

DELHI DEVELOPMENT AUTHORITY

ELECTRICAL DIVISION NO. 5 (IN LIEU OF PWD-6)

CENTRAL NURSERY, SECTOR.5

DWARKA PHASE-I, NEW DELHI

NIT NO:14, 16, & 17/EE/EI.D.5/DDA/08-09. (FOR SPECIALISED WORKS).

Sealed item rate tender are invited for the following works by the Ex. Engineer (E), Elect. Divin. No.5/DDA, Central Nursery, Sector-5, Dwarka Ph. I, New Delhi up to 3.00 PM on the dates mentioned below against each work on behalf of DDA from the approved contractors of appropriate class of DDA, CPWD, Railways, MES, P & T & Specialized firms who meet the following conditions which shall be opened on the same day at 3.30 P. M. at Ground Floor, Vikas Minar, DDA Office I. P. Estate, New Delhi in the presence of intending purchaser or their authorized representative.

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 sale of tenders.

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

1. The annual financial turnover (gross) in Elect. Construction works in one of the preceding three financial years shall not be less than 100% of the estimated (gross) audited by Chartered Accountant on annualized basis (depending upon the time allowed for completion i.e. total estimated value divided by time of completion).
2. The satisfactory completion of at least two works of similar nature/class, each costing not less than 50% of the estimated cost (gross) of the proposed work in the Central/ State Govt./ Public Sector Undertaking / Govt. Autonomous bodies during the last five years.

The tender documents can be had on any working day from the office of Ex. Engineer (E), Elect. Division No.5/DDA between 11.00 A.M. to 3.00 P.M. on payment of cost of tender (non-refundable) mentioned each works on production of valid Enlistment Registration Certificate and valid Registration with works contract cell of sales tax department of GNCTD and tax clearance certificate issued by the works contract cell in form-XI. Sale of tender forms will be stopped 4 days (i/c the date of opening) before the date fixed for the opening of tender documents.

The manner of submission of tender, opening of the same and entry of contractors , their authorized representative to the place of opening shall be as provided in Clause-3(a), (b) and (c) of PWD-6 forming part of the tender documents.

EARNEST MONEY: The earnest money should be deposited along with tender documents in cash up to Rs.10,000.00 only, Receipt Treasury Challan / C.D.R. / F.D.R. / D.D. of Scheduled Bank issued in favour of Sr. A.O. (CAU) Dwarka, DDA, New Delhi. It should, however, be ensured that FDR / Pay Order is valid for a period of Six Months or more after last date of receipt of tender. The tender of the agency who does not enclose the earnest money in the prescribed manner shall be summarily rejected.

Sl.No.	Name of work.	Estt. Cost.	Last dt.of sale.	Time allowed
		E. Money T. Cost.	Dt. of opening	
1.	M/O various colonies at Dwarka under Nazul A/c-II. SH: M/O E.I. & fans i/c preventive maintenance of Sub .Station equipment and D.G. set at Dwarka Sports Complex Sector-11 Dwarka Ph.I.	Rs.8,68,249.00 Rs. 17,365.00 Rs. 500.00	18-07-08 22-07-08	12 Months
2.	M/O completed/closed scheme at Dwarka. SH: Operation and Maintenance of Lifts, D.G.Sets (200KVA) common area lighting of 266 HIG(236 cat-III & 30 cat-II) of Gr.I and clear water booster pump Sets, D.G. set (82.5 KVA) & Submersible Pump set of 448 LIG, 432 MIG & 568 HIG DU's at Sector 18-B Dwarka.	Rs.12,53,869.00 Rs. 25,077.00 Rs. 500.00	21-07-08 25-07-08	12 Months

3. M/O completed/closed schemes at Dwarka.	<u>Rs.12,28,590.00</u>	<u>21-07-08</u>	12
SH: Operation & Maintenance of Lifts, D.G. set	<u>Rs. 24,572.00</u>	<u>25-07-08</u>	Months
(200 KVA) common area lighting for 302 HIG DU's	<u>Rs. 500.00</u>		
(284 cat-III & 18 cat-II) Gr.II and Fire Fighting Pump			
Sets, P.A.system & Fire Alarm system for 568 HIG			
DU's Gr. I & Gr.II.			

