

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

NIT No. 34, 37, 38, 42, 44 & 45 / 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, N. Delhi up to 3.00 PM on 30.09.08 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 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.

SNo.	Name of work	Estt. Cost E. Money T. Cost	Last dt.of sale Dt.of opening	Time allowed.
1.	M/O completed/closed scheme at Dwarka zone SH: A/R/M/O of booster pump set & DG set at 212 SFS in Pkt.I Sector-6 Dwarka Ph.I – Repairing of monoblock booster P/set No.2 vaccum pump set & D.G. set.	Rs.27,097.00 ✓ Rs. 542.00 ✓ Rs. 150.00	26-9-08 30-9-08	10 days.
2	M/O completed/closed scheme of Dwarka zone SH: annual, Operation & Maintenance of Submersible P/sets alongwith D.G. set at Tubewell No. T-5, T-6 Sector-11 Dwarka Ph.I – Repairing of 7.5 KVA D.G. set at T-5 Sector-11 Dwarka.	Rs.23,379.00 ✓ Rs. 468.00 ✓ Rs. 150.00	26-9-08 30-9-08	10 days.

3	M/O completed/closed scheme at Dwarka SH: A/R/M/O of pump set & D.G. set for clear water supply at 792 MIG houses at Sector-17 Pkt.A Dwarka Ph.II – Servicing of D.G. set and supply and replacement of main switches.	Rs.90,549.00 ✓ Rs. 1,811.00 ✓ Rs. 150.00	26-9-08 30-9-08	15 days.
4	M/O work completed/closed scheme at Dwarka SH: A/R/M/O of pump set & DG set for clear water supply at 976 LIG houses at Sector-14 Pkt.I Dwarka Ph.II – Servicing & repairing of D.G. set.	Rs.32,529.00 ✓ Rs. 651.00 ✓ Rs. 150.00	26-9-08 30-9-08	10 days.
5	M/O work completed/closed scheme at Dwarka SH: A/R/M/O of Booster P/set & D.G. set for clear water supply at 292 MIG at Sector 17 Pkt.D Dwarka Ph.II.	Rs.1,97,638.00 ✓ Rs. 3,953.00 ✓ Rs. 500.00	26-9-08 30-9-08	12 Months.
6	M/O completed/closed scheme of Dwarka Zone SH: Annual, Running, Operation & Maintenance of clear water booster pump sets & D.G. set at 608 Du's Pkt.16 Sector-3 Dwarka Ph.I.	Rs.1,98,223.00 ✓ Rs. 3,964.00 ✓ Rs. 500.00 ✓	26-9-08 30-9-08	12 Months.

Executive Engineer(E)  
Elect. Divin. 5/ DDA.

No:F.3 (5)/El.D.5/A/Cs/DDA/08-09/ 1182

Dated: 17/9/08

1. CE (E),D-3, V.Kunj,DDA. (2) FO to CE(E),D-3,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.Flyover No.1/DDA.(6)AO(CAU)/DWK./DDA.(7)AAO/El.D.5/DDA.(8)H/C/El.D.5/DDA.(9)AE(P)/El.D.5/DDA. (10) AO(W)-II,Vikas Sadan,DDA.(11)AE(E) I &3/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 entrance 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.5503Ch. 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 Vihar N.D.63.(26) Elect. Div(C.W.G.)2/DDA,B-1/12-13 Community Centre, JanakPuri, 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 work completed/closed scheme at Dwarka SH: A/R/M/O of pump set & DG set for clear water supply at 976 LIG houses at sector-14 pkt-I Dwarka ph-II-- Servicing & repairing of D.G set

S.No.	Description of Item	Qty	Rate	Unit	Amount
1.	Repairing of star Delta starter suitable for 50HP p/set i/c supply and replacement of following parts connection, testing etc. as reqd.				
1.	Connector Block	1 No		Each	
2.	Repairing & Servicing of 82.5 KVA D.G set (kirloskar make) i/c of supplying & replacement of following items, testing etc. as reqd.				
1.	Diesel and oil filter- 1set				
ii	Repairing and servicing of self starter-1Job				
iii	Fuel pump repairing and calebration- 1Job				
iv	Collant- 5 Ltr				
v.	Repairing & servicing of Radiator- 1Job				
vi	Fuel pipe- 2Nos				
vii	Engine oil- 20 Ltr	1 Job		Job	
3.	Supply & replacement of 12 V. 17 plate 120 AH m Battery i/c initial charging connection, testing etc. as reqd.	2 Nos		Each	

## TERMS & CONDITIONS

1. The work shall be carried out as per specifications & conditions of the Agreement and to the entire Satisfaction of Engineer-in-Charge.
2. No T&P shall be issued by the Department.
3. The spare parts to be used at site for execution of work shall be of fitment to manufacturers existing items.
4. A Guarantee letter for a period of Six months for the work executed by the agency shall be submitted to the department.
5. Dismantalled materials shall be returned to the department except battery.

