwizard.com/DDA or www.dda.org.in free of cost.
- 2 The enlistment of the contractors should be valid on the last date of submission of tenders. In case only the last date of submission of tender is extended, the enlistment of contractor should be valid on the original date of submission of tenders.
- 3 Those contractors not registered on the website mentioned above, are required to get registered beforehand. The intending bidder must have valid class-II digital signature to submit the bid.
- 4 Earnest money and cost of tender shall be deposited through RTGS/NEFT in the account of **Sr. A.O.,CAU(Dwarka)DDA having account no. 1290300366 with Central Bank Of India, Manglapuri, New Delhi branch (IFSC code CBIN0283498)**. The unique transaction reference of RTGS/NEFT shall have to be uploaded by the tenderer in the e-tendering system by the prescribed date. The Executive Engineer concerned will get tender cost/earnest money verified from CAU based on the unique transaction reference number against from each RTGS/NEFT payment before the tenders are opened.
A Part of earnest money is acceptance in the form of bank guarantee also. Earnest Money up to Rs. 20.00 lacs will have to be deposited through RTGS/NEFT mode. If the amount of E.M. is more than Rs. 20.00 lacs then the amount of E.M. beyond Rs. 20.00 lacs can be deposited in the form of Bank Guarantee also. Such Bank guarantee is to be scanned and uploaded to the e-tendering website within the period of tender submission.
 - Earnest money and cost of tender have to be deposited through separate transactions.
 - i) Cost of Tender Document: **Rs.500.00 + DVAT @ 5%** (to be deposited through RTGS/NEFT in the account of the Sr. A.O. (CAU) of Dwarka..
 - ii) E-Tendering Processing Fee: **Rs.562.00** /- (to be deposited through E-Mode of ITI Limited in favour of M/s ITI Limited payable at Delhi).

The unique transaction reference of RTGS/NEFT against EMD, Cost of Tender Document and Bank Guarantee shall be placed in single sealed envelope superscripted as “Earnest Money, Cost of Tender Documents” with name of work and due date of opening of the bid mentioned thereon and will submit to tender opening Authority by...14.03.2013.

5. Copy of Enlistment Order and other documents as specified in the press notice shall be scanned and uploaded to the e-tendering website within the period of tender submission and certified copy of each shall be deposited in a separate envelope marked as "**Other Documents**".

Both the envelopes shall be placed in another envelope with due mention of Name of work, date & time of opening of tenders and to be submitted in the office of Executive Engineer during the period mentioned above.

- 6 Online tender documents submitted by intending bidders shall be opened only of those bidders, whose proof of submission of Earnest Money Deposit, Cost of Tender Document and e-Tender Processing Fee and other documents placed in one envelope (containing envelopes of (**Earnest Money, Cost of Tender Document & Other Documents**) have been submitted to EE and are found in order.

- 7 **List of Documents to be “scanned and uploaded” within the period of tender submission:**

- i) Enlistment Order of the Contractor.
- ii) Certificate of Registration for Sales Tax / VAT and Service Tax and acknowledgement of up to date filed return.



DELHI DEVELOPMENT AUTHORITY

Name of Work: - M/O completed scheme of Nazul A/C-II, SWZ.
SH : - Supplying & installation of path lighting at Mohan Mandir Park, Hari Nagar.

SCHEDULE OF QUANTITIES

S. No.	Description of Item	Qty	Unit	Rate	Rate in words	Amount
1	Supplying and fixing 65 mm dia G.I. pole 6 mtr. long with M.S. base plate of size 300mm x 300mm x 6mm thick welded at bottom end i/c supplying and fixing 65mm x 65mm x 40mm tee with suitable dia as per fitting 150mm long GI nipple on the GI Pipe for installation of street light fitting, welding of tee with pipe and fitting with nipple including providing and fixing dead end plug at the other end of tee and welding of one no. earth stud of suitable size & length, for earthing of pipe, drilling of hole for entry of cable from control box complete with crection of pole in cement concrete 1:3:6 (1 cement. 3 coarse sand : 6 graded stone agg. 40mm nominal size) foundation cement contrete collar of size 0.40 mtr. dia. x 0.50 mtr. height i/c excavation, refilling, painting, numbering & earthing of G.I. pole etc as required.	22.00	Each			
2	Supplying & Fixing of 1 x 85 watt CFL roadway lighting luminaries operation on 240V 50Hz. A.C. Supply completed with all accessories with 85 watt. CFL lamp i/c connection, earthing testing etc. as required.	22.00	Each			

