

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

NIT No. 43,47,49,50,51,53,54,27(RE-INVITED),46 & 52 / EE / El. D. 5/ DDA/ 08- 09 (FOR SPECIALISED WORKS)

Sealed item rate tender are Re- 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 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.

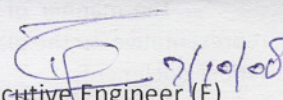
The tender documents can be had on any working day from the office of Ex. Engineer (E), Elect. Divin.No.5/DDA between 11.00 AM to 3.00 PM on payment of cost of tender (non-refundable) as well as Earnest Money mentioned against the work on production of valid Enlistment Registration Certificate and valid 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 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 work completed/closed scheme at Dwarka Zone SH: A/R/M/O of booster P/set & D.G. set at 1776 S.R.T. at Sector 16-B Pkr.2 Dwarka.	Rs.2,07,631.00 Rs. 4,153.00 Rs. 500.00	13.10.2008 17.10.2008	12 Months.
2	M/O completd/closed scheme of Dwarka Zone SH: Operation and Maintenance of lifts, Electric driven fire pump sets, Diesel Engine driven pump sets for firefighting system, P.A. system, D.G. set and common area lighting at 198 HIG (M.S.) houses in Sector-12 Pkt.8 Dwarka.	Rs.8,58,628.00 Rs. 17,173.00 Rs. 500.00	13.10.2008 17.10.2008	12 Months.
3	M/O P/sets & E.I. at various places in Dwarka SH: A/R/M/O of Sub. P/set and D.G. sets around C.T.4 at Sector-20 & 23 Dwarka Phase-I.	Rs.4,29,994.00 Rs. 8,600.00 Rs. 500.00	13.10.2008 17.10.2008	12 Months.
4	M/O work completed/closed scheme of Dwarka Zone SH: A/R/M/O of booster pump sets & D.G. set at 620 LIG houses at Pkt.4 Sector-11 Dwarka Phase-I.	Rs.2,47,610.00 Rs. 4,952.00 Rs. 500.00	13.10.2008 17.10.2008	12 Months.

	SH: A/R/M/O of booster pump sets & D.G. sets at 1760 Janta Du's Pkt. B and 528 LIG Du's in Pkt. C at Sector 16-B Dwarka Phase-II.	Rs. 4,275.00 Rs. 500.00		
6	M/O Pump set and E.I. at various places in Dwarka Ph.I SH: A/R/M/O of booster P/sets & D.G. set at command Tank No.1 Sector-7 Dwarka Phase-I – A/R/M/O of D.G. set & Sub. P/set & compound lighting at C.T.No.1 Sector-7 Dwarka.	Rs.2,81,290.00 Rs. 5,626.00 Rs. 500.00	13.10.2008 17.10.2008	12 Months.
7.	M/O completed /closed scheme of Dwarka SH: Annual Running Operation & Maintenance of Sub. Pump set along with D.G. set at Tube well Nos. T-5, T-6 at Sector-11 Dwarka Phase-I.	Rs.3,78,683.00 Rs. 7,574.00 Rs. 500.00	13.10.2008 17.10.2008	12 Months.
8.	M/O completed/closed scheme at Dwarka for 440HIGMultistoreyed Houses at Sector 19-B Dwarka SH: Operation and maintenance of Lifts, 250 KVA D. G. set, fire fighting pump sets, fire alarm system, common area lighting and clear water booster pump set along with D.G. set – Annual comprehensive maintenance of lifts.(Re-invited)	Rs.13,34,304.00 Rs. 26,686.00 Rs. 500.00	17.10.2008 21.10.2008	12 Months.
9.	M/O completed/closed scheme at Dwarka for 440 HIG Multistoreyed houses at Sector 19-B Dwarka SH: Operation and Maintenance of lifts, D.G. set , fire fighting pump set, fire alarm system, P.A. system, common area lighting, clear water booster P/set etc.	Rs.14,55,408.00 Rs. 29,108.00 Rs. 500.00	17.10.2008 21.10.2008	12 Months.
10.	C/O approach Road from Dwarka Dwar to NH-8 (Old Delhi Gurgaon Road) through cantonment Area SH: Running, Maintenance and Operation of Street lights on Main Carriage way, Service Road underpass, i/c Drainage pumps & D.G. sets installed in the underpass.	Rs.14,59,701.00 Rs. 29,194.00 Rs. 500.00	17.10.2008 21.10.2008	12 Months.


