

PRICE BID

Sr. No.	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
1	Main Electric Pump				
	Supplying, installing, testing and commissioning of electric driven Booster pump 900 Imp at 35 m Head suitable for AUTOMATIC Operation and consisting of following complete in all respect, as required : (Terrace Pump) Make - Kirloskar & Lubi	1	No		
a	Horizontal type, multistage, pump of cast iron body & bronze impeller with stainless steel shaft, mechanical confirming to IS : 1520				
b	Suitable HP squirrel cage Inductin Motor TEFC type suitable for operation on 415 volts, 03 phase, 50 Hz AC supply with IP 55 class of protection for enclosure, horizontal foot mounted type with class F insulation, conforming to IS-325				
c	MS fabricated common base plate, coupling, coupling guard, foundation bolts etc as required.				
d	Suitable cement concrete foundation duly plastered and with ant vibration pads.				
2	Automatic Main Control Panel for above pump				
	Fabrication, Supplying, Installation, testing & commissioning of outdoor type electrical control panel of cubical construction, floor / wall mounted type fabricated with 16 SWG CRCA sheet, compartmentalized with hinged locakable doors, dust and vermin proof, powder coated of approved shade, cable alley, busbar, inter connection having following switchgears and accessories mounting and internal wiring, earth terminals, numbering lettering etc complete in all respect suitable for operation on 415 volts, 3 phase, 50 HZ AC supply with enclosure protection class IP 42 as required	1	set		
a	1 No 63 / 100 Amps, 4 pole MCCB, 16 Ka				
b	Digital voltmeter, Ameter with selector switch, indicating lamps (LED type) with toggle switch etc.				
c	Fully automatic Star / delta starter suitable for pumps (450 LPM and 35 meter head) with over load protection, current sensing type single phase preventor complete with all accessories and internal wiring required for automatic operation selector switch for local / remote, auto / manual / OFF operation-01 No				
3	Supplying and Installation 4 core 16 sqmm, XLPE insulated, Aluminium conductor armoured cable of 1.1 KV grade complete as required (measurement shall be as per the actual quantity laid at site) for Fire control Panel(Approximately)	15	mtr		
a	Laying of above cable on wall/surface (clamped with GI saddles 1 mm thick) completed as required	18	mtr		

b	Supplying and making end termination with brass compression gland and aluminium lugs for above cable as required	2	mtr		
c	Providing and fixing 6 SWG dia GI wire on surface or in recess for loop earthing along with existing surface/ recessed conduit/ submain wiring/ cable as required.	65	mtr		
4	Providing, Laying, testing and commissioning of C class heavy MS pipe confirming to IS 1239 including Welding fitting like elbows, tees, flanges, tapers, nuts bolts, gaskets etc. and fixing the pipe on wall / ceiling with suitable clamp / support frame and painting with two or more coats of synthetic enamel paints of required shade complete as required (approximately)				
a	100 mm dia (approximate)	20	mtr		
c	50 mm dia (approximate)	5	mtr		
d	25 mm dia (approximate)	5	mtr		
5	Supplying and fixing single headed internal / external hydrant valve with instantaneous Stainless steel coupling of 63 mm dia with cast iron wheel ISI marked confirming to IS 5290 (Type A) with blank Stainless steel cap and chain as required complete	2	set		
6	Supplying, fixing, testing & commissioning of Butterfly valve 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				
a	100 mm dia	2	No		
b	50 mm dia	2	No		
c	25 mm dia	1	No		
7	Non Return Valve				
	Supplying, fixing, testing & commissioning of following size dual plate check valve including required flanges, nuts & bolts, welding, washers, rubber gasket insertions etc. complete as required @make - Kartar, Newage.				
a	100 mm dia Non Return Valve	2	No		
b	50 mm dia Non Return Valve	2	No		
8	Supplying and fixing 63 mm dia, 15 mtr long reinforced rubber canvas type lined Hose pipe with Male & Female coupling of stainless steel duly bound with GI wire, rivet etc. confirming to IS 636 (Type A) as required @make - Kartar, Newage.	2	No		

9	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	3	No		
a	40 mtr long 20 mm nominal internal dia water hose thermoplastic (type-2) as per ISI 12585,				
b	20mm nominal internal dia gun metal globe valve & nozzle				
c	Drum and bracket for fixing the equipment on wall				
d	connections from riser with 25mm dia stop gun metal valve & MS Pipe & socket.				
10	Supplying and fixing of hose cabinet of size 600mm x 750mm x 250mm made of 16 gauge MS sheet with 5 mm thick glazed glass doors i.e. necessary locking arrangement suitable to accommodate 1 nos, 15 mtr long Hose pipe, 1 no Branch pipe, mounted on walls & duly painted with post office red externally and white internally with synthetic enamel paint complete in all respect, for external hydrant as required make - Safex/ Omex/ New Age/Kartar/Atasee.	2	No		
11	Supplying and fixing 63 mm dia Stainless steel branch pipe with 20 mm nominal internal diameter size nozzle conforming to IS 903 suitable for instantaneous connection to interconnect hose pipe coupling as required @make - Safex/ Omex/ New Age/Kartar/Atasee.	2	No		
12	Supplying,fixing,testing & commissioning of CYLINDRICAL TYPE AIR VESSEL made of 150 mm C Class MS Pipe with 6 mm thick dish end MS plates with necessary AIR RELEASE VALVE, 25 MM DIA HEAVY DUTY GUN METAL WHEEL VALVE OF APPROVED MAKE WATER RELEASE VALVE, 25MM DIA HEAVY DUTY GUN METAL OF APPROVED MAKE with necessary nipples, unions, elbows & heavy duty suitable pressure gauge including pipes to be connected with the ring main/wet riser with heavy duty rubber gasket, welding nuts ,bolts flanges MS support / angle iron frame work & cement concrete anchor blocks as required at site etc complete. make - Safex/ Omex/ New Age/Kartar/Atasee.	1	nos		
13	Providing and fixing Pressure Switch in the MS Pipe line including connections etc as required	1	no		
14	Providing & placing on basement 5000 ltr polyethylene water storage tank, Three layer as per IS: 12701 with cover, suitable locking arrangement, necessary holes for water inlet & outlet, overflow pipe but with fitting and the base support for tank complete as required	1	nos		

15	Porviding & fixing G.I. pipes complete with G.I. fitting and clamps including painting cutting and chasing the wall wherver required and making goods the walls etc. of approved make of B Class(approximately)				
a	25 mm dia	10	RM		
b	32 mm dia	10	RM		
16	cutting existing GI line and making T connection bend,union etc complete with new fittings (GI Pipe line) of approved make				
a	for 25 mm GI line	1	each		
b	for 32 mm GI line	1	each		
c	Providing & fixing brass ball valve, high or low pressure with plastic float of approved quality complete of 25 mm nominal dia	4	No		
	Total -				