

OFFICE OF THE DY. DIRECTOR  
HORT. DIVISION NO.2 / DDA  
Rama market Pitampura, Delhi-110034

Due to shortage of PWD-7/PWD-8, the same has not been appended to the tender documents. Tenders are requested to see NIT along with up to date correction slips in the office before tendering.

1. Name of the Contractor : .....
2. Date of Application & Receipt : .....
3. Date of issue of tender : 6-9-08
4. Cost of tender : Rs. 500.00
5. Date & Time of opening of tender : 10-9-08
6. Tender issued at CAU (NZ) Office : .....  
Sales counter at Vikas Minar

Dy Dir. Hort-II  
DDA

ITEM RATE TENDER FOR WORK

I/We hereby tender for the execution of the work for the Delhi Development Authority which is specified in under written memorandum with in the time specified in such memorandum at the item rate entered in the schedule attached and in accordance in all aspects with the specifications, design, drawings and instructions in writing referred to in clause-11 of the conditions of contract and with such materials as are provided by and in all other respect in accordance with such conditions so far as applicable.

MEMORANDUM

- (a) General Description : M/o Park plantation tracks and other equipment in Hort. Wing. under M.A.D.  
SH. Repair and maintenance sub P/ Set mono-  
block Pump Set, Panel board feeder  
pillar and other E.A.M installation in  
Park/Garden at Ashok Vihar, Lawarjee road  
Gulabi Bagh, Shakti Nagar H.D.D.
- (b) Estimated Cost : Rs. 198885.00
- (c) Earnest Money : Rs. 3978.00
- (d) Security Deposit : Total 10% of tendered value.  
(i) 5% of tendered value of work from running bills and  
(ii) 5% of tendered value of work as Performance Guarantee before award of work.
- (e) Time allowed for the work from the 10<sup>th</sup> day after the date of written order to commence. : 6 months

**SCHEDULE OF WORK**

Name of work :- M / O Park, plantation trucks & other equipment in Hort. Wing under N. A. II.

SUB HEAD :- Repair & Maintenance of submersible pump set, Monoblock, Pump set, & Panel board / feeder pillar, and other E & M, installation in park / green at Ashok vihar area, Lawrance Road, Gulabi Bagh & Shastari Nagar under Hort. Division II.

S.No	Description of items	Quantity	Unit	Rate Rs.	Amount Rs.
1	Lifting of the submersible pump set from the sting bore well along with the G I Pipe, Bend, Submersible cable and other accessories I / c dismantling the G I Pipe and pump set etc. Complete as required.	15	Job		
2	Lowering of submersible pump set in the existing bore well along with the G I Pipe Submersible cable wire rope up to required depth I / c making water proof cable joint, connection testing complete etc. as required.	15	"		
3	Repairing of Submersible pump set [ 6" dia] 3 phase 415 volt I / c supplying and replacement of the following defective parts of motor and pump i/c re-				
[A] MOTOR SIDE					
A.	Re-winding of Submersible cable motor 3 HP.	2	Job		
B.	Re-winding of Submersible cable motor 4 HP.	3	"		
C.	Re-winding of Submersible cable motor 5 HP.	3	"		
D.	Re-winding of Submersible cable motor 6 HP.	4	"		

*[Signature]*  
B. D. Horthi



C.	Guide bush.	36	No		
D.	Distance sleeve.	30	"		
E.	G M. neck.	26	"		
F.	Sand Guard.	10	"		
G.	Pump shaft.	5	"		
H.	N R V. Body.	5	"		
I.	Stage bowl C.I.	10	"		
J.	Suction chamber.	5	"		
K.	Upper bush.	5	"		
4.	Supply & Replacement of D O L Starter MK - 1, type suitable for / up to 7.5 HP.Pump set on the existing panel board / feeder pillar i/c. connection, testing etc. complete as required.				

d ~~Dr. H. H. H.~~

5.	Supply & Replacement of water proof submersible copper cond. Cable of size 1 x 3 x 1.5 Sq. mm. i/c S / F cable clips making connection cable joint testing etc. complete	150	MTA		
6.	Supplying and fixing of the following size of G I. Pipe B - class flanged type with necessary pipe fitting etc. as required.				
	A. 65 mm. dia.	12	MTA		
	B. 50 mm. dia.	15	"		
7.	Supply and replacement of the following spare parts and material in the panel board i/c. connection testing etc. complete as required.				
	A. Over load relay [ 9 to 14 amp.	5	No		
	B. Operating coil 400 / 440 volts. 50 HZ.	5	"		
	C. Contact Kit [ DOL Starter.]	5	"		
	D. Vol tempter [ 0 - 500 ] Vol tsq.type [ 96 x 96 ] mm.	5	"		
	E. Ammeter [ 0 - 30 ] amp.sq.type [ 96 mm x 96 mm.]	5	"		
	F. 32 amp. TP. & N. MCB. [ C - Series ]	5	"		
	G. 32 amp. TP. MCB. [ C - Series ]	4	"		
	H. 316 amp. DP. MCB. [ B - Series ]	7	"		

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C.D.A.