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

No: F.3 (5)/EI.D.5/A/Cs/DDA/08-09/ 1274 Dated: 7/X/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/EI.D.1,4,6,7,8,9,10,11,12 & Elect.Flyover No.1/DDA.(6)AO(CAU)/DWK./DDA.(7)AAO/EI.D.5/DDA.(8)H/C/EI.D.5/DDA.(9)AE(P)/EI.D.5/DDA. (10) AO(W)-II,Vikas Sadan,DDA.(11)AE(E) I &3/EI.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.) Gali Arya Samaj Bazar Sita Ram, Delhi. 110006 (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 (27) Notice Board/ EI.D.5/DDA. (28) Director (System) Through

SCHEDULE OF WORK

NAME OF WORK:- M/O work Completed/closed Scheme at Dwarka zone SH: A/R/M/O of Booster P/set & D.G set at 1776 S.R.T at sector 16-B pkt-2 Dwarka.

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.	HPSV lamp-70 watt	4 Nos		Each	
b.	Copper wound polyster filled ballast 70 watt	3 Nos		Each	
3.	Supply and replacement of 12 V, 25 plate 180 AH Battery including initial charging connection testing etc. as reqd-1No	1 No		Each	

INVENTORY

PART-A

1. Booster pumps
 - a. 75 HP centrifugal p/set 2 Nos
 - b. 5 HP vaccum pump for priming of above p/set 1 No
 - c. Control panel comprising of changeover switch 1 No
- Starter-3Nos V-Meter, Ammeter one each single phase preventor-1No.
Capacitor-1No, Busbar chamber-1set
- D. Details of valves 250mm S/valve-2Nos
150 NRV 2 Nos
200 mm foot valve-2Nos

PART-B

D.G set

- a. Capacity 100 KVA — 1no.
- b. Control panel comprising of V. meter Ammeter TPN — 1set

PARTC: Water level indicator-1set

PART-D

- a. Internal electrical installation
 - i. 2x40watt tube light fitting 20Nos
 - ii Ceiling fan 3 Nos
 - iii Ex-Fan 3 Nos
- b. External electrical installation (compound light) etc. 4 Nos

Executive Engineer(E)/ED5

SCHEDULE OF WORK

NAME OF WORK:- M/O Completed/closed scheme ~~houses~~ of Dwarka zone SH: Operation and Maintenance of lifts, Electric driven fire pump sets, Diesel Engine driven pump sets for fire fighting system, P.A. system, D.G set and common area lighting at 198 HIG (M.S.) houses in sector-12 pkt-8 Dwarka.

S.No.	Description of Item	Qty	Rate	Unit	Amount
1.	Operation of 7 Nos of lifts as per inventory and terms and conditions attached	12 Months		p/Month	
2.	Operation & Maintenance of 125 KVA D.G.Set, fire fighting pump sets, diesel driven p/set i/c P.A. system & its allied accessories, common area lighting as per inventory and terms and conditions attached.	12 Months		p/Month	
3.	Supplying and replacement of 12 volts, 25 plate 180 AH ^{Battery} i/c initial charging, connection, testing etc. as reqd.	1 No		Each	

2/-

4. Supplying and replacement of following items

- | | | | |
|----|--|---------|------|
| a. | Fluorecent tube 40 watt | 100 Nos | Each |
| b. | Copper wound choke/Ballast suitable for 40 watt tube | 50 Nos | Each |

INVENTORY

AT 198 (MS) Houses in sector 12 pkt-8 Dwarka

- | | |
|---|-------|
| 1. 8 passenger capacity lift OTIS make | 4 Nos |
| 2. 10 passenger capacity lift OTIS make | 2 Nos |
| 3. 13 passenger capacity lift OTIS make | 1 No |
| 4. Machine room with accessories | 3 Nos |
| 5. Control panel in Machine room | 7 Nos |
| 6. Telecom system in lifts & Machine room
& control room | 7 Nos |
| 7. 125 KVA capacity D.G set Ashok Leyland make | 1 set |
| 8. Control panel for lifts & common lightings | 1 set |
| 9. AMF panel with accessories | 1 set |

