

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

NIT No 47, 65, 66 /EE/EI.D.5/DDA/09-10 (FOR SPECIALISED WORK).

Sealed item rate tenders 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 11-12-09 on behalf of DDA from the approved contractors of appropriate class of DDA, CPWD, Railway, MES, P&T and 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 contractors 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 of the two dates i.e. original date of sale of tender or on the extended date of sale of tender

1. The annual financial turnover (gross) of Elect. Construction works in one of the preceding three financial years shall not be less than 100% of the estimated (gross) value of the work (duly 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 of 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)/EI.D.5/DDA between 11.00 AM to 3.00 PM on payment of cost of tender (non-refundable) mentioned against each 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 in cash up to Rs.10,000/- 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 zone 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.

S.No.	Name of work.	<u>Estt. cost.</u>	<u>Last dt. of sale</u>	Time allowed
		<u>E. Money</u> T. Cost.	<u>Dt. of opening</u>	
1.	C/O Approach Road from Dwarka Dwar to NH-8 (Old Delhi Gurgaon Road) through Cantonment area SH: A/R/M/O of Street Lighting on main carriage way service road, underpass i/c drainage pumps & D.G. set installed in underpass – Repairing of Sub. P/sets, D.G. set & control panels.	Rs. <u>1,92,222.00</u> Rs. <u>3,844.00</u> Rs. 500.00+ 4% D. VAT.	<u>08-12-09</u> <u>11-12-09</u>	10 days.

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|--|--|------------------------------------|------------|
| 2. M/O completed/closed scheme of Dwarka zone SH: A/R/M/O of clear water booster Pump set and D.G. set and sewage pump Set at 560 Janta houses at Pkt.7, Nasirpur Dwarka Ph.I. | Rs. <u>2,75,388.00</u>
Rs. <u>5,508.00</u>
Rs. 500.00+
4% D. VAT. | <u>08-12-09</u>
<u>11-12-09</u> | 12 Months. |
| 3. M/O completed/closed scheme of Dwarka SH: Annual, Running, Operation & Maintenance of Sub. Pump set alongwith D.G. set at Tubewell Nos. T-5, T-6 at Sector-11 Dwarka Ph.I. | Rs. <u>4,12,251.00</u>
Rs. <u>8,245.00</u>
Rs. 500.00+
4% D. VAT. | <u>08-12-09</u>
<u>11-12-09</u> | 12 Months. |


 Executive Engineer (E)/El.D.5/DDA.

No: F.3 (5)/El.D.5/A/Cs/DDA/09-10/1722 Dated: 11/12/09
Copy to:

1. FO to CE (E), D-3, V. Kunj DDA. (2) SE (E)-1, Office Complex Manglapuri, DDA. (3) EE(QCC)-E, Vikas Sadan DDA. (4) EE/El.D.1, 4, 6, 7, 8, 9, 10, 11, 12 & Elect. Flyover Divn. No.1/DDA. (5) AAO/El.D.5/DDA. (6) H/C/El.D.5/DDA. (7) AE(P)/El.D.5/DDA. (8) AE (E), 1, 2, 3, 4/El.D.5/DDA. (9) AO(W)-II, Vikas Sadan, DDA. (10) Security Officer Vikas Minar, DDA. (11) Tender Sale clerk, Vikas Minar, DDA. (12) Tender Sale Clerk CAU(DWK), DDA. Sr. AO(CAU) DWK. DDA. (13) DDA Builders Association (Regd.) C-29, Panchsheel Enclave, N. Delhi. (14) DDA contractors Welfare Association (near entrance barrack No.1) Vikas Kuteer, N. Delhi. (15) DDA contractors Association, 48-A, E-18, Vikas Kuteer, N. Delhi. (16) Th Secty. CPWD contractors Welfare Association (Regd.) Y-Shape Bldg., I.P. Estate, N. Delhi. (17) The Gen. Secy. Contractor Association (regd.) Gali Arya Samaj Bazar Sita Ram, Delhi-110006. (18) Elect. Engrs. Contractor Association 2362/1 Maharaja Complex West Patel Nagar, N. Delhi. (19) Elect. Contractor Association (Regd.) 41-A, Ph. II, Mayapuri Indl. Area, N. Delhi. (20) The contractors & Builders Association (Regd.) H.N.5503 Ch. Prem Raj Bhavan, Ch. Bhim Singh Road, New Chandrawal Delhi-7. (21) The sales tax officer, works contract cell, Bikrikar Bhavan I.P. Estate, N. Delhi. (22) The Secy. (CRB), Vikas Minar, N. Delhi. (23) All Delhi DDA & MCD contractors Welfare Association (Regd.), 253, Partap Khand Vishwekarma Nagar, Delhi-95. (24) Delhi contractors Welfare Association (Regd.) 88-B, First Floor, Jwala Heri Market, Paschim Vihar N. Delhi-63. (25) Elect. Divn. (CWG)-2/DDA, Vikas Minar, N. Delhi. (26) Notice Board/El.D.5/DDA. (27) Elect. Divn. (CWG)-3, Siri Fort Khel Goan, DDA, New Delhi. (28) Director (System) Through website ddatender@dda.org.in