3	<p>Supply and & fixing of pole concrete box made out of Glass reinforced polyester sheet Moulding Compound conforming to IS : 13410-1992 Grade S-I of nominal outside dimensions 230 mm (H) x 170 mm(W) x 105 mm(D) (all the corners of the box should be round & not pointed ones) suitable to mount on 65 mm dia GI Pole with following provisions / accessories mounting in box complete as per drawing enclosed.(i) 2 Nos. clamps made out of 19 mm x 3 mm G.I. strip of suitable length for mounting box on pole.</p> <p>(ii) Water tight front cover with 2 Nos. stainless steel hingers & 2 Nos. screws for tightening & G.I. U- clamps for closing of cover along with ABS panel lock.(iii) 4 way , 220 V, 30 A dough moulded stainless steel terminal connector.(iv) 16 amp. moulded SMC rewired Kit-Kat -I no.</p> <p>(v) 76 mm dia hole at suitable location on rear wall for cable & wire entry.(vi) Earthing bolt M6 x 20 mm</p>	22.00	Each			
4	<p>Supplying, Installation, testing and commissioning of floor mounted feeder pillar cubical double door type LT distribution board of size of 700mm x 600 mm x300 mm deep with general arrangement made out 1.6 mm thick M.S sheet having hinged gasketed cover and screwed knobs with double locking arrangement and rain protection covers and welding of M.S. angles iron legs of size 40 mm x 40 mm x 5mm x 1mtd. long grouted with 1:3:6 CC foudation and should be 0.7 mtr. above ground level. Legs should be covered with brick walls, connections, inter connections with suitable size of PVC insulated copper conductor using thimbles wherever required, painting, numbering i/c supply and fixing of following accessories complete as required.</p> <p>(a) 32 Amps. TP & N MCB ('C' - Series) ----- 1 No.</p> <p>(b) 25 Amps. SP & N MCB ('C' - Series) ----- 6 Nos.</p> <p>(c) Time switch suitable for 240 volts AC Supply for daily opertation. ----- 1 No.</p> <p>(d) 40 Amps. 240 /415 Volt 3 pole Power contactor. ----1 No.</p> <p>(e) 4 strip Al. busbar of 100 Amp, 300 mm long --- 1 set</p> <p>(f) Indicating lamp set --- 1 set.</p> <p>(g) Danger Notice Plate (Sticker Type) --- 1 Nos.</p>	1.00	Set			

5	Supplying and drawing following size of FR / PVC insulated copper conductor for single core in the existing surface / recessed steel /PVC conduit as required .(a) 3 x 1.5 sq. mm.	110.00	Mtr.			
6	Supply of following size XLPE insulated & PVC sheathed, insulated 1.1 KV Grade of 1.1 KV grade testing etc. as reqd. a) 2x16 sq. mm	600.00	Mtr.			
	b) 2x25 sq. mm	150.00	Mtr.			
	c) 4x25 sq. mm	120.00	Mtr.			
7	Laying of one No PVC insulated and PVC sheathed/XLPE power cable of 1.1 KV grade of size up to 35 sq. mm direct in ground i/c excavation, sand cushioning, protective covering and refilling the trench etc. as reqd.	800.00	Mtr.			
8	Laying of one No PVC insulated and PVC sheathed/XLPE power cable of 1.1 KV grade of size up to 35 sq. mm in the existing RCC/Hume/Metal Pipe as reqd.	70.00	Mtr.			
9	Earthing with G.I. Earth pipe 4.5 Mtr long, 40mm dia including accessories and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc. with charcoal /cock and salt as required.	6.00	Set			
10	Providing and fixing 25 mm x 5 mm G.I. strip in 40 mm dia G.I. pipe from earth electrode including connection with G.I. nut, bolt, spring , washer excavation and re-filling etc. as required.	12.00	Mtr.			
11	Providing and fixing 6 SWG wire on surface or in recess for loop earthing along with existing surface/ recessed conduit/submain wiring/ cable as required.	870.00	Mtr.			

12	Supplying and making indoor end termination with brass compression gland and aluminium lugs for following size of PVC insulated and PVC sheathed / XLPE aluminium conductor cable of 1.1 KV grade as required. a) 2 x 25 sq. mm.	6.00	Each			
	b) 4 x 25 sq. mm	2.00	Each			
	c) 2 x 16 sq. mm	44.00	Each			
13	Supplying and laying of DWC pipe of 50/38 mm dia for cable protection under road/pucca portion/ Nala Crossing i/c cutting the road/ pucca portion and making good the same as required.	10.00	Mtr.			
	Total:-					
	Say:-					