Executive Engineer(E)/ED5

S.No.	Item	Qty
1.	Wetriser of MS heavy duty pipe	5 Nos
2.	Single headed internal hydrant	31 Nos
3.	Single headed external hydrant	8Nos
4.	63 mm dia 15M long RR line hose pipe with gunmetal coupling	68 Nos
5.	First Aid hose reel with 30mm length 20mm dia rubber line hose cape with gun metal nozzle	25Nos
6.	63mm dia short branch pipe of Gun metal	34 Nos
7.	Fire brigade outlet connection of 63mm gun metal in let coupling	
a.	3 way	3 Nos
b.	4 way	1No
8.	Weather proof hose cabinet of size 900mmx600mmx600mm	8nos
9.	Internal hose cabinet shutter of size 2100 mmx900mm	25Nos
19	Masonry Chamber of 120x120x100mm size	8 No
11	C.I. double flanged sluice valve	
a.	200mm dia	2 Nos
b.	150mm dia	8 nos
c.	100mm dia	10nos
d.	80mm dia	9 nos
12	Heavy duty pipe clear water and accessories (Jindal)	
a.	200mm dia	13.70M
b.	150mm dia	21.59mm
c.	100mm dia	288.50mm
d.	80mm dia	13.40M
e.	25mm dia	21.75m
13	Masonry chambers of 120 2 130x100 cm	8nos
14	CI DIF sluice valve C/W vats bits etc. (kirlsokar)	
i.	200mm dia	2No
ii	150mm dia	8nos
iii	100mm dia	10nos
iv	80mm dia	9nos
15	CI butterfly valve	
i.	100mm dia	3nos
16	CI double flange NRV kirloskar	
i.	150MM dia	3nos
ii	100mm dia	9nos

W
A.R.T

17	CI water type MVR	3nos
18	Gunmetal valve 25mm (sent)	26nos
19	Air Vessel 450mm dia 1mm height 8mm thick	3nos
20	Fire Brigade Draw out connection	1no
21	Electric driven main fire p/set	
i.	2850 LPM (95M head)	1no
ii	280 LPM (95M head)	1no
iii	Diesel engine driven fire p/set 2850 LPM (95M head)	1no
22	Submersible p/set 250 LPM @10M HEAD (KSE)	2no
23	Air vessel 450mm dia 1.5high 12mm thick	1no
24	Main fire control pane and accessories	1set
25	MS cable tray and accessories	
a.	300mm width X50mm depthx1.6mm thick	19m
26	Earthing with GI earth plate 600x600x600mm	2set
27	Pdg 25mm GI strip on surface	37.60m
28	Supply & fixing at al. armoured 1.1KV grade cable	
a.	3/2 x150mm ²	21m
b.	3x95mm ²	15m
c.	3x16mm ²	51.70m
	Pdg. 25mm GI Strip in 40 mm dia pipe underground	5m.
29	Rubber mat suitable for 1.1KV grade 2000mmx1000mmx8.5mm thick	2nos
30	MS conduit	
i.	25mm dia	181M
ii	20mm dia	60m
iii	copper cond single core cable 1.5mm ²	7004m
31	manual call boxes in suitable and closure	23nos
32	electric electric fire hooter	23nos
33	Amin fire alarm control panel	1no
34	Exist sign board	26nos
35	Extinguisher of CO2 type	
i.	4.5kg capacity	23no
ii	6.8kg capacity	2nos
36	Mechanical foam (type fire extinguisher	6nos
37	water pressure type Extinguisher	23nos
38	Common lighting	576 points.

