

NOTICE INVITING TENDERS



DELHI DEVELOPMENT AUTHORITY

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| NIT No. | : 23/EE/El.D – 4/DDA/2008-09 |
| Name of Work | : Development of water body at Rithala khasra no. 632/673 Rohini zone |
| SH | : Supply and Installation of ornamental hanging lantern lighting leuminaries on 4.00 mtr. high pole at Rithala water body. |
| Estimate Cost | : Rs. 7,77,341.00 |
| Earnest Money | : Rs. 15,547.00 |
| Cost of Tender | : Rs. 500.00 |
| Time Allowed | : 3 (Three) Months. |
| Last Date of sale | : 14.11.2008 |
| Date of Opening | : 18.11.2008 |

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**Executive Engineer
Electrical Division - 4 / DDA/ DELHI**

DELHI DEVELOPMENT AUTHORITY
PRESS TENDER NOTICE. (FOR GENERAL WORKS)

Notice Inviting Tender No. 23/EE/El.D-4/DDA/2008-09

The tender documents can be had on any working day from the Sr. AO/CAU/Rohini Zone/DDA or from Tender Sale's Counter at Vikas Minar, DDA Office, I.P. Estate, New Delhi between 11.00 am to 3.00 pm on payment of cost of tender (non refundable) as well as amount of earnest money in the prescribed manner as mentioned against each work i.e. in cash (upto Rs.10,000/-/Receipt Treasury Challan/Deposit at call receipt/fixed deposit receipt/demand draft of schedule bank issued in favour of Sr. A.O/CAU/Rohini/DDA on production of valid enlistment registration certificate, and valid registration with works contract cell of Sales Tax deptt. Of GNCTD and Tax clearance certificate issued by work cell in Form XL. Sale of tender forms will be stopped 4 (Four) days including date of opening before the date fixed for opening of tenders.

The manner of submission of tender, opening of same and entry of contractor's/their authorized representative to the place of opening shall be provided in clause three 3(a), (b) and (c) of PWD-6 forming part of the tender documents.

1. Item rate/percentage tenders are invited for the work on behalf of DDA from the approved contractors of eligible contract of DDA & CPWD and those of appropriate list of P & T, MES and Railways, which shall be opened on the same day.

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

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

In case both the last date of receipt of application and the sale of tenders are extended the enlistment of contractor should be valid on either of the two date i.e. original date of sale of tender or on the extended date of sale of tenders.

- 1.2 For works costing upto Rs.25 lacs in case of B & R, tenders shall be issued to contractors registered with DDA Only.

- 1.3 For works costing above Rs. 25 Lacs upto Rs 2 crores, tenders shall be issued to DDA & CPWD enlisted contractors as per their enlistment. The tenders shall also be issued to Non- DDA, non-CPWD contractors provide they have satisfactorily completed three similar nature of works, each of value not less than 40% of the estimated cost in the last five years.

- 1.4 For works costing above Rs.2 crores but upto Rs.10 crores, the tenders shall be issued to DDA as well as non-dda contractors provide they have satisfactorily completed three similar nature of works, each of value not less than 40% of the estimated cost or two works of similar nature, each of value not less than 50% of the estimated cost or one work of similar nature of value not less than 80% value not less than 50% of the estimated cost in the last 7 years ending the last of the month previous to the one in which the tenders are invited.

Note-Class 2 contractors of DDA & CPWD shall also be eligible if they satisfy the criteria specified in 1.4 above.

- 1.5 For works costing above Rs.10 crores, there shall be pre-qualification/post qualification as the case may be as per existing practice.

| S. No | Name of work | Estt. Cost | Earnest Money | Cost of Tender | Time allowed |
|-------|--|-----------------|------------------|-------------------|-----------------|
| 1. | Development of water body at Rithala khasra no. 632/673 Rohini zone SH: Supply and Installation of ornamental hanging lantern lighting luminaries on 4.00 mtr. high pole at Rithala water body. | Rs. 7,77,341.00 | Rs. 15,547.00 | Rs. 500.00 | Three month. |

