

DELHI DEVELOPMENT AUTHORITY

ELECTRICAL DIVISION NO. 5

(IN LIEU OF PWD-6)

CENTRAL NURSERY, SECTOR.5

DWARKA PHASE-I, NEW DELHI

NIT NO:11, 23, 29 & 30/EE/El.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 19-8-08 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.	<u>Estt. Cost.</u>	<u>Last dt.of sale.</u>	Time allowed
		<u>E. Money</u>	<u>Dt. of opening</u>	
		<u>T. Cost.</u>		
1.	M/O completed/closed scheme of DWK. Zone. SH: A/R/M/O of clear water booster Pump set, D.G. set and Sub. P/set at 80 MIG and 106 LIG houses Sector-2, Pkt.2 Dwarka.	Rs.1,88,165.00 Rs. 3,763.00 Rs. 500.00	14-8-08 19-8-08	12 Months.
2.	M/O pump set and E.I.at various places at DWK. SH:A/R/M/O of Sub.P/sets & DG set at Nursery Sector-4 Dwarka Ph.I to feed clear water supply to UGR at Sector-4 Pkt.I Dwarka.	Rs.1,83,792.00 Rs. 3,676.00 Rs. 500.00	14-8-08 19-8-08	12 Months.



3. M/O completed/closed scheme of DWK. Zone. Rs.1,92,600.00 14-8-08 12 Months.  
SH: A/R/M/O of Sub. P/set and D.G. set at Tube- Rs. 3,852.00 19-8-08  
well No. T-15 in Pkt.2 Sector-12, Dwarka. Rs. 500.00
4. M/O completed/closed scheme at DWK. Zone. Rs.1,86,636.00 14-8-08 12 Months.  
SH: A/R/M/O of clear water booster P/set, D.G. Rs. 3,733.00 19-8-08  
Set and facility block at 102 three bed room Rs. 500.00  
and 312 two bed room houses at Sector 18-A  
Dwarka.

  
Executive Engineer (E) 11/8/08  
Elect. Divin. No.5/DDA.

No: F.3 (5)/El.D.5/A/Cs/DDA/08-09/ 941 Dated: 11/8/08

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)-1,2&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](mailto:ddatender@dda.org.in).

  
EXECUTIVE ENGINEER(E)



# SCHEDULE OF WORK

Name of work:- M/O Completed/closed Scheme of Dwarka zone SH: Annual, Operation & Maintenance of clear water booster pump set, D.G set and Submersible Pump set at 80 MIG & 106 LIG houses sector-2, pkt-2, Dwarka

S.No.	Description of Item	Qty	Rate	Unit	Amount
1.	Operation of pumps/D.G set as per the Inventory, Terms and conditions attached.	12 Months		p/Month	
2.	Supplying and Replacement of the following items				
a.	HPSV lamp 70 watt	2 Nos		Each	
b.	Copper wound Ballast, polyster filled 70 watt	1 No		Each	



## INVENTORY

### PART A

#### (1) Booster Pump:

- a. 12.5 HP Centrifugal p/sets 2 Nos
- b. 5 HP Vacuum p/set for priming 1 No
- c. Dewatering p/set 1 No
- d. Control panel comprising of main switch, starter, Ampere meter, volt meter,

#### (2) Details of valve:-

- a. 150mm dia sluice valve 3 Nos
- b. 80mm dia sluice valve 2 Nos
- c. 150mm dia ~~foot~~ foot valve 2 Nos

### PART B

#### D. G set

- a. Capacity-20 KVA 1 No.
- b. Control panel comprising of complete accessories 1 No.

### PART C

#### Water level indicator-

1 No

### PART D

#### Submersible p/set

- a. 7.5 HP submersible p/set-1 No  
with 2 nos sluice valve and 1 no NRV
- b. Cubical panel board with accessories 1 No.

