

OFFICE OF THE EXECUTIVE ENGINEER (ELECT.)  
ELECTRICAL DIVISION No. 7

No:F.2(7)/EE/ED-7/DDA/2009-10/ 3060

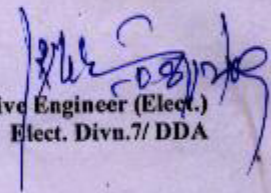
Dated: 09-12-09

To

The Director (System)  
DDA, Vikas Sadan,  
New Delhi.

Sub: Uploading of NIT NO: 33 /EE/ED-7/DDA/2009-10/ to be opened on 22-12-09

Please find enclosed herewith \_\_\_\_\_ Nos. tenders with full tender documents along with schedule of quantity for uploading the same on DDA website.

  
Executive Engineer (Elect.)  
Elect. Divn.7/ DDA

Copy to:-

1. S.E.(E)/Elect. Circle-2/DDAA for information please.

Executive Engineer (Elect.)  
Elect. Divn.7/ DDA



**DELHI DEVELOPMENT AUTHORITY**  
**ELECTRICAL DIVISION NO:07**

**Notice Inviting Tender No: 33 / EE / ED-7 / DDA / 2009-10**

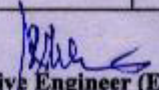
Sealed Item rate tenders are invited for the following work by the Executive Engineer, Electrical Division No.-7 upto 3.00 P.M. on behalf of DDA from the approved and eligible contractors of appropriate class of DDA, CPWD, MES, Railways, P&T and who satisfy the following conditions :-

1. The annual financial turnover (gross) in Elect. Construction work in one of the preceding 3 financial years shall not be less than 100% of the estimated (gross) value of the work (duly audited by Chartered Accountants) 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, costing not less than 50% of the estimated cost (gross) of the proposed work in Central / State Govt. department or in Public Sector Undertaking / Govt. Autonomous Bodies during the last five years.
3. The successful contractor shall submit an irrecoverable performance guarantee of 5% (Five percent) of the tendered amount in the addition to other deposits mentioned else where in the contract for

The tenders shall be opened on the same day at 3.30P.M. at Ground Floor, Vikas Minar, DDA office, I. P. Estate, New Delhi. The tender documents can be had on any working day from The CAU (N.Z.), DDA between 11.00A.M to 3.00P.M. on payment of cost of tender (non-refundable) as well as amount of Earnest Money mentioned against each work, in cash / Receipt Treasury Challan / Deposit at Call Receipt of a scheduled Bank / Fixed Deposit Receipt of a Scheduled Bank/ Demand Draft of a Scheduled Bank issued in favour of A.O.(CAU)/DDA on production of valid Enlistment Regn. Certificate, valid registration with works Contract Cell of Sales Tax Deptt. of GNCTD, and Works Tax Clearance Certificate issued by the Work Contract Rule 1999 to issued by the Said Cell. The F.D.R. should be valid for six months or more after the last date of receipt of tender and the F.D.R. pledged in favour of Tenders inviting authority. Sale of tender forms will be stopped four days (including date of opening) before date fixed for the opening of tender. The tender issued after the verification of documents by Executive Engineer (El.) Elect. Divn.7/DDA. with original documents,

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

S. No.	Name of Work	NIT NO.	Estimated Cost Earnest Money (In Rs.).	Tendered Cost Time Allowed	Date of Sale Date of Opening
1.	M/o Pump set at various colonies under North Zone. SH: A/R/M/O booster pump set 20 KVA D.G. set, submersible pump set and street light at 80 MIG & 64 EWS Janta houses at Land between Kalyan Vihar & C.C. colony - Annual running maintenance & operation of booster pump set, 20 KVA D.G. set submersible pump set and street light).	(33)	Rs.3,54,610.00 Rs.7,092.00	Rs.500/- + 4% VAT One Month	18.12.2009 22.12.2009

