

### Schedule of Work

**Name of Work:** Servicing & Overhauling of 25HP & 40HP Centrifugal Pump Motor Unit i/c. Replacement of Non-Functional Accessories i.e. Butterfly Valves, Gate Valves, Pipes & Fittings i/c. Painting in Pump House, 2<sup>nd</sup> MSO Building at Nizam Palace Campus, Kolkata.

Sl. No.	Description of Item	Qty	Rate	Unit	Amount	
1	Dismantling the 25 HP capacity Centrifugal motor pump set from base plate i/c dismantal suction and delivery pipe line and electrical motor connection complete as reqd.	2	Job	2170.00	Job	4340.00
2	Dismantaling of the 25 HP capacity Centrifugal pump motor set for complete overhulling & remetelizing of shaft, replacement of 2 nos ball bearing, 1 shaft sleeve and damaged part by new one then reassembling all parts i/c testing & trial run etc.as reqd.	1	Job	19891.00	Job	19891.00
3	Dismantaling of the 25 HP capacity motor set for complete overhulling & shaft key, replacement of 2 nos ball bearing, then reassembling all parts i/c testing & trial run etc.as reqd.	1	Job	18771.00	Job	18771.00
4	Complete painting of 25 HP capacity centrifugal pump motor set after proper scraping & cleaning the surface then applying one coat of red oxide primer following two coats of Syn. Enamelled paint Complete as reqd.	2	Job	3824.00	Job	7648.00
5	RE-Installation of 25 HP capacity Centrifugal Pump motor set in the existing base plate i/c connection, testing & commisioning etc as reqd.	2	Job	2170.00	Job	4340.00
6	Dismantling the 40 HP capacity Centrifugal motor pump set from base plate i/c dismantal suction and delivery pipe line and electrical motor connection complete as reqd.	2	Job	2453.00	Job	4906.00
7	Dismantaling of the 40 HP capacity Centrifugal pump set part by part and complete overhulling & repairing with replacement of 2nos ball bearing, 1no impeller ring,1 no Shaft sleeve, 1 no. Re-Metalizing SS shaft, 8nos stud nuts and body nut bolts i/c tyre coupling rubber change then reassembling all parts i/c less credit the dismantle materials etc as reqd.	2	Job	34027.00	Job	68054.00
8	S/F of 100 mm Dia G.I pipe (Medium class) i/c cutting, threading and socketing etc. i/c complete as reqd .	3	mtr.	1897.00	mtr.	5691.00
9	Complete painting of 40 HP capacity centrifugal pump motor set after proper scraping & cleaning the surface then applying one coat of red oxide primer following two coats of Syn. Enamelled paint Complete as reqd.	2	Job	4413.00	Job	8826.00
10	RE-Installation of 40 HP capacity Centrifugal Pump motor set in the existing base plate i/c fixing suction and delivery pipe line, then connection, testing & commisioning etc as reqd.	2	Job	2736.00	Job	5472.00

11	Supply & Fixing of 80mm Dia Butterfly Gate Valve (ISI marked,make : ZOLOTO) in the plumbing line complete as reqd.	2	Nos	4875.00	each	9750.00
12	Supply & Fixing of 15 mm dia GM gate valve in the plumbing line Complete as reqd.	8	Nos	2137.00	each	17096.00
13	Supply & Fixing of 25 mm dia GM gate valve in the plumbing line Complete as reqd.	1	Nos	4098.00	each	4098.00
14	Supply & Fixing of 80 mm dia GM gate valve in the plumbing line Complete as reqd.	3	Nos	22621.00	each	67863.00
15	Supply & Fixing of 80 mm dia CIDF non return valve in the plumbing line Complete as reqd.	2	Nos	10900.00	each	21800.00
16	Supply & Fixing of 125 mm dia CIDF non return valve in the plumbing line Complete as reqd.	1	Nos	22873.00	each	22873.00
17	Supply & Fixing of 100 mm vertical check valve in the plumbing line Complete as reqd.	1	Nos	21482.00	each	21482.00
18	S/F following medium class GI fittings in the existing suction & delivery line complete as reqd.					
a	3" GI FLENGE	6	Nos	1225.00	each	7350.00
b	4" GI FLENGE	2	Nos	2039.00	each	4078.00
c	3" x 3" GI SHORT PES	3	Nos	532.00	each	1596.00
d	4" x 6" GI SHORT PES	2	Nos	706.00	each	1412.00
e	3" x 4" GI SHORT PES	2	Nos	497.00	each	994.00
f	3" x 6" GI SHORT PES	4	Nos	635.00	each	2540.00
g	3" x 9" GI SHORT PES	1	Nos	829.00	each	829.00
h	3" x 12" GI SHORT PES	2	Nos	912.00	each	1824.00
i	3/8" x 6" GI SHORT PES	4	Nos	194.00	each	776.00
j	5" GI FLENGE	1	Nos	4357.00	each	4357.00
19	Supply & Fixing of 4" sq Pressure gauge in the plumbing line complete as reqd.	6	Nos	1582.00	each	9492.00
20	Complete painting of the following materials after proper scraping & cleaning the surface then applying one coat of red oxide primer following two coats of Syn. Enamelled paint Complete as reqd.	1	Job	6969.00	Job	6969.00
a	3"/4" MS GI pipeline 31.2 mtr					
b	5"/6" MS GI pipeline 5.4 mtr					
c	1/2"/1" MS GI pipeline 20.1 mtr					
21	To & Pro transportation			4000.00		4000.00
				<b>Total</b>		<b>359118.00</b>