

DELHI 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.

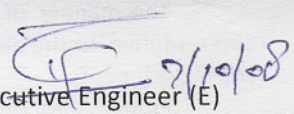
The tender documents can be had on any working day from the office of Ex. Engineer (E), Elect. Divin.No.5/DDA between 11.00 AM to 3.00 PM on payment of cost of tender (non-refundable) as well as Earnest Money mentioned against the work on production of valid Enlistment Registration Certificate and valid 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.

5	M/O completed/closed scheme of Dwarka Zone 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.2,13,748.00 Rs. 4,275.00 Rs. 500.00	13.10.2008 17.10.2008	12 Months.
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

SCHEDULE OF WORK

27/08/09 (Re-limited)

Name of work:- M/O Completed/closed Scheme at Dwarka for 440 HIG Multistoried 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 alongwith DG set-Annual comprehensive maintenance of lifts.

S.No.	Description of Item	Qty	Rate	Unit	Amount
1.	Annual comprehensive maintenance of (Kone Elevator make) following electric lifts complete with all accessories and control equipment for D.G. variable voltage control system, automatic group supervisory control of rated speed of 1 mtr per second total rise 23/29 Mtr (approx) with steel car having centre opening power operated steel doors as per additional conditions attached.				
a.	8 Passengers (544kg) 5 landing	8 Nos		P.Month per lift	
b.	10 passengers (680kg) 6 landing	4 Nos		p.Month per lift	
c.	13 passenger (884kg) 6 landing	2 Nos		p.Month per lift	

ADDITIONAL CONDITIONS

1. The work shall be carried out as per CPWD lift manual as amended upto date.
2. The firm should depute trained men directly employed & supervised by them. The men should be qualified to keep the equipment properly adjusted and should responsible to maintain the elevator equipment in proper and systematically examine adjust and lubricates the elevator components as required.
3. The agency during normal working hours shall send at regular intervals and of frequently but at least once in a month technician to systematically inspect adjust and lubricate the part of the elevator necessary to maintain the elevator in satisfactory working order. The agency will supply all lubricants necessary for the purpose.
4. The agency will take all responsible care and precaution in seeing that the elevators are safe for use and are in operating condition.
5. After receiving intimation from the department regarding breakdown of failure of the elevator, agency shall send as soon as possible technician to carry out necessary repair in order to restore the elevator in satisfactory working condition.
6. The AMC can be terminated at any time after giving 15 days notice.
7. The firm will carry out annual safety test to examine all safety devices.
8. In performing the services as mentioned above the firm will replace identical or equivalent items or rectify any components of the elevator rendered defective (with the approval of Engineer in-charge) due to normal wear and tear and arising out of ordinary and reasonable use of the elevator except for such items as mentioned below.
 - i) Elevator car enclosure (inside)
 - ii) Elevator car and landing door panels gates
 - iii) Incoming electrical wiring up to main switch in machine room
 - iv) Main switches in the machine room
 - v) The firm will not liable to replace or repair free of cost under this contract damage caused to all or part of elevator as consequence of fire water seepage flooding
 - vi) Dry cells and batteries
 - vii) Decorative items including mirror and hand rail.

9. The free comprehensive maintenance i/c attending to breakdown repair/replacement of defective components with new ones etc. for a period of 12 months shall be provided by the contractor. This service shall i/c regular examination of the installation.
10. The agency shall submit the preventive maintenance schedule and shall carry out the work accordingly.
11. The agency has to provide technical assistance on behalf of the department and suggest improvement as and when required.
12. All repair work shall be attended during normal working hours of the normal working days with department representatives not below the rank of Junior Engineer present at the time of repair or replacement of the required parts.
13. The firm shall clearly exhibit caution board wherever required.
14. In case of dispute the decision of the Superintending Engineer of the Electrical Circle shall be final and binding on both parties i.e. Contractor and the Engineer in-charge.
15. The parts replaced shall be genuine parts intending for the purpose.
16. The agency shall get license of the lift renewed from the License Authority i.e. Electrical Inspector (lift) during the contract period. However required fee shall be borne by Department.
17. Maintenance contract can be extended for further period of three months on the same rates.
18. The lift shall b e stopped for use of public only after the company feels that it is unsafe for public and the same shall be informed to the Engineer in-charge or his authorized representative.
19. Payment to be made on quarterly basis.
20. The scope of work of this contract includes the following:
 - a) All spare parts, lubricants, tools and plants and trained labour etc. to keep the lifts in functional order.
 - b) Fortnightly, monthly, quarterly and annual servicing/checks as per the schedule of preventive maintenance attached.
 - c) Prompt call back servicing as and when complaint is sent to the agency.
 - d) Maintenance of records of servicing and repairs carried out.

