

SCHEDULE OF WORK

Name of Work : MOEI & Fans i/c RMO DG set, Pump set, street light, lift, STP, firefighting etc at ZSI office and residential quarters, Calicut for the year 2026-27. SH: Providing labour and material for day to day maintenance

Sl.No.	Description	Qty	Unit	Rate	Amount
	WIRING				
1	Running, maintenance and operation of Electrical installations, DG set, Water supply pump sets, wet riser, lift etc. including general maintenance as required on all days except Sundays as per terms and conditions attached. (1 No wireman cum operator and 1 no electrical Khallasi in general shift or as directed by the Engineer in charge) at ZSI office and residential quarters, Calicut.	12	month	66560	798720
2	Supply of following material for day to day maintenance and fixing by maintenance staff already engaged, material will be supplied only when required as per compliant as mentioned below and to be entered in MAS register.				
2.1	5/6 amps switch, piano type	20	No	17	340
2.2	15/16 amp switch, piano type	3	No	81	243
2.3	3 pin 5/6 amp socket outlet, piano type	3	No	39	117
2.4	6 pin 15/16 amp socket outlet, piano type	3	No	101	303
2.5	5/6 amps switch, modular type	2	No	58	116
2.6	15/16 amp switch, modular type	2	No	125	250
2.7	3 pin 5/6 amp socket outlet, modular type	2	No	107	214
2.8	6 pin 15/16 amp socket outlet, modular type	2	No	178	356
2.9	PVC batten/ angle holder	2	No	37	74
2.10	call bell/ buzzer	2	No	74	148
2.11	two module stepped type electronic fan regulator	5	No	372	1860
2.12	2.5 MFD Fan Capacitor	10	No	38	380
2.13	5 amps. to 32 amps. ratings , SP MCB, "C" curve	10	No	228	2280
2.14	40 A DP isolator	3	No	457	1371
2.15	63 A FP isolator	2	No	1123	2246
2.16	40A DP RCCB, 30/100 mA	4	No	2919	11676
2.17	1200 mm sweep, BEE 5 star rated, ceiling fan with BLDC Motor	10	No	3196	31960
2.18	300 mm sweep, exhaust fan with metallic blades	2	No	2470	4940
2.19	LED tube set ,20 W, 4 feet nominal size	10	No	516	5160
2.20	LED bulb,9 W B22 type	15	No	54	810
2.21	18 W LED Downlight having system lumen efficacy $\geq 105 < 120$ lm/Watt	10	No	808	8080
2.22	2 ft 10W LED Mirror light	2	No	304	608
2.23	1ft x 4 ft 36/40 W surface panel LED fitting having efficacy > 100 lm/W, cool day light	5	No	2345	11725
2.24	1ftx1ft 24 W LED panel having efficacy 100 lm/W	4	No	1335	5340
2.25	Supplying following size/ modules, modular PVC box along with modular base & cover plate for modular switches in recess etc as required.				
2.25.1	1 or 2 Module (75mmX75mm)	5	No	136	680
3	Servicing of Kirloskar make Diesel Engine of 200 KVA DG Set including replacement of following spare parts etc complete as required.	1	Job	5239	5239
	Spin on Lub Oil Filter -2 no				
	Fuel Filter element - 1 no				

Sl.No.	Description	Qty	Unit	Rate	Amount
4	Annual maintenance of wet riser fire fighting system and down comer system comprising of main electric pump set, diesel engine pump set, pressurization pump set, priming pump, electric and diesel engine with control panels, landing valves in all the floors, sluice valves, gate valves, foot valves, air release valves, air vessels, hose boxes with hose reels and hoses, pressure switches, fire brigade connections, yard hydrants, entire piping work battery set and all other connected equipment's and controls complete as per additional conditions attached. (Servicing should be done once in every month)				
4.1	ZSI Office Building (G + 6 Floor having wet riser + Down comer system) and Qtrs Block (G+ 3) connected with Down comer of office.	12	Months	4764	57168
5	Re-filling of Carbon dioxide (CO2)type portable fire extinguisher cylinder fully charged of 4.5 Kg capacity confirming to IS 2878 : 2004 and IS 15683: 2006 with latest amendments etc., complete as required.	25	Nos.	768	19200
6	Re-filling of Water Type (Gas Catridge)type portable fire extinguisher cylinder fully charged of 9 ltr capacity including catridge refilling confirming to IS 940 : 2003 and IS 15683: 2006 with latest amendments etc., complete as required.	19	Nos.	806	15314
7	Providing routine operation and maintenance services for the existing 15 KLD Sewage Treatment Plant (STP) and all its associated equipment and accessories by deputing one experienced/suitable Supervisor twice a month for inspection, supervision and routine maintenance of the plant, including checking and servicing of pumps, motors, blowers, control panels, dosing system and other allied equipment, cleaning of screening chamber, removal of accumulated sludge/bio-sludge and coarse/grit particles, minor adjustments and preventive maintenance as required, and providing the following necessary T&P, tools, lubricants, chemicals and other routine consumables required for satisfactory and uninterrupted functioning of the STP, including all incidental works, complete as required.				
7.1	STP supervisor	12	Months	2870.00	34440.00
7.2	Aerobic bacteria	72	Kg	1742.00	125424.00
7.3	Sodium Hypo Chloride	300	ltr	65.00	19500.00
7.4	Water testing report	12	Nos.	1960.00	23520.00