EXECUTIVE ENGINEER
ELECTRICAL DIVISION-4
D.D.A

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Copy Forwarded to: -

1. The Secy. Delhi Contractors & Builders association (Regd) 1584, Arya Samaj Gali Bazar Sita Ram, Delhi-6
2. CPWD Contractors Association (Regd.), Y Shaped Building, I.P. Estate, New Delhi.
3. The Association of Elect. Contractors (Regd.) Chamber No.103, Laxmi Complex, B-6, Subash Chowk, Laxmi Nagar, Delhi-92.
4. The Secy. Assn. of Elect. Contractors (Regd.) A-14, Mayapuri, Ph – II, New Delhi.
5. The Secy All Delhi DDA, MCD Contractors Welfare Association (Regd.) 253, Pratap Khand, Vishwakarma Nagar, Delhi-110095.
6. The DDA Contractors Assn. (Regd.), 40 -1/E-18, Vikas Kuteer, New Delhi.
7. The Trans Yamuna DDA Contractors Association (Regd.) 11-12, Vir Swarkar market (Budh bazaar) Gandhi Nagar, Delhi-91
8. DDA Builders Association (Regd.), C-29, Panchsheel Enclave New Delhi.
9. East Delhi DDA Contractors Association (Regd.) 45-2/C, East azad Nagar, New Delhi.
10. Electrical Engineer & Contractor association (Regd.), 236/1, Maharaja Complex, main Road, West Patel Nagar, New Delhi.
11. The Secy .DDA Builders Association , 11945, Kirti Nagar ware Housing Scheme, Delhi-110021.
12. Delhi Contractor Welfare Association (Regd.) 8813, 1st Floor, Jawahar Market, Paschim Vihar, New Delhi-110063.
13. Delhi Govt. Contractors Welfare Association (Regd.), 179, Trivani Apartments, Near police Station, Vivek Vihar, Delhi – 95.
14. C.E. (Elect.) / DDA
15. S.E (Elect. Circle-11 / DDA.
16. E.E. / QCC / DDA
17. Sr. A.O. / CAU (Rohini) / DDA.
18. All the Ex. Engineers (E) / Elect. Divn. 1,2,4,5,6,7,9,10,11,12, QCC & FOED-1
19. Ex. Engineer, WD-5 / DDA. Vikas Minar, New Delhi.
20. Sr. A.O. (Works)-II / DDA / Vikas Sadan, New Delhi.
21. Sr. A.O. (Works)-III / DDA / Vikas Sadan, New Delhi
22. F.O. to CE (E), DDA.
23. All AE's-1,2,3,4 (E) & A.E.(P) / ED-4
24. AAO / ED-4
25. HC / ED-4
26. Security officer / DDA / Vikas Minar, New Delhi.
27. The Tender Sale Clerk, Sale Counter No.1 / DDA, Vikas Minar, New Delhi.
28. Notice Board
29. The Director (System), Vikas Sadan, New Delhi for information .The same has also been intimated through E-mail ddatender@dda.org.in.
Please visit DDA's website at www.dda.org.in

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EXECUTIVE ENGINEER
ELECTRICAL DIVISION-4
D.D.A

**DELHI DEVELOPMENT AUTHORITY
ELECTRICAL DIVISION 4, ROHINI.**

NAME OF WORK:- Development of water body at Rithala [Khasra no. 632/673] Rohini zone.

SH:-Supplying and installation of ornamental hanging lantern lighting luminaries on 4.0mtr.high pole at Rithala water body.

| S.N | DESCRIPTION OF ITLMS | QTY | RATE | UNIT | AMOUNT |
|-----|--|-------|------|------|--------|
| 1. | Supplying and erection of 4.0mtrs. high M.S. pole made of 60mm outer dia. medium class M.S. pipe with 200mm X200mm X12mm thick M.S base plate and integral cable termination/ looping box of size 450mmhighX125mmX125mm made of 1.60mmthick(nominal) CRCA M.S. sheet, with matching hinged cover and locking arrangement, duly welded at the bottom of the pole as per drg. attached i/c supplying and fixing of the following accessories therein, erection of on300mmX300mm X700mmdeep cement concrete foundation of 1:3:6(1cement,3 coarse sand,6 graded stone aggregate 15/20mmnominal size)i/c grouting of 4nos. foundation bolts of suitable size in the foundation for fixing of pole with nuts and washers, excavation& refilling, painting of pole with approved and make of paint, numbering and earthing etc. as reqd. a) 6/ .ps. C-series characteristics curve SPMCB---1NO. b) 4/ .ay, 32Amp. Brass connector links-----2NOS. | 31nos | | Each | |
| 2. | Supplying and installation of ornamental hanging type lantern lighting luminaries, as per drg. attached, on the pole (item no.), with matching pole mounting ornamental bracket made of M.S. pipe top cast iron casted crown and the fitting made of 1.0mmthick circular spun M.S sheet top cover and bottom with clear poly carbonate shade suitable to house1no. CFL retrofit 18/26watt. Lamp i/c lamp holder and 11watt CFL lamp with blast ,connection, testing and commissioning etc. as reqd. | 31nos | | Each | |
| 3. | Supplying of following sizes of XLPE aluminium conductor armored power cable of 1.1KV grade i/c making connections and testing etc as reqd. a) 2coreX10sqmm | 910m | | Mtr. | |