8.	Dismantling of submersible pump set up to 10 HP. Capacity for checking and assessment of parts to be replaced / repaired i/c. cartage etc.				
	A.	Motor side.	13	No	
	B.	Pump Side.	13	"	
9	Supply and replacement of CI. Non return valve 50 mm. dia flange type complete with rubber packing nuts - bolts, washer, testing etc. as required.				
10.	Lifting out the fallen sub. Pump set from the bore well along with GI. Pipe & other accessories i/c. disconnection etc. as required.				
11.	Supply of the following size of XLPE al. cond. armoured cable of 1.1KV grade i/c testing etc. as required.				
	A.	4 x 25 sq. mm.	50	MTR	
	B.	4 x 16 sq. mm.	50	"	
12.	Laying of 1 nos. PVC sheathed/power cable of 1.1 KV grade of size not exceeding 25 sq. mm. direct in sand cushioning protective covering and refilling				
13.	Laying of 1.No. PVC sheathed /XLPE power cable of 1.1 KV grade of size not exceeding 25 Sq. mm. direct in ground i/c excavation and refilling the trench etc. as required but excluding sand cushioning and protective covering				
14.	Dismantling rewiring and fixing of control panel board of 3 HP/5 HP/7.5 Hp. Sub. P / set with suitable size of copper wiring thibble connection, testing etc. complete as required .				
			3	706	

10/11/20  
By Dy. Engineer  
D. S. S. S. S.

INVENTORY

1- Submersible P/Set	3 HP	= 2 Nos.
-do-	5 HP	= 23 Nos.
-do-	6 HP	= 24 Nos.
-do-	8 HP	= 1 Nos.
-do-	4 HP	= 10 Nos.

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= 60 Nos.

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## 2- Control Panel Comparing of 60 Nos.

Each control panel contains of the following items

1- Starter	: 1 No.
2- Main switch	: 1 No.
3- Ammeter	: 1 No.
4- Voltmeter	: 1 No.
5- S.P.F.	: 1 No.
6- Shunt Capacitor	: 1 No.
7- DP / MCB	: 1 No.
8- 4 pole Isolator	: 2 Nos.
9- Bus Bar set	: 1 Set
10- Energy meter with Kit Kat:	3 Nos.

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Dy Dir. Hort-II  
B.D.A.

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## ADDITIONAL CONDITIONS & SPECIFICATIONS

1. The contractor must get acquainted with the proposed site of work and study specifications & conditions carefully before tendering the work shall be executed as per programme approved by the Engineer-in-charge.
2. The work as indicated in the schedule of work attached herewith i/c any modifications / alterations ordered subsequently shall be carried out as per the specification indicated below:-
  - (a) C.P.W.D. specifications for electrical work (Part-I) internal 94 Part-II External 94 with correction sips upto the date of tender.
  - (b) Relevant BIS as modified upto the date wherever BIS code do not exist the British Standard should be followed.
  - (c) Indian electricity rules 1956 and amended upto date. In case of any discrepancy in the description of any item given in the schedule of quantities and specifications given above the formal shall prevail.
3. The contractor shall be fully responsible for watch & ward of the material brought / work executed at site till the same in complete and taken over by the department.
4. Proper handing / taking over of all the E & M installation shall be carried out by JE(E)/AE(E) incharge of the work and the contractor in writing immediately afterward of work & before short of work. The same shall be handed over to the department in proper working condition after expiry of the contract.
5. The rate quoted by the contractor shall be firm and should be inclusive of all central / state Govt. taxes duties and levies. Concessional sales tax from C/D shall not be issued by the deptt.
6. Nothing extra shall be paid on account of cartage.
7. No T & P shall be issued to the agency by the Deptt. for the execution of work.
8. Water and electricity for the execution of work shall be arranged by the firm through their own arrangement and charges if any shall be borne by then.
9. Testing of the installation shall be done by the contractor within the quoted rates. The arrangement of labour / material required for testing shall be arranged by the firm within the quoted rates.
10. Time allowed for carrying out of the work shall of 12 months.
11. End termination of cable in TP & N switch / MCB / isolator shall be done by the contractor.

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12. No tubewell bore shall be left open as & when submersible p/set are taken out for repair / replacement, no open bore hole shall be there under their areas.
13. The <sup>(p.w.)</sup> ~~worn~~ parts of sub. P / Set / Monoblock p / set to be replaced shall be of the same make as that of pumpset.
14. The contractor shall stand guarantee for a period of 6 months for material supplied / installed against manufacturing defects / satisfactory performance from the date of completion / handing over whichever is latter on a non judicial stamp paper of Rs. 50/.
15. The clause 10C or 10CC shall not be applicable in this contract.
16. The contractor has to return the dismantled material to the deptt. after replacing the defective items at site/ suitable rebate for dismantled materials may be offered (if reqd.).
17. The following makes are acceptable for the following:
  - (a) DOL Starter - <sup>spares</sup> LT / LK, Siemens, Bharta Cutler Hammer.
  - (b) MCB - As par IS : 8828 with the following makes-Standard, L & T, MDS, Indokopp, Action, minimum breaking capacity of 10 KA at 240/415 volts.
  - (c) PVC sheathed, PVC insulated flat submersible copper cable - As per IS:697-Plaza, Finolex, Safex.
  - (d) G.I.Pipe - As per IS:1239 - Jindal (Hissar), Surya, TATA make -
  - (e) Starter and Accessories; L & T, Siemens, cutler Hammer.
  - (f) Ammeter & Voltmeter - As per IS-1248; AE / Havell's / UEL, I .M.P.
  - (g) PVC insulated copper wire - As per IS-694-Skytone/National Ecko / Havell's.
  - (h) PVC insulated/ XLPE armoured cable IS:7098, Asion cable / Unistar / ECKO / NICCO. Skytone.
18. Fly ash bricks shall be used for laying of cable ~~if reqd.~~

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By Dy. Commr-II  
D.D.A.