TERMS & CONDITIONS

1. The work comprises of running and operation of lifts, DG set and common area lighting for 198 HIG multistoreyed houses and fire pumps, fire alarm system, P.A. system etc as per inventory attached.
2. Detail of lift operators to be Engaged
 - a. 6 A.M. to 2 P.M. = 1 lift operator
 - 2 P.M. to 10 P.M. = 1 lift operator
 - 10 P.M. to 6 A.M. = 1 lift operator

3 lift operator in one core

For 3 core = 3 X 3 operator = 9 operators
- b. 3 operator for D.G setp fire fighting p/set (1 operator in each shift)
- c. 1 wireman Gr.I with 1 No khallasi shall attend the site on alternative days.
- 3.1) CPWD General specifications for electrical work part-I internal ~~1994~~ ²⁰⁰⁵ & part-II external 1995 amended upto date.
- ii) Indian electricity act 1910 & Indian Electricity rule ~~1956~~ ²⁰⁰⁵ amended upto date.
4. 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/ lift/ common area lighting, fire pumps, fire alarm system & P.A. system etc.
5. The contractor shall employ staff throughout the period of contract including Saturday, Sunday, Gazetted holidays and National holiday within the quoted rates.
6. 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 from engineer-in-charge before use at site.

7. 8 passenger lift core No. 1 = 2 Nos lift
- 8 passenger lift core No. 3 = 2 Nos lift
- 10 passenger lift core No. 2 = 2 Nos lift
- 13 passenger lift core No. 2 = 1 No lift

contd.....

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 within quoted rates.

- a. Servicing and greasing of pumps/motors once in 3 months
- b. Replacement of rubber packing of valves & worn out nuts-bolts etc.
- c. Replacement of gland darr as and when required
- d. Replacement of HRC fuses as and when required.

e. Adjustment, alignment/tightening of nuts and bolts as and when required.

f. replacement of burnt out thimbles, wire terminals etc.

g. Top up of battery water

h. Daily cleaning of equipments/D.G. room/ m/c room/ pump house/ control room.

9. The D.G. set shall be operated in case of electricity failure or as and when desired by the engineer-in-charge however POL shall be supplied by the department. Servicing of D.G. set shall be carried out within quoted rates however the Engine oil & filters shall be supplied departmentally.

10. Co-ordination and followup action with electric supply agency shall be done by the contractor, incase 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 and also lodge complaint with B.S.E.S.

12. Watch and ward of all the installation as per inventory enclosed shall be the responsibility of the contractor. Any loss due to theft or pilferage etc. shall be borne by the contractor within quoted rates.

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 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.
15. The contract is for a period of 12 months and the Engineer-in-charge if so desire may extend the contract or terminate the agreement without assigning any reason. The decision of Engineer-in-charge in this regard shall be final and binding on the contractor.
- 16.a) If any installation not operated due to negligency of operational staff, recovery @ 300/- per shift per person shall be made from the bill of the contractor.
- b. If the operational staff is found absent/missing from their duty, recovery @ 300/- per shift per person shall be made from the R/A Bill of contractor.
17. All allied accessories/installation shall be kept neat and clean and in working order and in case any damages/loss is done to the any 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. Incase 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 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.
20. The rates quoted by the contractor shall be inclusive of all taxes, duties and Govt. levies etc.
21. The contractor shall ensure that the staff shall take all the safety precautions. In case of any accident/mishappening during duty hours, the contractor shall be fully responsible. All safety equipments shall be provided to the site by the agency.
22. For smooth functioning for operational staff, the agency will provided at site one office table 4 nos. chairs and one almirah for which nothing extra shall be paid.
23. One landline/mobile telephone connection shall be provided at site i.e. pump house/site office by the agency and bill of the same shall be paid by the agency with in quoted rates.

- 24 The contractor shall inform the department and the concerned authorities such as DELHI FIRE SERVICE in case of fire at any location in the entire complex and shall take immediate remedial action/steps such as starting of fire pumps, hydrants as deems fit to extinguish the fire. The contractor shall ensure that the above fire extinguishing system are activated round the clock.
- 25 Checking of leakages of pipe and accessories of pipes i.e valves flanges, sockets, bends etc provided inside the complex & rectification of leakages.
- 26 Carrying out pressure test in the entire wet riser system and checking of working of different fire pumps, P.A system as and when reqd. by Engineer-in-Charge.
- 27 Checking/oiling of all valves/Fire hydrants.
- 28 The staff shall be given photo identity cards by the contractor displaying their name, father's Name Address, Date of birth, name of 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.
- 29 The material to be used, shall be as per fitment of the manufacturer.

Executive Engineer(E)/ED.5