| | | | | | |
|----|--|--------|--|------|--|
| | b) 2core X 16sqmm | 175m | | Mtr. | |
| 4. | Laying of 1no. PVC insulated & PVC sheathed /XLPE aluminium conductor power cable of 1.1KV grade of size not exceeding 25sqmm in the existing RCC/Hume/Stoneware/Metal/DWC pipe as reqd. | 1.34m | | Mtr. | |
| 5. | Supplying and fixing 6SWG dia. GI wire on surface or in recess for loop earthing along with the existing cable as reqd. | 1085m | | Mtr. | |
| 6. | Supplying and fixing of 40mm dia. 8-class GI pipe for cable entry to pole, cutting and sizing of the pipe, in CC foundation duly bending of the same to the required angle/ shape to facilitate entry of cable in the pole as reqd. | 1.25m | | Mtr. | |
| 7. | Supplying and drawing of 3X1.5 sq mm. PVC insulated copper conductor single core, for internal wiring of the pole for connections from looping box to light fitting as reqd. | 1.74m | | Mtr. | |
| 8. | Laying of 1no PVC insulated and PVC sheathed/XLPE power cable of 1.1 KV grade of size not exceeding 25sqmm direct in ground i/c excavation, sand cushioning, protective covering and refilling the trench etc. as reqd. | 10.77m | | Mtr. | |
| 9. | Supply, erection, testing and commissioning of feeder pillar fabricated out of 2mm thick CRCA/MS sheet of size 1200 mm X 800mm X 300mm with 40mm X 40mm X 6mm angle iron 4nos legs as per attached and suitable to accommodate the following accessories therein i/c supplying and fixing, connection, inter connection, earthing and spray painting after applying a coat of Zinc chromate primer etc. as reqd. a) 100Amp. Switch dis-connector fuse with HRC fuse (panel mounted) 3-pole and neutral-----1no. b) 32Amp. DP MCB (C-series)-----3nos c) Volt meter (0-500V) with selector switch 96mm X 96mm-----1set d) Indicating lamp set with toggle switch and fuse-----1set e) 100Amp. 4nos. aluminium bus bar 300mm long duly PVC tapped/sleeved, drilled holes 6mm dia. bolt, nut and washer-----1set f) Danger notice plate ---1no. | 1.17m | | Set | |

3.

| | | | | | |
|-----|--|-------|--|-------|--|
| 10. | Earthing w/ n GI earth pipe 4.5mtr. long and 40mm dia. i/c accessories, and providing massonary enclose with cover plate having locking arrangement and watering pipe etc. (but without charcoal or coke and salt) as reqd. | 2sets | | Set | |
| 11. | Extra for using salt and charcoal for pipe earth electrode as reqd. | 2set | | Set | |
| 12. | Providing and fixing 25mmX5mm GI strip on surface or in recess for connections etc. as reqd. | 1m | | Mtr | |
| 13. | Providing and fixing 25mmX5mm GI strip in 40mm dia GI pipe from earth electrode as reqd. | 3m | | Mtr | |
| | | | | Total | |

1. The contractor must get acquainted with the proposed site for the work and study specification and conditions carefully before tendering. The work shall be executed as per programme approved by the Engineer-in-charge if the site of the work is not available in part or in full for any reason, programme for the execution of the work shall be correspondingly modified accordingly and the agency shall have no claim except provided in the printed condition of the contract.

2. The work as indicated in the schedule of quantities attached herewith including any modifications additions /alteration ordered subsequently shall be carried out as per specifications indicated below:

a) CPWD General specifications for Electrical Works at Delhi Part-I (Internal) 2005 and part II (External) 1994 with amendments made up to the date of tender.

b) Indian Electricity Act 1940 & Indian Electricity Rules 1956 as amended up to date.

c) Related Indian Standard Code of Practices

3. A table indicated the makes, governing specifications and other details in respect of some of the important material to be used in the work is attached. These specifications shall have precedence over those indicated in 2(a) above.