  
**Executive Engineer (Elect)**  
**Electrical Division No.-7**  
Contd...2/-

No: F.71(06)A/C/ED-7/DDA/2009-10/3057

Dt. 09-12-09

**Copy to:**

1. F.O. TO C.E.(Elect.)/DDA for information please.
2. S.E.(Elect.) Elect. Circle-2/DDA for information please.
3. E.E.(Elect.)/Elect. Divn.1 to 6 & 8 to 12/DDA.
4. Executive Engineer /WD-5/DDA Vikas Minar,
5. A.O.(Work)/DDA
6. Sr. A.O.(CAU)NZ/DDA
7. All AE's/AE(P)/ED-7/DDA
8. Head Clerk/ED-7/DDA
9. Security Officer, Vikas Minar, DDA.
10. Tender Clerk/CAU/NZ/DDA & Tender Clerk./Vikas Minar, DDA
11. DDA Builder Association (Regd.) C-29, Panchsheel Enclave, Delhi.
12. Contractor Welfare Association (Regd.) E-18, Vikas Kuteer, New Delhi.
13. DDA Contractor Association (Regd.) near entrance barrack Vikas Kuteer, I.P. Estate, New Delhi.
14. The Secy. Contractor Welfare Association (Regd.) Y-Shape Building, I.P. Estate New Delhi
15. The Secy. Contractor Welfare Association (Regd.) Arya Samaj Bazar, Sita Ram, Delhi
16. The Association Elect. Contractor (Regd.) 41-A. Mayapuri Indl. Area, Ph-II, New Delhi.
17. Trans Yamuna DDA Contractor Association (Regd.), 11-12, Vir Savarkar Market, Budh Bazar, Gandhi Nagar, Delhi.
18. Delhi Contractor Association (Regd.) 88-B, First Floor, Jwala Heri Market, Paschim Vihar, New Delhi.
19. Delhi Contractor Welfare Association (Regd.), 79, Triveni Apartment, New Police Station, Vivek Vihar, Delhi.
20. E-Mail Address: [ddatender@org.in](mailto:ddatender@org.in)

**Executive Engineer (Elect)**  
**Electrical Division No.-7**  
**Delhi Development Authority**

No.	Particulars	Estimate No.	Estimate Date	Particulars	Date of Bill
1.	Supply and installation of 1000 KVA Transformer at Vikas Minar, New Delhi.	1000 KVA	10/12/09	Supply and installation of 1000 KVA Transformer at Vikas Minar, New Delhi.	10/12/09
2.	Supply and installation of 1000 KVA Transformer at Vikas Minar, New Delhi.	1000 KVA	10/12/09	Supply and installation of 1000 KVA Transformer at Vikas Minar, New Delhi.	10/12/09
3.	Supply and installation of 1000 KVA Transformer at Vikas Minar, New Delhi.	1000 KVA	10/12/09	Supply and installation of 1000 KVA Transformer at Vikas Minar, New Delhi.	10/12/09
4.	Supply and installation of 1000 KVA Transformer at Vikas Minar, New Delhi.	1000 KVA	10/12/09	Supply and installation of 1000 KVA Transformer at Vikas Minar, New Delhi.	10/12/09
5.	Supply and installation of 1000 KVA Transformer at Vikas Minar, New Delhi.	1000 KVA	10/12/09	Supply and installation of 1000 KVA Transformer at Vikas Minar, New Delhi.	10/12/09
6.	Supply and installation of 1000 KVA Transformer at Vikas Minar, New Delhi.	1000 KVA	10/12/09	Supply and installation of 1000 KVA Transformer at Vikas Minar, New Delhi.	10/12/09
7.	Supply and installation of 1000 KVA Transformer at Vikas Minar, New Delhi.	1000 KVA	10/12/09	Supply and installation of 1000 KVA Transformer at Vikas Minar, New Delhi.	10/12/09
8.	Supply and installation of 1000 KVA Transformer at Vikas Minar, New Delhi.	1000 KVA	10/12/09	Supply and installation of 1000 KVA Transformer at Vikas Minar, New Delhi.	10/12/09
9.	Supply and installation of 1000 KVA Transformer at Vikas Minar, New Delhi.	1000 KVA	10/12/09	Supply and installation of 1000 KVA Transformer at Vikas Minar, New Delhi.	10/12/09
10.	Supply and installation of 1000 KVA Transformer at Vikas Minar, New Delhi.	1000 KVA	10/12/09	Supply and installation of 1000 KVA Transformer at Vikas Minar, New Delhi.	10/12/09

**Executive Engineer (Elect)**  
**Electrical Division No.-7**  
**Delhi Development Authority**



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DELHI DEVELOPMENT AUTHORITY

ELECTRICAL DIVISION-7

NAME OF WORK: - M/o Pump Set in Various places under North Zone.

