

Item Number (upto 200 characters)	Item Description	Quantity (only figures)	Unit (upto 50 characters)	Tender Rate (Upto 2 Decimals)	Amount (Upto 2 Decimals)
1	Supply, Installation, Testing and Commissioning of Electrical Driven Jockey Pump Horizontal Centrifugal Monoblock 500 LPM @ 45 Meter Head 7.5 HP The pump unit shall be a horizontally direct mounted motor. Unit shall comprise the following minimum requirements: a) Pump, b) Electric motor IE2, c) Foundation bolts, d) Mating flanges with gasket and fasteners, e) Discharge gauges, etc. Rate including Labour & Material charge	1.00	Each	66627.68	66627.68
2	Supplying, installing, testing and commissioning of Common Control Panel Fabricating for Electrical motor Driven pumps, Jockey Pump and Diesel engine driven pumps Incoming no. 1 Rate including Labour & Material charge	1.00	Each	38885.00	38885.00
3	Supply, fabrication & erection of aboveground G.I. 'C'-Class, ERW piping, conforming to IS:1239, part-I, Heavy class up to 150 mm dia. and IS:3589, for size 200 mm dia. & above, thickness. G.I. pipe fittings as per IS: 1239, part-II, Heavy class for size 150 mm dia. & below & IS: 3589, for size 200 mm dia. above, flanges, nuts bolts & washers, 3 mm thick gasket, pipe hangers, etc. Hydrostatic testing for 2 hour's at 150% of the system pressure, hook-up etc. Painting for piping, fittings & structural pipe support, shall be two coat of zinc primer and two coats of fire red conf. to IS: 5, Shade 536. Complete with all accessories as per approved drawings, specification and direction of the Engineer-in-Charge, with all complete (d) 80 mm dia. Rate including Labour & Material charge	60.00	Meter	1388.75	83325.00
4	Design, Supply and installation of Safety Signage made of Zinc Sulphide based glow in dark, Rigid sheet with High Luminous property enclosed in a transparent weather proof UV stabilized plastic pasted on 3 mm thick clear acrylic sheet such as EXITS, EMERGENCY EXIT, DO NOT USE LIFT DURING FIRE, FLOOR MARKINGS, FIRE LIFT, STAIRCASE EXIT, FIRE ALARM CALL POINT, FIRE HOSE REEL, FIRE HYDRANT POINT etc. Rate including Labour & Material charge	200.00	Sq. Inch	11.11	2222.00
5	Supply, installation, testing & commissioning of pressure switch. (Range 0 to 16 kg/cm ²) Rate including Labour & Material charge	1.00	Each	3333.00	3333.00
6	Supply, installation, testing & commissioning of 150 mm dia. dial Burdon Type Glycerine Filled pressure gauge with isolation ball valve arrangements with necessary isolation valves with all complete. (Range 0 to 15 kg/cm ²) Rate including Labour & Material charge	1.00	Each	6464.00	6464.00
7	Supply, Installation, Testing & Commissioning of Cast iron body Butterfly valve according to IS: 13095, PN-1.6, Iron Disc for size 150 mm dia. & below Lever operated and above 150 mm dia. Gear operated complete with mating flanges/ ANSI class # 150 with bolts & nuts washers, rubber gaskets 3 mm thick, etc., with all complete (c) 80 mm dia. Rate including Labour & Material charge	2.00	Each	3030.00	6060.00
8	Supply, installation, testing & commissioning of Cast iron body NRV conf. to IS: 5312, PN-1.6 complete with mating Flanges/ IS/ ANSI class # 150 with bolts & nuts, washers, gaskets 3 mm thick, etc., with all complete Accessories (a) 80 mm dia. Rate including Labour & Material charge	2.00	Each	6918.50	13837.00
9	Supply, installation, testing & commissioning of Two way fire brigade Inlet connection with 63 mm dia. stainless steel (SS304) instantaneous male inlets with built in non return valve in each inlet with 80 mm dia. header pipe, suitable rubber cap and GI chain including nuts, bolts, washers, gasket 3 mm thick, etc. with all complete. Rate including Labour & Material charge	1.00	Each	6060.00	6060.00
10	Supply, Installation, testing & commissioning of Swinging type mild steel hose reel drum with 20 mm dia. x 30 mtr. rubber hose as per IS: 884. The mounting stand shall be of mild steel and the hose shall be fitted with a SS shut-off nozzle & SS ball valve of 25 mm dia. including supporting arrangement with all complete. Rate including Labour & Material charge	3.00	Each	8736.50	26209.50
11	Filling Of Gaps Between pipe and Core Cutting Hole With Chemical and Cement Rate including Labour & Material charge	4.00	Each	454.50	1818.00
12	Supply, fabrication and erection of Structure MS Material as like Angle, C channel, I Beam Etc. Rate including Labour & Material charge	50.00	K.G	101.00	5050.00

