

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

NIT No.24,26,28,31,32 & 33/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 05.09.08 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 En-listment 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. 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 of DWK. Zone. SH:A/R/M/O of clear water booster pump set and D.G. set at 328 Du's at Pkt.6 site-2 DWK. Nasirpur DWk.Ph.I.	Rs.1,90,148.00 Rs. 3,803.00 Rs. 500.00	02-9-08 05-9-08	12 Months
2.	M/O Pump sets & E.I. at various places at Dwarka. SH:A/R/M/O of booster P/set & D.G.set at C.T.1 Pkt.1 Sector-7 DWK. Ph.II – A/R/M/O of D.G.set & Sub. P/set and Street lighting at C.T.1 Sector-7 Dwarka.	Rs.1,96,513.00 Rs. 3,930.00 Rs. 500.00	02-9-08 05-9-08	12 Months

3.	C/O Approved road from Dwarka to NH.8 (Old Delhi Gurgaon Road) through contentment Area. SH: A/R/M/O of street lights on main carriage way service road, underpass i/c drainage pump & D.G.sets installed in the underpass – Repairing of storm water P/set and D.G. set.	<u>Rs.1,99,100.00</u> <u>Rs. 3,982.00</u> <u>Rs. 500.00</u>	<u>02-9-08</u> <u>05-9-08</u>	15 Days
4.	M/O completed/closed scheme of DWK Zone. SH:A/R/M/O of clear water booster P/set and D.G. set at 198 HIG (M.S.) houses in Sector-12 Pkt.8 DWK. Ph.I.	<u>Rs.1,95,000.00</u> <u>Rs. 3,900.00</u> <u>Rs. 500.00</u>	<u>02-9-08</u> <u>05-9-08</u>	12 Months
5.	M/O work completed/closed scheme of DWK. SH:A/R/M/O of booster P/set and D.G. set for clear water supply at 360 MIG & 864 LIG houses at Sector-14 Pkt. B DWK. Ph.II.	<u>Rs.1,97,322.00</u> <u>Rs. 3,946.00</u> <u>Rs. 500.00</u>	<u>02-9-08</u> <u>05-9-08</u>	12 Months
6.	M/O completed/closed scheme of DWK Zone. SH:A/R/M/O of clear water booster P/set and D.G. set at 452 Du's at Pkt.1 Sector-12 Dwarka.	<u>Rs.1,96,216.00</u> <u>Rs. 3,924.00</u> <u>Rs. 500.00</u>	<u>02-9-08</u> <u>05-9-08</u>	12 Months

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

No:F.3(5)/El.D.5/A/Cs/DDA/08-09/ 1040

Dated: 22/8/08

- 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)-1,2,4&AE(P)/El.DS.5/DDA.(12)Tenderclerk,Tend 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,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)

SCHEDULE OF WORK

NAME OF WORK:- 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 360 MIG & 864 LIG houses at sector-14 pkt-B Dwarka ph-II

S.No.	Description of Item	Qty	Rate	Unit	Amount
1.	Operation of pumps/D.G set as per the inventory and terms and conditions attached.	1 Job for 12 months		P/Job p/Month	
2.	Supplying and replacement of the following items				
a.	HPSV lamp-70 Watt	4 Nos		Each	
b.	Copper wound polyster filled ballast 70 watt	3 Nos		Each	
3.	Supply & replacement of 12V, 25 plate 180 AH Battery including initial charging connection testing etc. as reqd.	1 No		Each	

DETAIL OF INVENTORY OF THE PUMP HOUSE

S.No.	Description of Item	Qty
1.	Centrifugal p/set 40HP capacity Motor make:- NGEF, Pump make (kirloskar)	2 sets
2.	Vaccum pump set 5HP capacity Motor-NHEF, pump (kirloskar make)	1set
3.	i) 200mm dia sluice valve(kirloskar make)	2 No
	ii) 150mm dia sluice valve (kirloskar make)	2 Nos
4.	150mm dia non return valve (fluse make)	3 Nos
5.	20mm dia foot valve (kirloskar make)	2 Nos
6.	pressure gauge of 6" dia	2 Nos
7.	Dewatering pump set of 1HP(kirloskar make)	1No
8.	Water level indicator	1No
9.	i) 250 amps TP disconnecter with HRC fuses	1No
	ii) 125 amps TP disconnecter with HRC fuses	2Nos
	iii) ML-3 star delta starter (L&T)	2 Nos
	iv) DOL starter	1 No
	v) power capacitor (Isha make)	1No
10	62.5 KVA DG set <i>with battery</i>	
	i) Make of diesel engine (kirloskar make)	1 set
	ii) A.C Generator (crompton Greaves)	1set
	iii) D.G Control panel with accessories	1 set
	iv) Battery charger	1No
11	Exhaust fan 18"	1 No
12	Ceiling fan	1No
13	Light/fan pt	14 Nos
14	70 watt fitting with brackets	4 Nos

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.