ISH - A/R/M/O of Booster pump set, 20KVA D.G. Set, Submersible pump set and street light at 80 MIG & 64 EWS / Janta Houses at land between Kalpan Vihar & C. C. Colony:-

Annual running maintenance & operation of Booster pump set, 20KVA D.G. Set, Submersible pump set and street light ]

Sl.No.	Description of item	Qty.	Unit	Rate	Amount.
	Running, operation & maintenance of 20KVA Diesel Generator Set complete with electric control panel and cabling works, Sub. P/Set, Booster P/Set, Road street lighting poles, feeder pillars, control valves, service / circuit cables & other allied accessories i/c minor repairs, preventive maintenance etc. Details as per below & as per terms and conditions attached.				
	Supplying & replacement of following damaged / defective street light fitting accessories from the existing 70Watts HPSV lamp fitting / connection box installed on the steel tubular pole i/c connections, inter connections, earthing the body & testing etc. as required.				
	(a) HPSV lamps suitable 70 Watt HPSV lamps.				
	(b) Copper wound choke / ballast suitable 70 Watt HPSV lamps				
	(c) Electronic igniters suitable 70 Watt HPSV lamps.				
	(d) Capacitor suitable 70 Watt HPSV lamps.				
	(e) Porcelain Holder suitable 70 Watt HPSV lamps.				

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(a) Service connection cables from electric meter board to each P/Set feeder will be

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3	Supply of 2X16 sq. mm. size of PVC insulated and PVC sheathed / XLPE armoured aluminium conductor power cables.
4	Laying of one number PVC insulated and PVC sheathed / XLPE armoured aluminium conductor power cable of 1.1KV grade of size 2X16 sq. mm direct in ground i/c excavation the pucca path and refilling the trench etc. as required
5	Laying of one number of PVC insulated and PVC sheathed/XLPE power cable of 1.1 KV grade of size not exceeding 25 mm <sup>2</sup> in the existing RCC / Hume / Stone Ware / Metal pipe as required.
6	Painting & numbering of steel tubular / G.I. poles i/c its overhangs, connector boxes etc. with double coat of aluminium / enamel / Poly Uthetone paint of approved shade after cleaning the surface etc. as required.
7	Spray painting & numbering of feeder pillar with enamel paint of approved shade after cleaning the surface etc. as required.

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JE(P) AE(P)

Executive Engineer  
Elect. Divn-7, DDA  
Kashyapuram, Delhi

(a) Service connection cable from electric panel board to sub. P/S at feeder pillar

**NAME OF WORK: - M/o Pump Set in Various places under North Zone.**  
 [SH: - A/R/M/O of Booster pump set, 20KVA D.G. Set, Submersible pump set and street light at 80 MIG & 64 EWS / Janta Houses at land between Kalyan Vihar & C. C. Colony.-  
 Annual running maintenance & operation of Booster pump set, 20KVA D.G. Set, Submersible pump set and street light ]

### INVENTORY

#### Part-A

- (i) 12.5 H.P. Centrifugal pump set-----2Nos. [Kirloskar make]
- (ii) 1.5 H.P. Dewatering pump set-----1No.
- (iii) Details of valves 2Nos. 100 m. m. sluice valve, 2Nos. 100m. m. Non return valve, 2Nos. 150 m. m. sluice valve [Suction line] & 1No. 100 m. m. Sluice Valve [Delivery line] etc.
- (iv) Control panel comprising of 2Nos FASD starter ML 1.5 L/T, 2Nos 63Amps switch fuse unit with fuses, shunt capacitor, Volt meters 0-500V—1No with Selector switch & set of neon phase indicator i/c 3 Pole MCB, 2Nos. Ammeters, 1No change over switch, 1No. Electric energy meter, 2Nos. pressure gauge [0-100lb/inch<sup>2</sup>], 1No. S.P., MCB for water level indicator system, bus-bar chamber-1No., Main incomer-1No.
- (v) **PUMP HOUSE I.E.I. INSTALLATION**  
 2Nos.-ceiling fans, 2Nos.-exhaust fans, 7Nos.-double tube light fittings complete, 4Nos. 70 Watt HPSV lamps fitting on the wall around the pump house, 4Nos 100 watt bulb with holder, 3Nos. Fire extingutire 4.5Kgs on the wall of pump house, 3Nos Fire basket in M. S. Angle iron frame in the pump house & 1No. Main distribution board in P/H, [1No. S.P. & N MCB, 6No.S.P.MCB (3Nos 16A & 3Nos 20A)]

#### Part-B

- (i) Submersible pumps [in open bore-well]
- (ii) 3 H.P. Submersible pump set... 1No. i/c 1No. 50 m. m. sluice valve & 1No. 50m. m. Non return valve on Delivery line.
- (a) Control panel comprising of 1No DOL starter MK-1 L/T, 1No 32Amps T.P. & N MCB, 2Nos. 32Amps T.P. MCB, Volt meters 0-500V—1No with Selector switch & set of neon phase indicator, 1No. Ammeters [0-30A], 4strip B.B.C.—1set, Danger notice plate-1No.
- (ii) Diesel Generator Set. [In pump-house]
- (a) 20 KVA Diesel Generator Set in acoustic enclosure complete with electric control panel, Diesel tank and Cabling and other allied accessories etc.-----1Set