"Visit DDA Website – dda.org.in or Dial 39898911


 EXECUTIVE ENGINEER (E)


SCHEDULE OF WORK

NAME OF WORK:- C/O Approach Road from Dwarka Dwar to NH-8 (Old Delhi Gurgaon road) through cantonment area
SH: A/R/M/O of street lighting on main carriage way service road, underpass i/c drainage pumps & D.G set installed in underpass-Repairing of sub. P/sets, DG set & control panels.

S.No.	Description of Item	Qty	Rate	Unit	Amount
1.	Repairing & rewinding of submersible pump set of K.S.B make Model KRTE 150-315/160-16KW alongwith supply & replacement of following parts i/c dismantalling, lowering water proof cable jointing re-assembling of C.I. delivery line connection testing etc complete as read.				
i.	Wound stator	1Set			
ii	Mechanical seal	1 set			
iii	Gasket set	1 set			
iv	Taper lock	1 set	1 Job	Job	
2.	Rewinding & repairing of sub. p/set ^{of} K.S.B make model K.R.T.U P.K. 100-260/74 9.5 KW alongwith supply & replacement of following parts i/c dismantalling, lowering, water proof cable jointing, re-assembling of C.I. delivery line, connection, testing etc complete as read.				
i.	Rewinding	1set			
ii	Mechanical seal	1set			
iii	Gasket kit	1set			
iv	S.P. sleeve	1 set			
v.	'O' ring set	1No	1 Job	Job	

2/-

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|----|---|-------|-----|
| 3. | Supply & replacement of A.V.R-AS 440 for 125 KVA
D.G set AMF panel cummins make i/c connection
testing etc complete as read. | 1 Job | Job |
| 4. | Supply & replacement of M.C.C.B 200 amps rating
440 volt 3 phase D.M. series (DM 250) in AMF panel
i/c connection testing etc complete as read. | 2 Job | Job |
| 5. | Supply & replacement of power contactor MC-33
in AMF panel i/c connection testing etc.
complete as read. | 1 Job | Job |


11/12/09
Executive Engineer
Elect. Division No. 7
D. D. A.