Executive Engineer (E)
Elect. Divn. No.5/DDA.

No: F.3(5)/El.D.5/A/Cs/DDA/08-09/ 830

Dated: 14/7/08

Copy to:

1. CE(E),D-4, V.Kunj,DDA. (2) FO to CE(E),D-4,V.Kunj,DDA.(3)SE(E)-I,Office Complex Manglapuri DDA.(4) EE(QCC)-E,Vikas Sadan,DDA.(5) EE/El.D.1,4,6,7,8,9,10,11,12 & Elect.Flyiver Divn. No.1/DDA. (6) AO(W)-II,Vikas Sadan DDA. (7)AO(CAU)/DWK./DDA.(8)AAO/El.D.5/DDA.
9. H/C/El.D.5/DDA.(10)AE(P)/El.D.5/DDA.(11)AE(E)-3/El.DS.5/DDA.(12) Tender clerk, Tender sale counter,Ground floor Vikas Minar,DDA. (13)Asstt. Security Officer, Vikas Minar,DDA.(14) DDA Builders Association (Regd.) C-29, Panchsheel Enclave ,N.Delhi.(15) DDA contractors Welfare Association (near enterence barrack No.1)Vikas Kuteer,N.Delhi. (16) DDA contractors Association,48-A, E-18, Vikas Kuter N.Delhi. (17)The Secy. CPWD contractors Welfare Association (Regd.) Y-Shape Bldg.I.P.Estate,N.Delhi. (18)The Gen. Secy. Contractor Association (Regd.) Arya Samaj Bazar Sita Ram,N.Delhi. (19) Elect. Engrs. Contractor Association 2362/1 Maharaja Complex West Patel Nagar, N.Delhi. (20)Elect. Contractor Association(Regd.) 41-A,Ph.II, Mayapuri Indl.Area,N.Delhi. (21) The Delhi contractors & Builders Association (Regd.) H.N.5503, Ch. Prem Raj Bhavan, Ch. Bhim Singh Road, New Chandrawal Delhi-7. (22)The sales tax officer, works contract cell ,Bikrikar Bhavan I.P.Estate,N.Delhi. (23) The Secy.(CRB), Vikas Minar,N.Delhi. (24) All Delhi DDA & MCD contractors Welfare Association (Regd.)253, Partap Khand Vishwekarma Nagar , Delhi-95. (25) Delhi Contractors Welfare Association (Regd.),88-B,(FirstFloor),JwalaHeriMarket,PaschimVihar,N.D.63.Elect.Divn. (C.W.G.)-2/DDA B-1/12/13 Community Centre, Janak Puri, New Delhi.(27) Notice Board/ El.D.5/DDA. (28) Director (System) Through Website ddatender@dda.org.in.

EXECUTIVE ENGINEER (E)

Name of work:- M/O Various colonies at Dwarka under Nazul A/C-II SH: M/O E.I. & fans i/c preventive maintenance of sub-station equipment and DG set at Dwarka sports complex sector-11 Dwarka ph-I

S.No.	Description of items	Qty	Rate	Unit	Amount
1.	M/O electrical installations, fans, exhaust fans, security lights, path & parking lights, jogging track light, metal halide lamps fittings installed at various courts and buildings at sports complex and 125 KVA DG set i/c preventive maintenance of sub-station equipments feeder pillars & replacement of materials supplied by department etc. as reque.	1 Job for 12 months		P/Month	
2.	Supply of following material as per requirement at site.				
a.	Metal Halide lamp 400 watt HPI-T plus	50 Nos		Each	
b.	Metal Halide lamp 250 watt HPI plug BU	25 Nos		Each	
c.	MLN lamp WBC/WES 160 watt	130 Nos		Each	
d.	fluorescent tubular lamp 40 watt	130 Nos		Each	
e.	Choke 40 watt (copper wound)	30 Nos		Each	
f.	Choke 400 watt for metal halide lamp (copper wound)	30 Nos		Each	
g.	Choke 250 watt for metal halide lamp (copper wound)	20 Nos		Each	
h.	Conical shade for MPC/HCP 11 fitting	30 Nos		Each	