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. Divn. No.5/DDA.

[Signature]
AEC/9

[Signature]
J.E.E/1

SCHEDULE OF WORK

NAME OF WORK:- M/O Completed/closed scheme of Dwarka zone SH: Annual, Running, Operation and maintenance of clear water booster pump sets & D.G set at 452 DUs at pkt-I Sector-12 Dwarka

S.No.	Description of Item	Qty	Rate	Unit	Amount
1.	Operation of pumps/D.G set as per the inventory and terms and conditions attached.	1 Job for 12 Months		per Job per Month	
2.	Supplying and replacement of the following items				
a.	HPSV lamp 150 watt	2 Nos		Each	
b.	Copper wound polyester filled ballast suitable for 150 watt	2 Nos		Each	
3.	Supplying and replacement of 12V 21 plate 150AH Battery i/c initial charging connection, testing etc. as reqd.	1 No		Each	

DETAIL OF INSTALLATION TO BE OPERATE AND MAINTAIN

i. Electric motor Driven p/set 25HP /18.5KW kirloskar make	2 Nos
ii foot valve 150mm kirloskar make	2 Nos
iii sluice valve 100mm (kirloskar make)	2 Nos
sluice valve 80mm (kirloskar make)	2 Nos
iv Glass Indicator	3 Nos
v. Reducer 150mm/100mm kirloskar make	2 Nos
vi Non return valve 100mm kirloskar make	1 No
Non return valve 80mm kirloskar make	2 Nos
vii Gate valve 40mm dia	2Nos
Gate valve 20mm dia	2Nos
viii pressure gauge 0-7 kg /sqcm	2 Nos
pressure gauge 0-760 MM/ Hg	
ix Bend 80mm/100mm	2Nos
x, Tee 80mm/100mm	2 Nos
PANEL BOARD	
i. Main switch 125 amps standard	1No
ii Bus bar set	1 Set
iii Star delta starter Bhartia Cuttler Hammer	2 sets
iv Single phase preventor (minelic)	2set
v. main switch 63 amps with HRC fuses standard make	2sets
vi Ampear meter 0-60 AE make	2Nos
vii Volt meter 0-500 AE make	1No
viii TPN MCB 32 amps standard make	1No
ix DP MCB 32 amps standard make	1No
x Selector switch selzer make	4Nos
xi Teggle switch and indicating lamp	3Nos
VACCUM PUMP SET	
i. Electric motor driven Vacuum p/set kirloskar make 5 HP	1No
ii Main switch 32 amps standard make	1No
iii Star delta starter Bhartia cuttler Hammer	1No
iv Amp meter 0-30 AE make	1No
SUBMERSIBLE Pump Set	
Submersible p/set KSB make 5HP with 160 ft. GI pipe 150mm dia i/c sub. cable	1Set

contd....

DG set

- | | |
|--|------|
| i. 30 KVA DG set with alternator (kirloskar make and diesel engine (simpsons make) and battery sahani make | 1Set |
| ii Diesel tank capacity 80 ltr | 1 No |
| iii Panel board with all accessories | |
| a. Amp meter 0-60 A) AE make | 1No |
| b. Frequency meter 45-55 HZ AE make | 1No |
| c. volt meter 0-600 amps AE make | 1No |
| d. TP MCB 32 amps | 1No |
| e. selector switch | 2Nos |
| f. Indicating lamp | 2Nos |
| iv Changeover switch 100 amps Havells make | 1No |
| v. Fire extinguisher | 1No |
| vi Liquid level indicator (hemilton make) | 1No |
| vii Coppling make Guard | 2No |
| viii Water tank 500 ltr | 2Nos |
| ix Bucket stand | 1No |
| x. Bucket | 6Nos |

COMPOUND LIGHTING EXTERNAL ELECTRIFICATION

With ¹⁵⁰~~20~~ watt HPMV fitting Bajaj make

4Nos

INTERNAL ELECTRIFICATION

- | | |
|---------------------------------|-------|
| i. Light point | 10Nos |
| ii Power point 2Nos | 2Nos |
| iii 5 amp socket | 2Nos |
| iv S.D.B Montel make | 8 way |
| v. DP MCB 40 amps | 1No |
| vi 6 amp SP MCB Montel make | 2Nos |
| vii 16 amps SP MCB Montel make | 2No |
| viii 20 amps SP MCB Montel make | 2Nos |

Executive Engineer (E)/ED.5