4.A) Only material bearing ISI/BIS certification mark shall be used in the work. Where articles of different designs /makes bearing ISI/BIS certification mark are available, the decision of Engineer-in-charge about the design/make to be used in the work shall be final/ binding on the contractor.

B) In case materials bearing ISI/BIS certification mark are not available, the material shall conform to BIS specifications.

C) In case BIS specifications are not available for any material, the decision of Engineer-in-charge regarding quality shall be final/ binding on the contractor.

D) Wherever required by the Engineer-in-charge, the contractor shall supply for the purpose of the testing, samples of any material proposed to be used in the work. The testing charges if any shall be born by the deptt.

5. In case of any discrepancy in the description of any item given in schedule of quantities and the specifications the former shall prevail. If the specification of any item is not available, the decision of Engineer-in-charge shall be final.

6. The contractor shall have to make his own arrangements of tools and plants within the quoted cost.

7. Certificates of the tests required to be conducted at works as desired by the Engineer-in-charge for the required material as per related BIS code shall be supplied along with delivery of the material at site.

8. Department shall not be liable for any payment of damages, loss and compensation payable at law in respect or in consequence of any accident or injury to any person in employment of the contractor.

9. Watch and ward of the installations will be the responsibility of the contractor till the site is handed over to the deptt. for which nothing extra shall be paid.

10. Samples of all material shall be got approved from Engineer-in-charge before use at site.

11. The contractor shall give the guarantee of all material/ equipments installed as per specifications for a period of one year from the date of taking over of the deptt. against unsatisfactory performance or breakdown due to defective design and manufacture in the installation. Guarantee shall cover the quality, strength and performance of the materials and equipments.

12. During the progress of work, can also be inspected by the officers of the quality assurance cell/Vigilance cell of the deptt.

13. The rates quoted by the contractor shall be firm and inclusive of all taxes, duties, levies, cartage etc.

14. Concessional sales tax form C/D shall not be issued by the department.

15. Layout for fixing of poles can be seen in the divisional office. The contractor shall however, before execution of work, prepare a lay out as per site conditions and get the same approved from the Engineer-in-charge. The work shall be executed as per the approved layout of path lighting. The Engineer-in-charge reserves rights to make any modification in the lay out at any stage during execution of work.

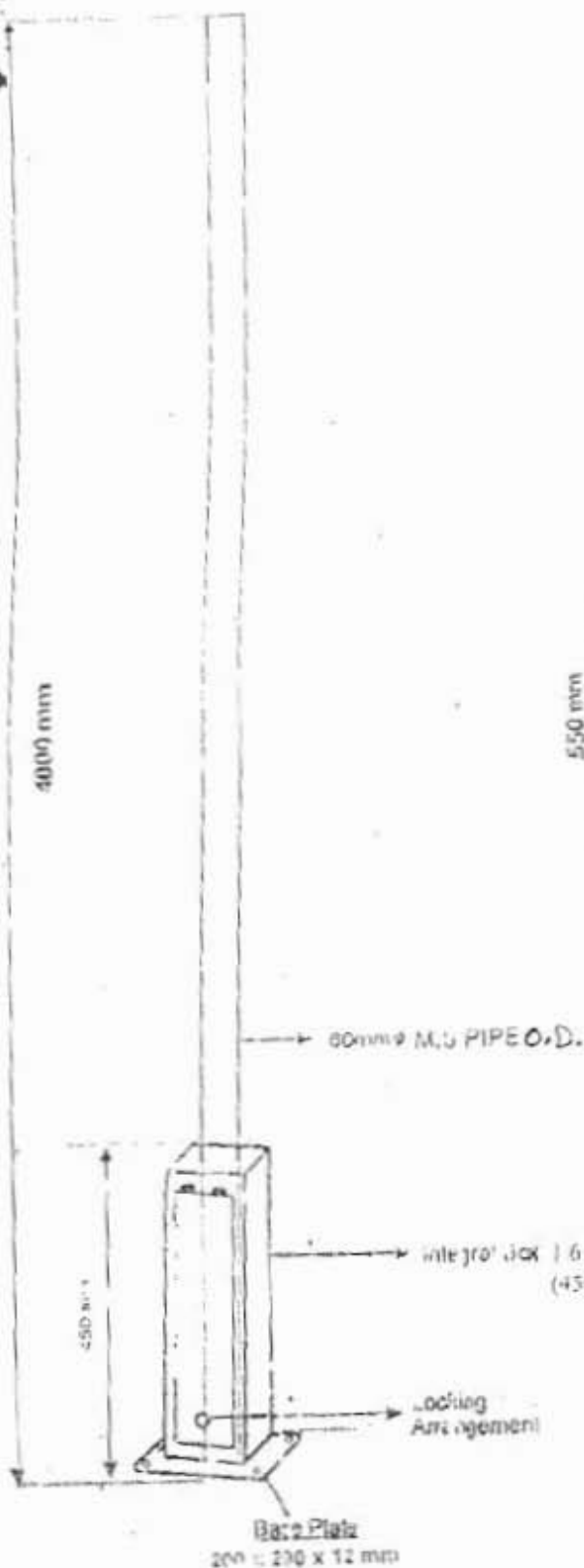
16. The luminaire body shall earthed suitably 3rd (earth/ green) single core pvc. Insulated copper conductor cable.