i.	Sodium vapour lamp 70 watt	25 Nos	Each
j.	Choke for 70 W sodium vapour lamp (Copper wound)	20 Nos	Each
k.	Sodium vapour lamp 150 watt	10 Nos	Each
l.	Choke for 150 watt sodium vapour lamp (copper wound)	3 Nos	Each
m.	Igniter 70/250/400 watt SON	40 Nos	Each
n.	Tube starters 40 watt	100Nos	Each
o.	5 amps to 32 amps single pole MCB(C-series)	35 Nos	Each
p.	40 amps Double pole MCB	20 Nos	Each
q.	63 amps four pole MCB	5 Nos	Each
r.	63 amps four pole MCB isolator	5 Nos	Each
s.	100 amps four pole MCB isolator	3 Nos	Each
t.	32 amps T.P. MCB (C-series)	4 Nos	Each

3/-

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|-----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|------|
| 3. | Servicing of 125 KVA DG set i/c providing and replacement of following items i/c testing etc. as reqd. | | |
| i. | Oil filter- 1No. | | |
| ii | Fuel filter- 1set | | |
| iii | Engine oil-25 Ltr | | |
| iv | Coolent - 10 Ltr | 1Job | Job |
| 4. | Supplying and replacement of battery 12V 6EM 25R Exide make 180 AH polypropyline containor box i/c initial filling charging testing etc. as reqd. | 2 Nos | Each |
| 5. | Lifting of submersible pump set alongwith flanged GI pipe from the existing bore well i/c dismantalling of pipe & disconnection of electrical connection & cable etc. | 4 Job | Job |
| 6. | Lowering of submersible pump set alongwith flanged G.I. pipe upto required depth & accessories complete with Nut, bolts, washers, Jointing and fixing of submersible cable complete as reqd. | 4 Job | Job |
| 7. | Supply of 3x2.5 sqmm PVC insulated submersible flat copper conductor cable etc as reqd. | 150 Mtr | Mtr |
| 8. | Supply of PVC insulated PVC sheathed armoured XLPE Al. cond. 1.1 KV power cable of following size | | |
| i. | 4x25 sqmm | 100 Mtr. | Mtr. |
| ii | 2x16 sqmm | 200 Mtr | Mtr |

TERMS & CONDITIONS

1. The work shall be carried out as per following specification
 - i. Indian Electricity rules 2005 as amended upto date.
 - ii Relevant BIS codes as amended upto date.
 - iii CPWD specifications for electrical works (pt-I) internal 2005 (part.II) External 1994 with correction slip upto date.
2. No T&P shall be issued departmentally.
3. The contract is for 12 months but can be terminated at any time without assigning any reason by the Engineer-in-Charge. The decision of Engineer-in-Charge in this regard shall be final & binding on the contractor.
4. Any damage done to the installation during the maintenance period due to bad workmanship/miss handling the contractor shall make good the same and nothing extra shall be paid on this account.
5. All the electrical fault shall be attended by the firm to keep the lamps/tubes/fans entire electrical installation & other electrical & mechanical accessories in working order ~~installed~~ installed at site.
6. There are 4Nos of submersible pump sets installed in the complex which shall be operated as & when required by the firm within the quoted rates and proper log book shall be maintained for each pump set.
7. The kit kat, thimbles, ferrules, copper conductor cables of sizes 1.5sqmm 2.5 sqmm, 4sqmm, HRC fuses shall be replaced by the firm whenever required within the quoted rates. The items such as matel halide lamps, MLN lamps, Fl. Tubular lamps, starters, Choke, MCBs etc shall be supplied by the contractor under item No. 2(a) to (f) within 15 days after the award of work & subsequent errection/operation maintenance repair shall be done as ~~per~~ per item No.1 within quoted rates.
8. One No license holder W/man or ITI W/Man & 2 khallasi shall be deployed by the contractor in each shift of 8 Hrs i.e 6AM to 2PM & 2PM to 10PM & foreman for one shift once in a week.
- 9- The firm shall deploy the staff on all calender days of the months i/c sunday (Gazetted holidays) & even National holidays within quoted rates.
- 10 All the feeder pillars shall be operated & maintained by the agency within quoted rates.
- 11 preventive maintenance of sub-station equipment shall be done by the firm within quoted rates. except dehydration of transformer oil.
- 12 The contractor shall have to maintain an attendance register of the staff engaged at site of work and same can be checked by the Engineer-in-charge or his representative at any time.
- 13 Incase the staff is found absent from site an amount of Rs. 40/- per hour upto a ceiling of Rs. 240/- per shift for wireman & Rs. 30/- per hour upto a ceiling of Rs. 180/- per shift for khallasi & Rs. 350/- per visit of foreman shall be deducted from the contractor bill.