21. Rate quoted by the agency shall be final & inclusive of all taxes, duties, cartage etc. The department shall not pay anything extra in this regard.
22. In case of fault/breakdown in the lift(s), the agency will be intimated on phone to attend the fault/breakdown. If the agency fails to take any action to rectify the fault/breakdown within 24 hours from time of complaint made to the agency a recovery @ Rs.750/- per day per lift shall be made from the bill of the agency. The amount of the above recovery in a month for one lift in no case shall exceed the amount payable to the agency for the lift per month.

FORTNIGHTLY MAINTENANCE OPERATIONS

(Use Porforma 2)

Sl.No.	Items	Checked by	Counter Checked by
1.	Check that lift stops in downward Direction properly with 25% overload With operation of the Emergency stop When lift is moving at full speed	M	JE
2.	Check that leveling is within limits + 75mm for single speed lifts and + 10mm for other lifts (For certain makes of lifts slightly larger tolerances may be permitted)	M	JE
3.	Check and lubricate by grease Cup or top up oil on Sleeve type bearings On (a) Sheave Shaft (b) Motor Shaft (c) Deflector Sheave Shaft (d) Governor pulley	M	
4.	Check and lubricate sleeve bearings of governor tensioning pulley at the pit.	M	

MONTHLY MAINTENANCE OPERATIONS

(Use Porforma 3)

Sl.No.	Items	Checked by	Counter Checked by
CONTROLLER			
1.	Clean Contacts and are shields with carbon tetra chloride (CC 14)	M	
2.	Move relay armature by hand for free movement and see that contacts are properly aligned.	M	S
3.	Replace carbon contacts if worn out	M	JE
4.	Check flexible leads to Relays	M	JE
5.	Check fuses of controller and mains.	M	JE
6.	Check oil level in dash pots	M	JE
MOTOR GENERATOR AND/OR DC MOTOR			
7.	Check and adjust carbon brushes, spring pressure Commutator. Reseat brushes	SM	
8.	Grease bearings	M	
AC MOTOR			
9.	Lubricate bearings	M	
10.	Clean Ventilation Passages	M	
GEAR BOX			
11.	Inspect for stray noises and Oil leaks.	SM	S
12.	Check axial play of worm shaft	SM	S
13.	Lubricate bearings and stop us in great box.	M	S

1.	2.	3.	4.
	BRAKES		
14.	Clean if only and trace source of Oil leakage	SM	
15.	Adjust clearance between shoes and drum	SM	
	SELECTOR		
16.	Clean Contacts	SM	S
17.	Adjust for proper leveling	SM	S
18.	Check tape safety switch	M	JE
19.	Lubricate shaft bearings	M	JE
20.	Check performance without load and with full load.	M	AE
	GOVERNOR		
21.	Lubricate bearings	M	S
22.	Check that the le- vers work smoothly	SM	S
23.	Check that electrical contact opens before the rope gets locked	SM	S & AE
	ROPES		
24.	Check condition of hoist ropes and governor rope	SM	S & AE
25.	Check slack rope safety switch	SM	S
26.	Lubricate rope if too dry	SM	S
	HOISTWAY		
27.	Lubricate guides and guide shoes	M	S
28.	Check that the bu- ffers are in proper position and measure and record counter weight luffer clearance with car at the top		

1.	2.	3.	4.
	RETIRING CAM AND LOCK		
29.	Check operation of cam and lock from the top the car at each landing. Check that retiring cam solenoid is not getting overheated and that movement of the cam is smooth.	M	S
30.	Check that all locks are functioning properly after opening and electrically after opening the cover. Check all set screws and springs and replace if necessary. The lever should lock the beak properly.	SM	S & AE
31.	Check that the retiring cam does not touch the lock roller at the landing which is being passed.	SM	S
32.	Check that car gate switch operates properly	SM	S
33.	Check car top controls and emergency stop.	SM	
34.	Check door closer safety, clean and readjust if necessary	M	JE
35.	Lubricate top track and door motor and linkage	M	
36.	Check that landing door can be Opened by emergency keys.	M	JE

QUARTERLY MAINTENANCE OPERATIONS

(Use Porforma 3)

Sl.No.	Items	Checked by	Counter Checked by
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MACHINE ROOM

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|----|--|-------|--|
| 1. | Check and adjust overload relay and phase failure relay | M | |
| 2. | Check power wiring terminations is switch , motor controller and power switching relays. | S | |
| 3. | Check commutator | S(SM) | |
| 4. | Check lubrication of all equipment | S | |

HOISTWAY

- | | | | |
|----|--|-------|---|
| 5. | Check rope fastenings at the car and counterweight | SM | S |
| 6. | Check guide clamps | SM | |
| 7. | Check upper and lower limit Switches for proper connections. after physical inspection get the lift to over travel by holding from controller and see that the switches operate properly | SM | S |
| 8. | Check guide clearances and adjust. | SM | |
| 9. | Check condition of travelling cable and terminations at junction boxes. | S(SM) | |