17. The contractor shall submit completion certificate as per Appendix-D CPWD specification of electrical works part-II External 1994.

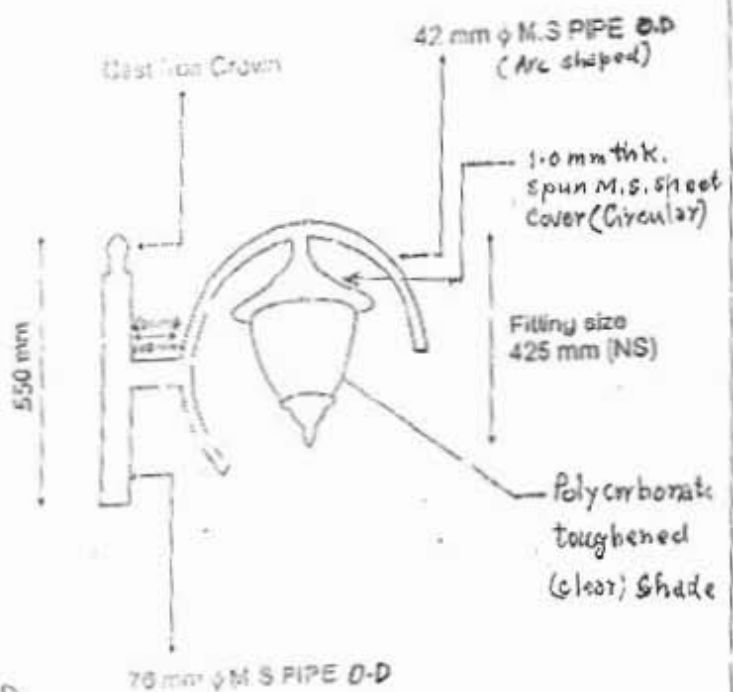
GOVERNING SPECIFICATION AND MAKES FOR IMPORTANT MATERIALS:-

| S.N. | ITEM | GOVERNING SPECIFICATION | MAKES |
|------|---|-------------------------|---|
| 1. | PVC.insul.&PVC.seathed cable 1.1KV.grade armoured Al.cable. | IS-7098 | Asian, Unistar, Ecko, , Skytone, Havells,(with ISI mark) |
| 2. | Switch Gear | -- | L&T,Areva,Havells,C&S,Schneider,siemen,ABB,GE. |
| 3. | G.I.pipe | IS-1239 | Indo, Jindal(Hissar),Surya,(withISI mark) |
| 4. | 4Mtrs M.S.pole | -- | Hi-Lite/K-Lite/Ankur/Lord Krishna |
| 5. | Ornamental hanging lighting lantern | -- | Hi-Lite/K-Lite/Ankur/Lord Krishna. |
| 6. | CFL | -- | Philips/Osram |
| 7. | PVCinsul. Copper cond. Cable | IS-694 | National/Ecko/Havells/Skytone (with ISI.mark.) |
| 8. | MCB | IS-8828 | Action/Standard/Indokopp/L&T/Legrand/Havells(with ISI.mark) |
| 9. | Connector/ terminal block | -- | Wago/phoenix or equivalent. |

Drawing of Item No. 1 M.S. Pole



Drawing for Item No. 2 Ornamental hanging Lantern fixture



Note: 1. All dimensions are in mm

2. All sizes mentioned are nominal.

3. Drawing not to scale.

4. M.S. Pole shall be fixed on c.s. foundation.

5. Before execution, samples of above items shall be got approved from Engineer-in-Charge.

FEEDER PILLAR DRG. (Item NO - 09)

