

BHARAT HEAVY ELECTRICALS LIMITED
RAMACHANDRAPURAM :: HYDERABAD-32
TOWNSHIP ADMINISTRATION

Schedule - A - Price bid

Tender Notice No. HY/TA/OT-13/2020-21 Date: 08.12.2020

Name of work:- Repairs to submersible & centrifugal pump sets in Township - Works Contract.

SL.No.	Description of work	Qty	Unit	Rate (In Rs.)	Amount (In Rs.)
1	2	3	4	5	6=3 x 5
1	Repairs to submersible pumpsets of 2.5 to 5 H.P				
A	MOTOR PORTION				
a	Rewinding of motor	2	Each	2665.10	5330.20
b	Replacement of upper & lower bearing bushes.	4	Each	138.58	554.32
c	Studs and nuts/keys	1	Each	42.65	42.65
d	Thrust bearing sets	2	Each	159.91	319.82
e	Oil seals	2	Each	26.65	53.30
f	Cable joints to Motor	2	Each	53.31	106.62
g	Motor half couplings	1	Each	37.31	37.31
h	Lock rings	1	Each	10.67	10.67
i	DOL/IP bushes	3	Each	79.96	239.88
j	Supply & fixing of 3-core, 2.5 sq.mm copper conductor submersible flat cable.	201	Rmt	63.96	12855.96
k	Rotor reconditioning / Replacement	1	Each	106.60	106.60
B	PUMP PORTION				
a	Repairs & reconditioning of impellers and balancing.	1	Each	63.96	63.96
b	Shaft sleeves	3	Each	21.32	63.96
c	Replacement of impeller	4	Each	186.60	746.40
d	Stage casing bowl bushes sets	4	Each	21.32	85.29
e	Suction strainer/sand guard	1	Each	21.32	21.32
f	Pump half coupling	1	Each	63.96	63.96
g	Labour charges for dismantling, overhauling, testing, painting, transporting, etc.,	2	Each	959.43	1918.86
h	Guide wins	1	Each	26.65	26.65
i	Replacing of pump shaft	1	Each	266.51	266.51
2	Repairs to submersible pumpsets of 8 to 12 H.P				
A	MOTOR PORTION				
a	Winding of motor	31	Each	4050.95	125579.45
b	Replacement of upper & lower bearing bushes.	50	Each	181.22	9061.00
c	Motor upper and lower flanges	61	Each	26.65	1625.65
d	Motor half couplings	19	Each	31.99	607.81
e	Studs and nuts/keys	34	Each	42.65	1450.10
f	Rotor sleeves	22	Each	79.96	1759.12
g	Thrust bearing sets	21	Each	159.91	3358.11
h	Oil seal/circlips/lock rings	26	Each	21.32	554.32
i	Cable jointing to motor	21	Each	79.96	1679.16
j	Upper and lower bearings housing	17	Each	159.91	2718.47
k	Guide wings	14	Each	21.32	298.48
l	Stud rings	10	Each	106.60	1066.00
m	Motor bottom base	9	Each	213.21	1918.89
n	Motor adapter	8	Each	213.21	1705.68
B	PUMP PORTION				
a	Repairs & reconditioning of impellers and balancing	29	Each	213.21	6183.09
b	Replacement of impellers 'Q' type	36	Each	159.91	5756.76
c	Stage casing bowl bushes sets	24	Each	106.61	2558.64
d	Stage casing 'Q' type	27	Each	26.65	719.55
e	Suction strainer/sand guard	4	Each	53.31	213.24
f	Neck rings	23	Each	106.60	2451.80
g	DOL/IP bush	21	Each	138.58	2910.18
h	Shaft sleeves	35	Each	106.60	3731.00
i	Pump half couplings	22	Each	63.96	1407.12
j	Pump shaft (reconditioning)	9	Each	53.31	479.79
k	Pump shaft (replacing)	4	Each	266.51	1066.04
l	Pump stand	2	Each	186.56	373.12

