

**DELHI DEVELOPMENT AUTHORITY
ELECTRICAL DIVISION NO.5
CENTRAL NURSERY SECTOR-5
DWARKA PHASE-I, NEW DELHI
(IN LIEU OF PWD-6)**

NIT No.39,40 & 41/EE/E.L.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, N. Delhi up to 3.00 PM on the date mentioned 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 PM 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. Firms enlisted/ approved for similar nature of works in appropriate class in CPWD (submit documents).
OR

2. Those who fulfills the following criteria:-

The applicant shall submit Self attested photocopies of completion certificates issued by an officer not below the rank of Ex.Engineer for (Name of specialized item/work) executed in central Government/State Government undertaking/Autonomous bodies are completed)

Three similar works of value not less than 40% of estimated cost or two similar works of value not less than 50% of the estimated cost or One work of 80% of the estimated cost (executed during last seven years) on or after (specify the day considering the date of issue of notice).

3. During security of the cases, the value of work executed by a firm some time earlier shall be brought to current costing level by enhancing the value of work done @ 7% per annum (calculated from date of actual completion to the current date without compounding) for eligibility criteria for above mention works.

The tender documents can be had on any working day from the office of Ex.Engineer(E), Elect. Divin.No.5/DDA between 11.00 AM to 3.00 PM on payment of cost of tender (non-refundable) mentioned against the work 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 the works contract cell in Form-XI. Sale of tender forms will be stopped 4 days(including 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, Receipts Treasury Challan / C.D.R./ F.D.R./D.D. of a 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.

PTO

SNo.	Name of work	Estt. Cost E. Money T. Cost	Last dt.of sale Dt.of opening	Time allowed.
1.	M/O Pump set and E.I. at various places in DWK. SH: Annual, Running, Operation and watch & ward Of clear water P/set & D.G. set at C.T.4 Sector-20 Dwarka Ph.I.	Rs.6,12,560.00 Rs. 12,251.00 Rs. 500.00	03-10-08 07-10-08	12 Months
2.	M/O completed/closed scheme of Dwarka zone. SH: A/R/M/O for clear water booster P/set and D.G. set and Sewage pump set at 560 Janta houses at Pkt.7 Nasirpur DWK. Ph.I.	Rs.2,50,626.00 Rs. 5,013.00 Rs. 500.00	03-10-08 07-10-08	12 Months.
2.	M/O completed/closed scheme at Dwarka. SH: Operation & Maintenance of lifts, D.G. set (200 KVA) Fire fighting pump sets, fire alarm system & common area lighting for 568 HIG Multistoreyed houses and Booster pump set, Submersible puypmp set & D.G. set for 448 LIG, 432 MIG & 568 HIG Du's at Sector 18-B Dwarka Ph.II – Annual maintenance of lifts (OTIS MAKE) At 568 HIG M.S. houses in Gr. I & II.	Rs.21,48,000.00 Rs. 42,960.00 Rs. 500.00	06-10-08 10-10-08	12 Months.

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

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

Dated:

- 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 & 4/El.D.5/DDA.(12)Tenderclerk,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,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,First Floor, Jwala Heri Market, Paschim Vi Div(C.W.G.)2/DDA1/1213Community Centre, Janak Puri, New Delhi.(27) Notice Board/ El.D.5/DDA. (28) Director (System) Through Website ddatender@dda.org.in.

EXECUTIVE ENGINEER(E)

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SCHEDULE OF WORK

NAME OF WORK:- M/O Completed/closed scheme of Dwarka zone SH: A/R/M/O for clear water booster pump set and D.G set and sewage pump set at 560 Janta houses at pocket-7 Nasirpur Dwarka ph-I

S.No.	Description of Item	Qty	Rate	Unit	Amount
1.	Operation of pumps and D.G set as per inventory and terms and conditions attached.	12 Months		P/Month	
2.	S/Replacement of following items:-				
1.	HPSV lamp 150 watt	2 Nos		Each	
ii	Copper wound polyster er filled Ballast suitable for 150 watt	2 Nos		Each	

INVENTORY

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|----|--|---------------------------------|
| 1. | Sewage Motor p/set 15 HP kirloskar make | 2Nos |
| 2. | Cubical panel board alongwith all accessories i.e starters, voltmeter, Ammeter, indicator etc. complete for 15 HP pumps and motor & main switches. | 1 ^{set} set |
| 3. | Suction and delivery line complete with NRV & sluice valve of 80mm & 100mm dia complete as reqd. | 1 set |
| 4. | 30HP p/set crompton greaves make | 2 sets |
| 5. | Cubical control panel for 30HP pumps i/c TP&N switch and all allied accessories complete with starter voltmeter, Ammeter, Indicator etc. as reqd. | 1 set |
| 6. | Suction and delivery line complete with all valves etc. as reqd. | 1 set |
| 7. | D.G set 55 KVA | 1 set |

Executive Engineer(E)/ED.5

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.

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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 Battery shall be of following make.
 a) Ballast - ----- Philips / Bajaj
 b) H.P.S.V Lamp----- Philips / Bajaj / Osram.
 c) Battery----- Exide / Standard//Amco.
24. Dismantal Material shall be returned to the deptt. except Battery.