13	Providing and erecting XLPE(IS:7098)(I)-88 ISI armoured cable multistrand Copper conductor for 1.1 KV. to be laid on wall with necessary clamps or in existing trench / pipe at road crossing or floor of following size of cable. (A) 3 core 2.5Sq. Mm Rate including Labour & Material charge	350.00	Meter	213.11	74588.50
14	Providing and erecting XLPE(IS:7098)(I)-88 ISI armoured cable multistrand Copper conductor for 1.1 KV. to be laid on wall with necessary clamps or in existing trench / pipe at road crossing or floor of following size of cable. (C) 3 core 6 Sq. mm Rate including Labour & Material charge	70.00	Meter	393.90	27573.00
15	(B) 3 core 4 Sq. mm Rate including Labour & Material charge	45.00	Meter	285.83	12862.35
16	Providing and fixing, testing and commissioning of Fire alarm Panel Conventional type 8 zone Agni Make Rate including Labour & Material charge Panel	1.00	Each	12873.00	12873.00
17	Providing and fixing, testing and commissioning of Fire Manual Call Point Agri make Rate including Labour & Material charge	8.00	Each	1187.76	9502.08
18	Supply, Installation and commissioning of Audio hooters, with complete accessories. Rate including Labour & Material charge	8.00	Each	1187.76	9502.08
19	Supply, Installation, Testing and Commissioning of S.S. Branch Pipe With Nozzle of 20 mm Nominal Dia Nozzle. Rate including Labour & Material charge	3.00	Each	1969.50	5908.50
20	Providing and fixing, testing and commissioning of Air Release Valve Zoloto Make Rate including Labour & Material charge	2.00	Each	1527.12	3054.24
21	carry out RCC Core cutting- up to 100 mm dia./200mm thick Wall/beam/slab with providing PVC pipe of 3 mm thick inside and necessary finishing on both ends of wall Rate including Labour & Material charge	4.00	Each	1212.00	4848.00
22	Providing and, fixing heavy duty flange type brass double compression type cable gland with rubber ring for PVC insulated armoured cable complete with out going tails, insulating tape etc for following size of cables.(A) 3 & 1/2 / 4 core 25 Sq. mm Rate including Labour & Material charge	8.00	Each	66.66	533.28
23	Solder less crimping type Aluminium lugs conforming to IS suitable for cable of following size evenly crimped with high pressure tool & connected to switchgear terminals with brass/cadmium plated nut bolts in an approved manner. (C) 16/25 Sq.mm. Rate including Labour & Material charge	8.00	Each	15.15	121.20
24	Solder less crimping type Copper lugs conforming to IS suitable for cable of following size evenly crimped with high pressure tool & connected to switchgear terminals with brass/cadmium plated nut bolts in an approved manner. (B) (A) 1.5/2.5 to 6 Sq.mm Rate including Labour & Material charge	16.00	Each	8.08	129.28
25	Providing and erecting Approved make Four pole moulded case circuit breaker having breaking capacity ICU of 25 KA. at 415 V, having normal current rating up to 25 A to 100A. with Fixed thermal & magnetic release suitable to work on A.C. supply 50 c/s. with all internal connections, spreader tinned copper & complete erected in with 16 G.M.S. housing. Rate including Labour & Material charge	1.00	Each	6173.12	6173.12
26	Supplying & erecting earth pit of minimum bore dia.150mm size approved make Earthing Electrode consisting Pipe-in-Pipe Technology as per IS 3043-1987 made of corrosion free hot dipped G.I.Pipes having Outer pipe dia of 50mm having 80-200 Micron galvanising, Inner pipe dia of 25 mm having 200-250 Micron galvanising, connection terminal dia of 12mm with constant ohmic value surrounded by highly conductive compound with high charge dissipation suitable for following type of applications with chamber and heavy duty cover.(approved make OEM has to submit test certificate) & having back filling compound of (B) Inner chemical (CCM Compound)- Resistivity:- 0.2 \square / meter testing as per IEC 62561-2017, Voltage drop:- < 1 volt at no load & dry form, Sulphur content:- <2%(C) Back fill Compound :- Earthing compound should be capable to retain moisture for long time Necessary test report must be submitted. (b)For Electrical installation up to 11 KV in normal soil. Length of Pipe : 2.00 mtrs Back filling Compound :1 no. Bag of 25 Kg. Rate including Labour & Material charge	1.00	Each	4591.46	4591.46

27	Providing one bag of 25 Kg. Additional Back Filling Compound (BFC) suitable for safe earthing device. Rate including Labour & Material charge	3.00	Each	707.00	2121.00
28	providing and erecting Mains with ISI marked, 1.5KV grade electrolyte multi stranded, annealed copper conductor with heat resistant PVC insulated conforms to IS 694, IEC - 227 erected in existing pipe of following size (Specifically for control panel, relays, power switchgears, motor starters & control wiring) with required size of copper lugs, nuts and bolts if required. (e) One wire 6.00 sq. mm	20.00	Meter	53.53	1070.60
29	Supplying and erecting floor mounting stand for keeping four nos. of FIRE buckets comprising 1500 mm in length, 900 mm height frame made out of 30mm X30 mm X 4 mm angle iron with cross supports for legs, welded with 4 hooks and duly painted with one coat of red lead and two coats of approved enamelled silver paint. Rate including Labour & Material charge	1.00	Each	942.33	942.33
30	Supplying FIRE bucket round bottom of 9 litres capacity made out of 24 gauge G.I. sheet with extra handle at bottom duly painted white inside and Red out side with FIRE mark, filled with dry-sand and kept on existing stand provided or hung on wall hook. Rate including Labour & Material charge	4.00	Each	214.12	856.48
	TOTAL AMOUNT :				437141.68