

SCHEDULE OF WORK

Name of work: MOEI and Fans including sub-station, compound light, lift, Fire fighting etc. at NSSO Building and Guest House of NSSO at Mahalanobish Bhavan 164 GLT Road, Kolkata-108 during 2026-27. (SH: Repairing of wet riser fire fighting system).

Sl. No	Description of item	Quantity	Rate	unit	Amount	Remarks
1.	Providing laying, testing & commissioning of 'C' class heavy duty MS Pipe conforming to IS 1239/Class -II of IS: 3589 i/c fittings like elbows, tees, flanges, tapers, nuts bolts, gaskets etc. in ground including welding, excavation & providing cement concrete blocks as supports, anticorrosive treatment with coaltar/asphalt tape as per IS 10221, refilling the trench etc. of following sizes complete as required.					DSR 2025 Item No 27.6
1.1.	150 mm. Dia	12	₹ 5,104.00	Mtr	₹ 61,248.00	27.6.2.
2.	Providing, laying, testing & commissioning of 'C' class heavy duty MS pipe conforming to IS 1239/Class -II of IS: 3589 including Welding, fittings like elbows, tees, flanges, tapers, nuts bolts, gaskets etc. and fixing the pipe on the wall/ceiling with suitable clamp/support frame and painting with two or more coats of synthetic enamel paint of required shade complete as required :					DSR 2025 Item No 27.7
2.1.	100 mm dia	6	₹ 3,077.00	Mtr	₹ 18,462.00	27.7.7.
2.2	150 mm dia	12	₹ 4,299.00	Mtr	₹ 51,588.00	27.7.8
3	Supplying, fixing, testing and commissioning of butterfly valve of PN 1.6 rating with bronze/gunmetal seat duly ISI marked complete with nuts, bolts, washers, gaskets conforming to IS 13095 of following sizes as required :					DSR 2025 Item No 27.11
3.1	100 mm dia	1	₹ 7,271.00	Set	₹ 7,271.00	27.11.5
3.2	150 mm dia	2	₹ 9,737.00	Set	₹ 19,474.00	27.11.6
4	Providing, installation, testing and commissioning of non-return valve of following sizes confirming to IS: 5312 complete with rubber gasket, GI bolts, nuts, washers etc.as required:					DSR 2025 Item No 27.14
4.1	100 mm dia	1	₹ 11,853.00	Set	₹ 11,853.00	27.14.5
4.2	150 mm dia	1	₹ 18,884.00	Set	₹ 18,884.00	27.14.7
5	Supplying and fixing 63 mm dia, 15 m long RRL hose pipe with 63 mm dia male and female couplings duly bound with GI wire, rivets etc. conforming to IS 636 (type-A) as required:					DSR 2025 Item No 27.16
5.1	Stainless Steel (Grade 304)	20	₹ 4,667.00	Set	₹ 93,340.00	27.16.2
6	Supplying and fixing first-aid Hose Reel with MS construction spray painted in post office red, conforming to IS 884 complete with the following as required. 20 mm nominal internal dia water hose thermoplastic (Textile reinforced) type -2 as per IS: 12585 20 mm nominal internal dia gun metal globe valve & nozzle. Drum and brackets for fixing the equipments on wall. Connections from riser with 25 mm dia stop gun metal valve & M.S. Pipe and socket.					DSR 2025 Item No 27.17
6.1	30 m	2	₹ 9,440.00	Set	₹ 18,880.00	27.17.1
7	Providing & fixing of pressure switch in M.S. pipe line including connection etc. as required.	3	₹ 1,670.00	Each	₹ 5,010.00	27.22
8	Providing and fixing in position industrial type pressure gauges with gun metal / brass valves complete etc. as required.	4	₹ 1,491.00	Each	₹ 5,964.00	30.8
9	Overhauling and servicing of the followings including testing commissioning complete as required.					
9.1	Pressure Switch	2	₹ 296.00	Each	₹ 592.00	MR
9.2	Different types of Non return and butterfly valves (100 & 150 mm)	5	₹ 843.00	Each	₹ 4,215.00	MR
9.3	Electric driven main fire Pump & Motor (60 HP)					
9.3.1	Main Motor Becking & Heat Varnish	1	₹ 18,179.00	Job	₹ 18,179.00	MR
9.3.2	Pump Bearing	4	₹ 6,896.00	Each	₹ 27,584.00	MR
9.3.3	Pump Dismanting Cover, Bush Machining at Workshop	2	₹ 22,083.00	Job	₹ 44,166.00	MR
9.3.4	Motor Bearing	2	₹ 9,097.00	Each	₹ 18,194.00	MR

Sl. No	Description of item	Quantity	Rate	unit	Amount	Remarks
9.4	Jockey Pump (20 HP)					
9.4.1	Kirloskar Motor Becking & Heat Varnish	1	₹ 9,624.00	Job	₹ 9,624.00	MR
9.4.2	Ball Bearing 6309z SKF	1	₹ 2,274.00	Each	₹ 2,274.00	MR
9.4.3	Pump Dismantling Cover, Bush Macking at Workshop	1	₹ 9,443.00	Job	₹ 9,443.00	MR
9.5	Fire Pump Panel Board and checking the scquence of pump operation etc. complete as required.	1	₹ 2,448.00	Each	₹ 2,448.00	MR
9.6	61.09 KW DG(4R 1040) Kirloskar set Servicing including Change of Following Spare a) Diesel Filter b) Mobil Filter c) Air Filter d) Coolant e) Engine Servicing etc.	1	₹ 23,393.00	Each	₹ 23,393.00	MR
10	Supplying, Installation, testing & commissioning of 12 V minimum 105 AH complete with suitable size copper cable with holding clamps including connection interconnection complete as required. (Minimum warrenty 2 Years Certificate from OEM	1	₹ 20,351.00	Each	₹ 20,351.00	MR
11	Wiring for circuit/ submain wiring along with earth wire with the following sizes of FRLS/HFFR PVC insulated copper conductor, single core cable in surface/ recessed steel conduit as required					DSR 2025 Item No 1.7
11.1	2 X 4 sq. mm + 1 X 4 sq. mm earth wire	20	₹ 476.00	Metre	₹ 9,520.00	1.7.3
11.2	2 X 6 sq. mm + 1 X 6 sq. mm earth wire	10	₹ 652.00	Metre	₹ 6,520.00	1.7.4
12	Buy-back for damaged/worn out/unserviceable material					
12.1	Rusted pipe 150 mm dia	24	-₹ 45.00	each	-₹ 1,080.00	MR
12.2	Rusted pipe 100 mm dia	6	-₹ 500.00	each	-₹ 3,000.00	MR
12.3	Battery 12 V	1	-₹ 1,500.00	each	-₹ 1,500.00	
12.4	Pressure Gauge	4	-₹ 50.00	each	-₹ 200.00	MR
	Total				₹ 502,697.00	

Assistant Engineer(E)
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