#### Part-C

- (i) External Electrical installation.
- (a) Service connection cable from electric panel board to sub. P/Set feeder pillar approx. 60 mtrs.
- (b) Service connection cable from sub. P/Set feeder pillar to street light electric feeder pillar approx. 5 mtrs.
- (c) 30Nos street light pole complete with 70 Watt HPSV lamps fitting & connection box, barbed wire on the periphery of pole along with Service / circuits connection cable from street light electric feeder pillar to poles (30Nos.) approx. 600mtrs.
- (iii) Control panel [Street lighting] comprising of 4strip B.B.C.—1set, 1No 100Amps T.P. & N MCB, 3Nos 32Amps D.P. MCB, 63 Amps. A.C. Connector-1No., Danger notice plate-1No.

Part of Schedule  
 Bank of India  
 DDA

J.E.(P)

A.E.(P)

Asstt. Engineer (P)  
 Electrical Division-7  
 O.D.A., New Delhi

**NAME OF WORK: - M/o Pump Set in Various places under North Zone.**  
 [SH: - A/R/M/O of Booster pump set, 20KVA D.G. Set, Submersible pump set and street light at 80 MIG & 64 EWS / Janta Houses at land between Kalyan Vihar & C. C. Colony.-Annual running maintenance & operation of Booster pump set, 20KVA D.G. Set, Submersible pump set and street light ]

**TERMS AND CONDITIONS**

- 1) The work comprises of running and operation of pump set, D.G. set, general lighting of pump house and street light of the scheme etc. as per the inventory attached.
- 2) Scope of work is as under:-
  - i) To keep all street lighting points & all allied installations in working order.
  - ii) To keep the street lighting / Booster pump set etc. functional during the timing fixed by the Engineer-in-charge.
  - iii) Street lighting should be switched ON / OFF at appropriate time fixed by the department.
- 3) 90% of street lighting should remain in working order & functional through out the period of contract failing which proportionate recovery shall be made from the contractor's bill.
- 4) No street lighting points should remain out of order for more than 3 days. Beyond 3 days, a recovery of Rs.50/- per point, per day, shall be made from the contractor's bill.
- 5) For laying of cable in pacca portion & removing of existing damaged / defective cable, payment will be made as per item No. 4 of schedule of work and no extra payment shall be made on this account.
- 6) Proper handing / taking over of all the E & M installations shall be carried out by JE (E) / AE (E) in-charge of the work and the contractor in writing immediately after award of work / before start of work. The same shall be handed over to the department in proper working condition after expiry of the contract.
- 7) The contractor shall depute the following staff under the contract.
  - a. Operator (Skilled) 1No. (from 6.00 A.M. to 2.00 P.M.)
  - b. Operator (Skilled) 1No. (from 2.00 P.M. to 10.00 P.M.)
  - c. Khallasi---1No. (from 10.00 P.M. to 6.00 A.M. for watch & wards of pump house & street lighting installations etc.)
  - d. Wireman Grade-I ----1No. (from 2.00 P.M. to 10.00 P.M., as and when required)
  - e. Khallasi---2Nos. (from 2.00 P.M. to 10.00 P.M. as and when required to Assist the W.M. while maintenance of St. Ltg. & other installation at site etc.

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- 8) The duty timings of the staff can be changed as and when required by The Engineer-in-Charge.
- 9) The contractor shall employ trained and competent staff to the satisfaction of Engineer-in-charge having two year experience on operation of pump set, D.G. set and street lighting.
- 10) The contractor shall supply the list of staff along with details i.e. Name, Father's Name, Date of Birth, Experience Certificates to be engaged on the installation within 7 days of award of work. Engineer-in-Charge shall have the right to reject any staff deployed by the contractor.
- 11) The staff deployed by the contractor shall wear proper uniform and badges displaying their name and designation.
- 12) The contractor shall deploy staff throughout the period of contract including Saturday, Sunday, Gazetted holidays and National holidays and shall maintain attendance register which shall be kept at office of J.E. (E) at site concerned.
- 13) The contractor shall submit the log sheet as per the Performa enclosed regarding the status of street lighting points and other allied installations of the proceeding day, daily to the Engineer-in-charge in the division office, duly signed by him or his authorized representative whose particulars shall be furnished by the successful tenderer within 7 days after award of work.
- 14) If any staffs deployed by the contractor is found absent on a particular time and date, an amount of equal to minimum wages fixed by Delhi Administration from time to time shall be recovered from the contractor's bill.
- 15) In case of disobedience or misbehaviour by the operational staff of the contractor, the Engineer-in-Charge may ask the contractor to dispense with the services of such staff with immediate effect. The contractor shall provide suitable substitute simultaneously.
- 16) The contractor shall take all safety measures at site during maintenance of the installations.
- 17) Any injury / mishap to the maintenance staff during duty hours will solely be the liability of contractor.
- 18) The contractor shall maintain the street light luminaries with ladder / motorized ladder only.
- 19) Co-ordination and follow up action with electric supply agency shall be done by the contractor in case of failure / fault in supply / fluctuation in voltage.