SL.No.	Description of work	Qty	Unit	Rate (In Rs.)	Amount (In Rs.)
m	N R V body	10	Each	298.49	2984.90
n	Labour charges for dismantling, overhauling, testing, painting, transporting, etc.	34	Each	1599.06	54368.04
3	Supply & Fixing of spares to the pumps				
a	Couplings set (20 to 40 HP)	7	sets	266.51	1865.57
b	Cast iron gland clamps for 40 HP pump.	11	sets	319.81	3517.91
c	Cast iron sleeves for 40 HP pump.	11	Sets	319.81	3517.91
d	Rubber bush L40x50 diax 23 ID-MM (1 set 6 nos)	37	Nos.	479.72	17749.64
e	Shaft sleeves (cast iron), 5 to 15 HP	5	Each	85.28	426.40
f	Shaft sleeves (castiron) 20 to 40 HP	7	Each	138.58	970.06
4	Supply & fixing of Ball bearing from 1 to 40 HP				
a	Bearing size 6310 / 6311 / 6312	16	Each	1492.45	23879.20
b	Bearing size 6308 / 6205 / 6304 / 6309	16	Each	426.42	6822.72
5	Winding of motors 1 to 40 HP				
a	Motor winding, 1 to 4 HP	4	Each	959.43	3837.72
b	5 to 15 HP	7	Each	2345.29	16417.03
c	20 to 40 HP	10	Each	10127.37	101273.70
6	Servicing of centrifugal pump set including replacement of required spares and				
a	1 to 4 HP	3	Each	293.17	879.51
b	5 to 15 HP	5	Each	469.06	2345.30
c	20 to 40 HP	9	Each	586.33	5276.97
				Total	450,279.39
Tender %	In words	Figures			
Excess					
Less					
Estimate					
Notes:					
1	Agency has to quote his prices by considering consolidated wages /Bonus payable to workers/ BHEL wages (which consists of state Govt. minimum wages and additional payments), allowances. BHEL will not pay any additional amount other than the agreed				
2	Agency has to quote his prices by considering consolidated wages /Bonus payable to workers/ BHEL wages (which consists of state Govt. minimum wages and additional payments), allowances.				
3	Agency supervisor shall look after the working areas where the work has been carried out.				
4	The Agency supervisor shall do frequent checking				
5	Agency supervisor is the overall in-charge of the work. Single Point of Contact (SPOC) during the work.				
6	Agency supervisor is to ensure workers are posted in their respective posts as per the directions of BHEL officer in-charge and record to be submitted daily.				
7	To ensure all the communication given by BHEL officer is to be passed to the workers promptly.				
8	To ensure required guidance, training etc. is provided to the workers at their respective works beside the regular briefing etc.				
9	Custodian of the daily attendance				
10	Supervisor shall stay at the site until he total work is done and ensures the same for the workers too.				
11	Any incidents occurred during the work has to bring it to the notice of the BHEL officer in-charge and if necessary depends on the situation report has to submitted to the police station.				
12	Monitor the performance of the workers and their quality of service.				
13	Report of the daily work done shall be submitted daily with duly signed with stamp.				
14	Workers to alert and inform his superiors about any suspicious materials found within the Township Premises.				
15	Supervisor along with supporting workers has to report to BHEL Officer in-charge and they have to follow the instructions given by the BHEL Officer in-charge.				
16	During any public functions / festivals / sports events / school events / BHEL Management events / any VIP visits / any elections etc., Supervisor has to follow the guidelines given by the BHEL Officer In-charge for Sweeping and Garbage Lifting works.				
17	All group gathering by engaged work force / drunk & drive / accidents / group fighting / rash driving etc., has to be taken monitor by the Supervisor.				
18	As per the time-to-time instructions given by the BHEL management, supervisor along with their staff has to work with the given instructions.				
19	During the execution of contract, if required, agency shall work on Sundays and holidays also as per the direction of Engineer-in-charge.				
20	Penalty as per the clause 2.1.36 shall be applicable.				