14. A complaint register shall be maintained at site for lodging the complaints.
15. The contractor shall take prompt action for maintenance of each fitting in case of any fault. The contractor shall take care that no fitting remains out of order for more than one day.
16. All instructions issued by the Engineer-in-charge or his representative shall be followed strictly. In case of any disobedience or misbehavior by the staff of the agency the Engineer-in-charge may ask to remove such staff from the site. The firm shall have to comply strictly and promptly. The decision of Engineer-in-charge in such event shall be final & binding to the agency.
17. In case of failure of electric supply the firm shall lodge a complaint with BSES Rajdhani power Ltd. Immediately.
18. In case of any major breakdown due to any reason beyond the control of the agency shall intimate the Engineer-in-charge immediately for its rectification/ Repairs.
19. In case of any major fault in sub-station equipment the same shall be rectified by the firm within the quoted rates however any material required for replacement shall be arranged by the department.
20. The agency shall take all safety measures at site during the maintenance of the installation, if there happens any accident it shall be responsibility of the contractor and there shall be no liability of department.
21. In case of any fault in underground cable it shall be the responsibility of the firm to locate the fault and repair by cable jointing kit within the quoted rates and nothing extra shall be paid on this account. However if the damage is not repairable the contractor shall immediately report to Engineer-in-charge in writing.
22. The firm shall clean all the fittings as and when required.
23. The firm shall return all the dismantled material to the department, except Batteries.
24. The material item No.2 to be supplied shall be of Philips, Bajaj, Crompton or Surya make only and MCB shall be MDS/ Standard/ Action/ L&T/ IndoCOOP
25. The wireman & khallasi shall patrol the area to ensure that all the fittings, fans & other equipments are functioning properly & being maintained properly.
26. All the incoming & outgoing connection should be checked once in a month & set right if required.
27. The tower wagon/ladder and other equipment required for maintenance shall be arranged by the firm within the quoted rates.
28. The firm shall provide proper uniform to the staff deployed within the quoted rates.

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- 29 The licenced wireman will check all the installation once in a year & record the inulation & earth resistance in test register of electrical installation.
- 30 The staff employed by the contractor shall wear proper uniform and wear badges displaying their names and designation. The staff shall also be given photo identity card by the contractor displaying their name, father's name, address, date of birth, name of the agency with address and telephone No. site for which employed and period of validity. A copy of the identity cards shall given to the Engineer-in-charge within 15 days of award of work.
- 31 The D.G set shall be operated incase of Electricity failure or as & when desired by Engineer-in-Charge. However P.O.L. shall be supplied by the Department.
- 32 The makes of cable to supplied/used at site of work shall be as under:-

~~33 The makes of cable is~~

- Item No.7 :- Finolux/Phoenix
- Item No.8 :- National/ECKO/Skytone/Grandlay/Plaza/
Unistar/Havells with ISI mark.

Executive Engineer (E)/ED.5