### PART E

- a. Internal and external installations
- i. Ceiling fan- 1 No
- ii. Tlight fitting 40W-1 No
- iii 70 Watt HPSV fitting-2 Nos



11/08-09

## TERMS AND CONDITIONS

1. The work comprises of running and operation of pump sets, D.G.set and General lighting as per the inventory attached.
2. The contractor shall depute the following staff under the contract.
  - a) Operator- 2 Nos., one in each shift i.e. from 6 A.M. to 2 P.M. and from 2 P.M. to 10 P.M.
  - b) Khallasi- 1 No. from 10 P.M. to 6 A.M.
  - c) Wireman Grade-1 shall attend the site of work between 9 AM to 5 P.M. at least once in a fortnight and as and when required.
3. The contractor shall employ trained and competent staff to the satisfaction of Engineer-in-Charge having two years experience on operation of pump/D.G.set.
4. The contractor shall supply the list of staff along with experience certificate to be engaged on the installation within 7 days of award of work. Engineer-in-charge shall have the right to reject any staff employed by the contractor.
5. 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 cards 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 be given to the Engineer-in-charge within 15 days of award of work.
6. The contractor shall employ staff throughout the period of contract including Saturdays, Sundays, Gazetted holidays and National holidays.
7. Following records are to be kept at site of work.
  - a) Printed log book for recording operation.
  - b) Attendance register for staff deployed.
  - c) Complaint / Inspection register.

Note: The contractor shall get the registers authenticated from Engineer-in-charge before use at site
8. The following minor maintenance including preventive maintenance shall be carried out by the contractor. The details of work carried out shall be recorded in the log book:
  - a) Servicing and greasing of pumps/ Motors once in 3 months.
  - b) Replacement of rubber packing of valves and worn out nuts and bolts etc.
  - c) Replacement of gland dori as and when required.
  - d) Replacement of HRC fuses as and when required.
  - e) Replacement of Fl. Tubes, incandescent lamps and starters.
  - f) Adjustment, alignment /tightening of nuts and bolts as and when required.
  - g) Replacement of burnt out thimbles, wire terminals etc.
  - h) Top up of battery water.
  - i) Daily cleaning of equipments / pump house.

Note: The material required for carrying out above jobs shall be supplied by the contractor Within quoted rates.
9. 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.



10. 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.
11. The contractor shall intimate the Engineer-in-charge about the major breakdown or failure of Electric supply in time.
12. Watch and ward shall be the responsibility of the contractor. Any loss due to theft or pilferage etc. shall be borne by the contractor.
13. The payment to the contractor shall be made bi-monthly or at other suitable intervals desired by the contractor but not less than one calendar month.
14. Proper handing/ taking over of all the installation shall be carried out by JE(E) in charge of the work and the contractor in writing immediately after award of work / before start of work
15. The Engineer-in-charge if so desire may extend the contract up to 2 months or terminate the Contract at any time after giving 15 days notice.
16. If any staff employed by the contractor is found absent on a particular time and date an amount proportionate to per shift shall be recovered from the contractor's bill.
17. All allied accessories / installations shall be kept in working order and in case any damages / loss is done to the pumping installations due to the negligence of the operational staff deployed by the contractor. The Contractor shall have to make good the damages/ loss at his own cost. 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.
18. The contractor shall keep all the necessary spares and T & P at site required for operation and maintenance to be carried under his contract.
19. In case of any disobedience or misbehavior 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.
20. The rates quoted by the contractor shall be inclusive of all taxes, duties and Govt.levies etc.
21. Pumping installation shall be painted (excluding control panel) once during the contract period
22. Any injury to the operational staff in case of any mishap, during duty hours will be the liability of contractor.
23. The copper wound ballast, H.P.S.V. Lamp and shall be of following make.
  - a) Ballast - ----- Philips / Bajaj
  - b) H.P.S.V Lamp----- Philips / Bajaj / Osram.

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



# SCHEDULE OF WORK

NAME OF WORK:- M/O Pump set & E.I. at Various Places at Dwarka SH: A/R/M/O of Submersible P/sets & D.G set at Nursery sector-4 Dwarka ph-I to feed clear water supply to U.C.R at sector-4 pkt-I Dwarka.