ADDITIONAL CONDITIONS

1. The work shall be carried out as per CPWD specifications and conditions of the ~~Engineer-in-Charge~~. *agreement to the entire satisfaction of Engineer-In-charge.*
2. No T&P shall be issued to the agency
3. The agency shall quote discount on a/c of dismantled materials separately.
4. The material/spares shall be got approved from the Engineer-in-charge before use at site.
5. The item to be used at site shall be as per fittment of the manufacturer of existing items.
6. The rates quoted by the contractor shall be firm and should be inclusive of all Govt. taxes duties & levies etc.
7. Any damage caused to the installation during execution testing & commissioning shall be responsibility of the contractor and shall be made good at their own cost.
8. Firm shall stand Guarantee for a period of 6 months for the work executed by them and defect noticed during the guarantee period shall have to be set right free of cost.
9. Free trial run of pump sets on load shall be carried out by the agency free of cost (for 1/2 hrs. p/day for three days)
10. Nothing shall be paid extra for any hardware/packing rubber insertion etc required for the work.



Executive Engineer(E)/ED.5

SCHEDULE OF WORK

NAME OF WORK:- M/O Completed/closed scheme of Dwarka zone

SH: A/R/M/O of clear water booster pump set and D.G set and sewage pump set at 560 Janta houses at pkt-7, Nasirpur Dwarka phase-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	

11/12/07
Executive Engineer
Elect. Division No. 1
D. D. A.

INVENTORY

1. Sewage p/set 15 HP kirloskar make 2 Nos
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
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- 3 Nos., one in each shift i.e. from 6 A.M. to 2 P.M. and from 2 P.M. to 10 P.M., 10 PM to 6 AM.
 - 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 FI. 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.


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

SCHEDULE OF WORK

NAME OF WORK:- M/O Completed/closed scheme of Dwarka SH: Annual, Running, Operation & Maintenance of Sub. Pump set alongwith D.G set at Tubewell Nos- T- 5, T-6 at sector-11 Dwarka ph-I

S.No.	Description of Item	Qty	Rate	Unit	Amount
1.	Operation of Sub. pump sets and D.G set as per inventory and terms and conditions attached.	1 Job for 12 months		P/Month	
2.	Supply and replacement of the following items				
i.	HPSV lamp 150 watt	4 Nos		Each	
ii	Copper wound polyster filled ballast 150 watt	2 Nos		Each	
3.	Supplying and replacement of 12 volts, 15 plate 99 A.H. Battery i/c initial charging connection, testing etc. as reqd.	1No		Each	

[Signature]
11/12/09
Executive Engineer
Elect. Division No. 1
D. D. A

INVENTORY

(A)

Sub-P/Set (For T-5)

- (A) 5.H.P. Sub-P/Set - 1 No.
- (B) Control Panel Comprising of accessories mounted there on.
 - (i) 63 Amp TPN Fuse unit front operated with HRC fuses- 1 No.
 - (ii) 60 Amp 4 pole on load changeover switch - 1 No.
 - (iii) Voltmeter 0-500 volts 96 mm square type-1 No.
 - (iv) Ammeter 0-30 Amp 96 mm square type - 1 No.
 - (v) Neon type pilot lamp with 5 Amp piano type switch including accessories and 3 Nos. flush type-1 set.
 - (vi) Single phase preventor cum water level guard with copper wire and prods- 1 No.
 - (vii) Power shunt capacitor - 1 No.
 - (viii) Aluminum bus bar 300 mm long 4 strips 100 Amp 1 Set.
 - (ix) D.O.L. Starter with over load relay - 1 No.
 - (x) Danger notice plate 1 No.
 - (xi) 32 Amp D.P. - 2 Nos.
 - (xii) N.R.V. - 1 No.
 - (xiii) Sluice valve - 2 No.

(B)

D.G. Set (For T-5)

- (a) Capacity 7.5 K.V.A - 1 No.
- (b) Control panel comprising of accessories mounted thereon.

(C)

Internal Electrical Installation - 2 Nos. (Light Points)


Internal Electrical Installation (Compound Light) - 3 Nos.

Executive Engineer
Elect. Division No. 4
D. D. A

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- 3 Nos., one in each shift at Tubewell T-5 in Sector-11.
 - b) Operator- 3 Nos. one in each shift at I Tubewell T-6 in Sector-11.
 - 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. Divin. No.5/DDA.