# SCHEDULE OF WORK

NAME OF WORK:- M/O work completed/closed scheme at Dwarka SH: A/R/M/O of Booster p/sets, D.G sets for clear water supply at 292 MIG sector 17 pocket- D Dwarka phase-II

S.No.	Description of Item	Qty	Rate	Unit	Amount
1.	Operation of pump/D.G set as per the inventory <i>and</i> terms and conditions <del>attached</del>	12 Months		P/Month	
2.	Supplying and replacement of following items				
a.	HPMV 70 watt <i>Lamp.</i>	2 Nos		Each	
b.	Copper wound polyster filled ballast 70 watt	2 Nos		Each	
3.	Supply & replacement of 12 V 25 plate 180 AH Battery including initial charging connection testing etc. as reqd.	1 Ng		Each	



# INVENTORY

## PART-A

### Booster pump

1. 20 HP centrifugal p/set	2sets
b. 5 HP vaccum p/set	1 set
c. Control panel comprising of	
i. 125 amps TP main incomer disconnecter switch with HRC fuses (L&T make)	1No
ii 63 amps TP disconnecter switch with HRC fuses (L&T make)	3 Nos
iii Star delta starter ML-20 (L&T make)	2 Nos
iv DOL starter for vacuum pump (Cuttler hammer)	1 No
v. Single phase <del>over</del> preventor	2 Nos
vi Ring 0-60 Amps ammeter	2 Nos
vii 0-500 Volt meter with selector switch	1 set
viii MCB 40 amp DP MCB	1 No
15 amp DP MCB	1No
10 amp SP MCB	5 Nos

### D. Detail of valves

i. Sluice valve 150mm	2 Nos
ii Sluice valve 100mm	2 Nos
iii Non return valve 100mm dia	3 Nos
Alongwith C.I pipe fitting of rise 100mm dia	150mm

## PART-B

a. 25 KVA DG set	1set
b. control panel comprising of	
i 4 pole 100 amp changeover switch off load	1No
ii 100 amp TP MCB	1 set
iii Energy meter	1 No
iv Earth Fault relay	1No
v. KE meter	1No
vi voltmeter 0-500 V with selector switch	1No
vii 0-60 amp ammeter	1No
viii frequency meter	1No
ix P.F. meter	1 No
x. Battery 12 V exide make	1 No
xi Diesel tank	1No



## 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.

C .....  
 A .....  
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 J. B. (T)

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 A. B. (P)



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/DDA.

C

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# SCHEDULE OF WORK

NAME OF WORK:- M/O Completed/Closed Scheme houses of Dwarka Zone SH: Annual, Running, Operation & Maintenance of clear water booster pump sets & D.G set at 608 DUs pkt-16 sector-3 Dwarka ph-I

S.No.	Description of Item	Qty	Rate	Unit	Amount
1.	Operation of pump/D.G set as per the inventory and terms and conditions attached.	1 Job for 12 months		Per Month	
2.	Supplying and replacement of the following Items				
a.	H.P.S.V lamp-70 watt	4 Nos		Each	
b.	Copper wound polyster filled ballast 70 watt	3 Nos		Each	
3.	Supply & replacement of 12 Volts, 21 plate 150AH, Battery i/c initial charging connection, testing etc. as reqd.	1 No.		Each	

# INVENTORY

## Part-A

### (i) Booster Pumps

- (a) 20HP Centrifugal Pump set .....2Nos.
- (b) 5HP Vacuum Pump for Priming of above Pump set .....1Nos.
- (c) Control Panel comprising of Main switch, Starters, Ampwemeter, Voltmeter etc. ....1Set
- (d) Details of Valves ;
  - i) 100 MM dia (Suction) .....2 Nos.
  - ii) 80 MM dia (Delivery) .....2 Nos.

## Part-B

### (i) DG Set

- (a) Capacity ..... 30KVA
- (b) Control Panel comprising of complete accessories ...1 Set

## Part-C

Dewatering Pump Set .....1 Set

## Part-D

Water Level Indicator .....1No.

## Part-E

- (a) Internal Electrical Installation completed .....2 Nos
- (b) External Electrical Installation completed .....4 Nos  
(compound lighting etc.)

*Q/m*  
*JEK*