ADDITIONAL CONDITION

1. After the award of work the contractor shall produce samples of all material to be used in the work for approval of Engineer-in-charge. Only material conforming to approved samples shall be used in the work. The samples shall be preserved till completion of work, if required, the sample may also be executed at appropriate time as per directions of Engineer-in-charge. The decision of Engineer-in-charge regarding make of material shall be final and binding on the contractor.
2. The work shall be carried out as per the following specifications.
 - (i) CPWD specifications for Electrical works at Delhi part I (Internal) 2005 and part II (External) 1994 with correction slips up to the date of tender.
 - (ii) Indian Electricity Rules 2005 as amended upto date.
3. A table indicating the makes, the governing specifications and other details in respect some of the important materials to be used in the work is attached. These specification shall have precedence over those indicated in additional condition No.2 above.
4. Only material bearing ISI/BIS certification mark shall be used in the work, where articles of different design / make bearing ISI / BIS certification are available the decision of Engineer-in-charge about the design / make to be used in work shall be final / binding on the contractor.
5. In case of material being ISI/BIS certification is not available the material shall conform to relevant BIS specifications.
6. In case BIS specifications are not available for any material the decision of Engineer-in-charge regarding quality shall be final and binding on the contractor.
7. Whenever required by Engineer-in-charge, the contractor shall supply for the purpose of testing of samples of any materials proposed to be used in work and suitable package to contain the samples shall be provided free of charge by the contractor. The testing charges if any shall be borne by the department.
8. in case of any discrepancy in the description of any item given in the schedule of quantities and the specifications the former shall prevail, if the specification for any item are not available the decision of Engineer-in-charge shall be final.
9. Embedding of earth electrode and its testing shall be carried out in the presence of site in charge only.
10. The contractor shall be responsible for watch & ward of electrical installations and all fittings till the work is fully completed and handed over to the department, no claim on this account shall be entertained.
11. The poles shall be painted of approval colour and with two coats of approved paint. The interior of the looping / control boxes shall be painted with synthetic enamel paint after applying a coat of metal primer. All poles shall be numbered with figure height of 30 mm.
12. The rates quoted by the tenderer shall be firm and shall be inclusive of all taxes. Duties, levies, transportation charges / cartage etc. concessional sales tax for C/D shall not be issued by the department.
13. No T&P shall be issued to the contractor by the department.
14. The contractor shall submit a guarantee for a period of 12 months from the date of completion of work of successful working of all items executed under this contract on a non judicial stamp paper worth Rs.50/-.
15. The control box for control of lighting luminaries shall be fixed at suitable height on the existing poles as decided by Engineer-in-charge in view of overhead system and safety of the control box. Necessary holes in existing pole wherever required shall be made by the contractor free of cost nothing shall be paid extra.
16. The control box, the pole & the lighting luminaries shall be suitable earthed.
17. The contractor shall have to use 'FLY ASH BRICKS' for cable coverings while laying of cable in trench instead of conventional bricks.
18. The contractor shall take all safety measurement during execution of work and shall be fully responsible in case of any injury / accident / mishappening to any person / staff during the execution of work.
19. The total time for execution of the work shall be 45 Days.

**EXECUTIVE ENGINEER
ELECT. DIV.12/D.D.A**

TABLE INDICATING GOVERNING SPECIFICATION AND MAKES IN RESPECT OF SOME OF THE IMPORTANT MATERIALS TO BE USED IN THE WORK

S. NO	ITEM	<u>GOVERNING SPECIFICATIONS</u>	REMARKS / MAKES
1.	G.I. PIPE	IS : 1239	JINDAL (HISSAR) / SURYA /TATA
2.	XLPE ALUMINUM CONDUCTOR 1.1 KV GRADE POWER CABLE	IS : 7098 (Pt-I)	ASIAN CABLE / UNISTAR / ECKO / SKYTONE / HAVEALLS
3.	PVC INSULATED FRLS COPPER CONDUCTOR WIRE	IS : 694	SKYTONE / NATIONAL / ECKO / HAVELLS
4.	85 watt. CFL LAMP		PHILIPS / BAJAJ / OSRAM/ Surya
5.	85 watt. CFL roadway lighting luminaries		PHILIPS / BAJAJ / OSRAM/ Surya
6.	MCB	IS : 8828	STANDARD / L&T / INDO-KOPP / ACTION / LEGRAND / HAVELLS
7.	MCCB	IS: 13947	L&T /SIEMENS/ ALSTOM(Areva)
8.	PAINT (ENAMEL / ALUMINUM)	--	BERGER / NEROLAC / ASIAN / DULUX
9.	TIME SWITCH AND CONTACTOR	--	L&T, GE, SIEMENS
10.	KIT KAT	--	STANDARD / HAVELLS
11.	PANEL BOARD	----	SHALL BE FABRICATED AS PER APPROVAL OF ENGINEER IN CHARGE.
12.	DWC PIPE	IS : 14930 Part-II	REX/DUROLIN/GEMINI/MODIINTERNATIONAL/Triupati Plastomatics