Sl.No.	Description	Qty	Unit	Rate	Amount
8	SITC of 3 mm thick wooden-finish ACP (or any other suitable finish as approved/directed by the Engineer-in-Charge) inner-cut sign board with frame of minimum 25 mm thickness, of suitable size and design, complete with 4 mm thick acrylic cut-out letters for displaying "ZOOLOGICAL SURVEY OF INDIA" in three languages, with individual letter height not less than 15 cm, including ZSI logo on the left side and Ashoka Stambha on the right side, both of size proportionate to the lettering and aesthetically balanced with the overall signage, including concealed LED illumination with suitable LED modules/strips, SMPS/driver, internal wiring, supports, and all necessary fixing accessories, including fabrication, making, installation and fixing at the top of the ZSI Main Entrance Gate, complete in all respects, as per the approved design, specifications and directions of the Engineer-in-Charge.	4.50	sq.m	17913	80609
9	SITC of GP frame of suitable size and section, covered with 3 mm thick wooden-finish ACP sheet or any other suitable finish as approved/directed by the Engineer-in-Charge, complete with titanium-coated stainless steel (SS) box letters of minimum 30 mm thickness, with LED illumination, comprising the name "ZOOLOGICAL SURVEY OF INDIA" in three languages, with individual letter height not less than 27 cm, including ZSI logo on the left side and Ashoka Stambha on the right side, both appropriately proportionate and aesthetically balanced with the lettering and overall signage, including LED modules/strips, SMPS/driver, internal wiring, necessary supports and fixing accessories, complete with fabrication, making, installation and fixing in position, as per approved design, specifications and directions of the Engineer-in-Charge, complete in all respects.	16.50	sq.m	15454	254991
10	SITC of GP frame of suitable size and section, covered with 3 mm thick wooden-finish ACP board or any other suitable finish as approved/directed by the Engineer-in-Charge, complete with titanium-coated stainless steel (SS) inner-cut box letters thickness not less than 50 mm with concealed LED illumination, comprising the lettering "ZSI" with individual letter height not less than 60 cm, including ZSI logo of suitable size proportionate to the lettering and aesthetically balanced with the overall signage, including LED modules/strips, SMPS/driver, internal wiring, necessary supports, and fixing accessories, complete with fabrication, making, installation and fixing in position, as per approved design, specifications and directions of the Engineer-in-Charge, complete in all respects.	1.75	sq.m	44744	78302
11	Comprehensive maintenance of 1 No 8 Passenger lift installed at ZSI Calicut which include routine preventive and break down maintenance for a period of 1 year, i.e repair, replacement of worn out items with minimum down time warranty and guarantee of repaired/replaced items etc. complete as required.	Months	12	11250	135000.00
12	Credit on account of old unserviceable dismantled material(it is ensured that dismantled material should be unserviceable for which credit has been taken.)				

Sl.No.	Description	Qty	Unit	Rate	Amount
12.1	5/6 amps switch, piano type	20	No	-1.00	-20.00
12.2	15/16 amp switch, piano type	3	No	-1.00	-3.00
12.3	3 pin 5/6 amp socket outlet, piano type	3	No	-2.00	-6.00
12.4	6 pin 15/16 amp socket outlet, piano type	3	No	-3.00	-9.00
12.5	5/6 amps switch, modular type	2	No	-1.00	-2.00
12.6	15/16 amp switch, modular type	2	No	-1.00	-2.00
12.7	3 pin 5/6 amp socket outlet, modular type	2	No	-2.00	-4.00
12.8	6 pin 15/16 amp socket outlet, modular type	2	No	-3.00	-6.00
12.9	PVC batten/ angle holder	2	No	-1.00	-2.00
12.10	call bell/ buzzer	2	No	-1.00	-2.00
12.11	2 MD fan regulator	5	No	-1.00	-5.00
12.12	2.5 MFD Fan Capacitor	10	No	-0.50	-5.00
12.13	5 amps. to 32 amps. ratings , SP MCB,	10	No	-1.00	-10.00
12.14	40 A DP isolator	3	No	-2.00	-6.00
12.15	63 A FP isolator	2	No	-3.00	-6.00
12.16	40A DP RCCB	4	No	-5.00	-20.00
12.17	Description	10	No	-150.00	-1500.00
12.18	300 mm sweep, exhaust fan with metallic blades	2	No	-150.00	-300.00
12.19	4 ft Tube set	10	No	-0.50	-5.00
12.20	9 W Bulb	15	No	-0.50	-7.50
12.21	18 W Downlight	10	No	-2.00	-20.00
12.22	2 ft Mirror light	2	No	-0.50	-1.00
12.23	1ft x 4 ft fitting	5	No	-5.00	-25.00
12.24	1ftx1ft fitting	4	No	-5.00	-20.00
12.25	1 or 2 Module GI/ PVC box	5	No	-1.00	-5.00
12.26	Buy-back of existing ZSI main entrance gate signage comprising existing letters, logo, Ashoka Stambha and associated supporting/fixing materials, including dismantling and removal from site, complete as directed by the Engineer-in-Charge.	1	LS	-1000.00	-1000.00
12.27	Buy-back of existing "ZOOLOGICAL SURVEY OF INDIA" trilingual signage comprising existing letters, logo, Ashoka Stambha and associated supporting/fixing materials, including dismantling and removal from site, complete as directed by the Engineer-in-Charge.	1	LS	-2000.00	-2000.00
	TOTAL				1733713.00

ASSISTANT ENGINEER (E)(P)
CLTED,CPWD,Calicut.

EXECUTIVE ENGINEER (E)
CLTED,CPWD,Calicut