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

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SCHEDULE OF WORK

NAME OF WORK:- M/O Pump set and EI at various places in Dwarka SH: Annual, Running, Operation and watch & ward of clear water p/sets & DG set at CT-4 sector-20 Dwarka phase-I

S.No.	Description of Item	Qty	Rate	Unit	Amount
1.	Operation of pumps/D.G set Sub-station equipment as per the inventory & terms and conditions attached.	1 Job for 12 months		Per month	
2.	Supplying & replacement of following items i/c testing etc complete as reqd.				
a.	HPSV lamp 70 watt	25 Nos		Each	
b.	Electronic ignitor suitable for 70 watt	25 Nos		Each	
c.	Copper wound polyster filled ballast suitable for 70 watt HPSV lamp	25 Nos		Each	

d. Fluorescent tube 40 watt

35 Nos

Each

e. Electronic ballast for 40 watt fluorscent
tube fittings.

25 Nos

Each

LIST OF INSTALLATION AT CT-4 SECTOR-20-

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|----|--|--------|
| 1. | Clear water P/sets coupled with 200 HP/150 KW Elec. Motor complete with liquid rotor starters. | 3 sets |
| 2. | Clear water p/sets coupled with 125 KW Elect. Motor complete with liquid rotor starters. | 3 sets |
| 3. | 5 HP horizontal type sub. p/set for filling of water tank complete with control panels | 9 sets |
| 4. | 5 HP & 3HP sub. p/sets complete with control panels | 2 sets |
| 5. | H.T. Panel | 1 set |
| 6. | 1000 KVA Transformers | 2 sets |
| 7. | 437.5 KVA DG set with control panel & batteries | 1 set |
| 8. | 20 KVA DG set with control panel & battery | 1 set |
| 9. | 10 KVA DG set with control panel & batteries | 3 sets |
| 10 | LT panel for operation of p/sets at Sl.No.1 & 2 | 1 set |
| 11 | 70 watt HPSV fittings | 52 Nos |
| 12 | 40 watt fluorescent tube light fittings | 70 Nos |

Executive Engineer(E)/El.D.5

TERMS AND CONDITIONS FOR ITEM NO.1

1. The work comprises of operation of pump sets, D.G. set, Sub-station equipments, and general lighting as per the inventory attached.
2. The contractor shall depute the following staff under the contract :-
 - a) Operator (E&M) - ~~2~~ Nos., ~~→~~ in each shift i.e. from 6.00 A.M. to 2.00 P.M., 2.00 P.M. to 10.00 P.M. and from 10.00 P.M. to 6.00 A.M. - ~~1~~ No.
(Total - 4 Nos.)
 - b) Khallasi - 3 Nos. (1 No. in each shift) from 6.00 A.M. to 2.00 P.M., 2.00 P.M. to 10.00 P.M. and from 10.00 P.M. to 6.00 A.M.
 - c) Electrician shall attend the site of work between 9.00 A.M. to 5.00 P.M. at least once in a week and as and when required.
 - d) Sweeper - 1 No. from 9 A.M. to 5 P.M.
3. The contractor shall employ trained and competent operators to the satisfaction of Engineer-in-charge having two years experience of operation of pump/D.G. set.
4. The contractor shall supply the list of staff along with 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.
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 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 of pump, D.G. set & sub-stn. Equipment.
- 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. Preventive maintenance for D.G. set and sub-station equipment HT and LT panel as per CPWD schedule for maintenance shall be carried out by the contractor. The details of work carried out shall be recorded in the log book. In addition to above the following minor maintenance shall also be carried out :-

- a. servicing and greasing of pumps/motors.
- 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 & indicating lamp as and when required.
- e. Replacement of diesel filter, Oil filter & air filters of D.G. set.
- f. Adjustment & alignment of pump set tightening of nuts and bolts as and when required.
- g. Replacement of burnt out thimbles, wire terminals etc.
- h. top up of battery water & coolant of D.G. set.

: 3 :

- i. Daily cleaning of equipments/pump house.
- j. Testing of earth resistance of Elect. Panel motor & starter of the 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 for operation & servicing of D.G. set.
- 10. The maintenance of Internal Elect. Installation i/c compound lighting shall be carried out within the quoted rates except item No.2 of schedule of work.
- 11. 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.
- 12. The contractor shall intimate the Engineer-in-charge about the major breakdown or failure of electric supply in time.
- 13. Watch and ward shall be the responsibility of the contractor. Any loss due to theft or pilferage etc. shall be borne by the contractor.
- 14. The payment to the contractor shall be made bi-monthly.
- 15. Proper handing/taking over of all the E&M installations 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.
- 16. The Engineer-in-charge, if so desire, terminate the contract at any time after giving 15 days notice.

17. If any staff employed by the contractor is found absent on a particular time and date, an amount at the rate of min. fair wage applicable per shift shall be recovered from the contractor's bill for the respective staff.
18. 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.
19. The contractor shall keep all the necessary spares and T&P at site required for operation and maintenance to be carried under his contract.
20. 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.
21. The rates quoted by the contractor shall be inclusive of all taxes, duties and Govt. levies etc.
22. Pumping installation shall be painted (excluding control panel) once during the contract period. Painting of Sub-station equipment & D.G. set is not included.
23. Any injury to the operational staff, in case of any mishap, during duty hours will be the liability of contractor.

24. All the tests shall be carried out as stated in the schedule of maintenance as per ~~directions~~ of Engineer-in-charge. The tests shall be carried out in presence of Engineer-in-charge or his representative and the test results shall be submitted in duplicate.