S.No.	Description of Item	Qty	Rate	Unit	Amount
1.	Operation of pumps/D.G set as per inventory and terms and condition attached.	12 Months		P/Month	

**DETAILS OF INSTALLATION OF TUBEWELL AT  
SECTOR-4 NURSERY, DWARKA.**

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- |    |                                |        |
|----|--------------------------------|--------|
| 1. | Submersible pump set 5 HP      | 1 Set  |
| 2. | 20 KVA D.G. set with enclosure | 1 Set  |
| 3. | Panel board for D.G set        | 1 Set  |
| 4. | Main panel board               | 1 Set  |
| 5. | Earthing sets                  | 4 Sets |
| 6. | HPMV fitting 125 watt          | 3 Sets |

Executive Engineer(E)/E.D.5



## TERMS & CONDITIONS

1. The work comprises of running and operation of pump sets, DG set and general lighting as per the inventory attached.
  2. The contractor shall depute the following staff under the contract.
    - a. Operator-2Nos one in each shift i.e from 6.00 AM to 2.00 PM and from 2.00 PM to 10.00 PM
    - b. Khallasi/Chowkidar- 1No from 10 PM to 6.00 A.M
    - c. Wireman Grade-I shall attend the site of work between 9.00 AM to 5.00 PM atleast once in a fortnight and as and when required.
  3. The contractor shall employ trained and competent staff to the satisfaction of Engineer-in-Charge having two years experience on operations of pump/D.G set.
  4. The contractor shall supply the list of staff alongwith 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 employed by the contractor.
  5. The staff employed by the contractor shall wear proper uniform and wear badges displaying their name and designation. The staff shall also be given photo identity cards 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 be given to the Engineer-in-Charge within 15 days of award of work.
  6. The contractor shall employ staff throughout the period of contract including Saturday, Sunday, Gazetted holidays and National holidays.
  7. Following records are to be kept at site of work
    - a printed log book for recording operation
    - b. Attendance register for staff deployed
    - c. Complaint/Inspection register.
- Notes:- The contractor shall get the registers authenticated ~~fr~~ from Engineer-in-Charge before use at site.

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8. The following minor maintenance including preventive maintenance shall be carried out by the contractor. The details of work carried out shall be recorded in the log book.
  - a. Replacement of rubber packings of valves and worn out nuts and bolts etc.
  - b. Replacement of HRC fuses as and when required.
  - c. Replacement of Fl. Tubes, incandescent lamp and starters
  - d. Replacement of burnt out thimbles, wire terminals etc.
  - e. Daily cleaning of equipments/pump house

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

9. Co-ordination and followup action with electric supply agency shall be done by the contractor in case of failure/fault in supply/fluctuation in voltage.
10. The contractor shall intimate the Engineer-in-Charge about the major breakdown or failure of electric supply in time.
11. Watch and ward shall be the responsibility of the contractor. Any loss due to theft or pilferage etc shall be borne by the contractor.
12. The payment to the contractor shall be made bi-monthly or at other suitable intervals desired by the contractor but not less than one calendar month.
13. Proper handing/Taking over of all the E/M installations shall be carried out by JE(E) in charge of the work and contractor in writing immediately after award of work/before start of work.
14. The Engineer-in-Charge if so desire, may extend the contract upto 2 months or terminate the contract at any time after giving 15 days notice.
15. If any staff employed by the contractor is found absent on a particular time and date an amount proportionate to per shift shall be recovered from the contractor's bill.



- 16 All allied accessories/installations shall be kept in working order and in case any damages/loss is done to the pumping installations due to the negligence of the operational staff deployed by the contractor, the contractor shall have to make good the damages/loss at his own cost. 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.
- 17 The contractor shall keep all the necessary spares and T&P at site required for operation and maintenance to be carried under his contract.
- 18 In case of any 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
- 19 The rates quoted by the contractor shall be inclusive of all taxes, duties and Govt levies etc.
- 20 Any injury to the operational staff in case of any mishap, during duty hours will be the liability of contractor.