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20) The contractor shall intimate the Engineer-in-charge about the major break down or failure of electric supply in time.

21) Watch and ward shall be responsibility of the contractor. Any loss due to theft or pilferage etc. shall be born by the contractor.

22) The following minor maintenance i/c preventive maintenance shall be carried out by the contractor. The details of work carried out shall be recorded in the Log Book.

- i) Servicing and greasing of pumps / motors once in 3 months.
- ii) Replacement of rubber packing of valves and worn out nuts and bolts etc.
- iii) Replacement of gland dori as and when required.
- iv) Replacement of HRC fuses / MCB's as and when required.
- v) Replacement of FI. Tubes, incandescent lamps and starters.
- vi) Adjustment alignment / tightening of nuts and bolts as and when required.
- vii) Replacement of burn out thimbles, wire terminals etc.
- viii) Replacement of diesel Filter, Oil Filter & Air Filter of D.G. set.
- ix) Top up of battery water & coolant of D. G. set.
- x) Daily cleaning of equipments/pump house.
- xi) Testing of earth resistance of Electric Panel, Motor and Starter of Pump House.

NOTE: The material required for carrying out above jobs shall be supplied by the contractor within quoted rates.

23) The D.G. set shall be operated in case of electricity failure or as and when desired by the Engineer-in-charge. However P.O.L. shall be supplied by the department.

24) All electric connections of street light pole shall be checked at least once in a month & set right, if required.

25) a) Painting of Poles shall be done by using brush or by spray painting.  
b) Painting of Pumping installation shall be (excluded control panel) done once during the contract period & nothing extra payment shall be made on this account.

26) Material taken in the estimate shall be replaced as & when required & the dismantled material shall not be taken back. Suitable rebate for dismantled material may be offered by the agency.

27) All allied accessories / installations shall be kept in working order and in case any damages / loss is done to the installation during the contract period due to the negligence of the staff deployed by the contractor, the contractor shall have to make good the damages / loss at his own cost except the damages to the installations by accident. In case the contractor fails to rectify the damages / loss within reasonable time, the same shall be got rectified / replaced by the department at the risk and cost of the contractor.

28) The contractor shall keep all the necessary spares and T & P at site required for operation and maintenance to be carried under his contract.

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- 29) If at any stage, the timer switch provided in the feeder pillar does not function, the contractor shall make immediate arrangement for ON / OFF operation manually till the timer switch is got repaired / replaced. Nothing extra shall be paid on this account.
- 30) Item No. 2, 3, 4 & 5 shall be executed as & when required and these shall be executed in the presence of authorized representative of Engineer-in-charge.
- 31) the following makes of materials are acceptable:
- a) HPSV lamp Phillips / Osram
  - b) Ballast as per fitment of manufacturer of existing luminaire.
  - c) Ignitor as per fitment of manufacturer of existing luminaire.
  - d) MCB's MDS / standard / Action / L&T / Indokopp
  - e) Copper wire National / Ecko / Havells / Skytone
- Paint
- i) Enamel / Berger / Narolac / Asian / Dulux
  - Aluminium
  - ii) Poly Utherene MRF /
  - PVC insulated and Asian Cable / Unistar / Ecko / Nicco / Skytone
  - PVC sheathed
  - / XLPE armoured
  - cable
- 32) The contractor shall also be responsible for removal of unauthorized hoarding, banners, if any, on the poles during the contract period for which the Engineer-in-charge / authorized representative shall render their assistance, if required.
- 33) Testing of earth continuity and earth electrodes shall be carried out once in a year by contractor in the presence of authorized representative of the Engineer-in-charge.
- 34) The rates quoted by the contractor shall be inclusive of all taxes, duties and Govt. levies etc.
- 35) The job shall be assigned for a period of 12 months. This period can be extended / reduced or terminate the contract at any time after giving 15 days notice for which no compensation shall be paid.

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Executive Engineer  
Elect. Divn.-7, DDA  
Keshav Puram, Delhi

J.E(P) A.E(P)