

BOQ for the Revampng of existing Fire Hydrant System

S.No	Item Description	Unit	Quantity	Rate per unit (Rs.)	Total Amount (Rs.)
1	Supply, fixing, testing commissioning of butterfly valve PN 1.6, with Bronze/ Gunmetal seat duly ISI marked complete with Nuts, Bolts, washers, gaskets, conforming to IS 13095, of following sizes as required. (MAKE – NEW AGE/ SWATI /Lifeguard /other equivalent ISI Mark)				
a	100 mm	Nos	4		
b	80 mm	Nos	7		
2	Providing, fixing, testing and commissioning of Above Ground M.S. ERW Black C Class Heavy duty pipes as per IS: 1239 including cutting, screwing, welding etc. and providing all fittings like flanges, bends, tees, elbows, reducers, clamps, hangers etc. with painting of one coat of primer and 2 or more coats of synthetic enamel paint of approved make / shade complete as per specification (MAKE TATA/ JINDAL/ Nezone)				
a	100 mm	Mtr	180		
b	80 mm	Mtr	80		
3	Providing & Fixing of weather proof hose cabinets fabricated from 16 S.W.G M.S Sheet with Centre opening full front glass door and locking arrangement suitable to accommodate 1nos 15M Long hoses and 1 no. Branch Pipe with nozzle. The cabinet shall be painted with one coat of primer and 2 or more coats of synthetic enamel paint of approved make & shade and shall be suitably mounted on a raised masonry platform complete as reqd.(Make - Self Fabricated) 750 X 600X 250 MM	Nos	2		
4	Providing RRL Hose with ISI Marked (IS:636) 63 mm dia X15 M long complete with instantaneous type Stainless Steel 63 mm dia ISI Marked male & female couplings (IS: 903) bound & riveted to hose pipes with SS rivets and SS wire complete as required. (MAKE: NIRMAL RUBBER/ NEW AGE/Lifeguard/BRG or equivalent ISI Mark)	Nos	4		
5	Providing & Fixing of Stainless Steel 63 mm dia Short Branch Pipe 20 mm dia nozzle , ISI marked (IS: 903) complete as required.(MAKE– NEW AGE/Lifegaurd/ SWATI/ TULSI/ or other equivalent ISI Mark)	Nos	2		
6	Providing and fixing gunmetal of single acting air release valve with screwed inlet 25 mm dia. (Make: Zoloto/ Karter/ Kit/ other equivalent ISI Mark)	Nos	1		
7	SITC of Cast iron body Non-Return valves (NRV)- 80 MM dual plate with matching flanges, rubber insertion, nuts, bolts and washer etc. (IS:5312) of following sizes complete as reqd. (Make:Sant /Kartar/New Age/Audco)	Nos	1		
8	Providing & Fixing of Stainless Steel 63 mm dia Short Branch Pipe 20 mm dia nozzle , ISI marked (IS: 903) complete as required.(MAKE– NEW AGE/Lifegaurd/ SWATI/ TULSI/ or other equivalent ISI Mark)	Nos	2		
9	SITC of 2 core Copper Cable suitable for pressure switch (Fire Panel to Pressure switch) (Make- Polycab/ Finolex/ RR Kable/ KEI)	Mtr	20		
10	Providing of Fire Hydrant Blank Cap for 63 mm instatenious female coupling	Nos	9		
11	Providing of Blank Cap (Fiber/plastic) for the 63 MM hydrant/landing point	Nos	9		
12	Providing & Fixing setup Nozzle 20mm made of SS (Make ISI or leading Branch).	Nos	2		
13	Servicing of Terrace Motor Pump 7.5 HP.	Nos	1		
14	Painting/Reparing and Marking of of Hose Box (Double Door)	Nos	8		
15	Servicing/Reparing of Hose Reel Drum (if any)	Nos	3		
16	Dismantling of exiting hydrant points & two way FB inlet and reconnection to new line.	Nos	7		
17	Servicing of Main Electric Fire Pump (1800 LPM)/Jocky Pump (160 LPM)/Diesel Pump (1800 LPM)/ Terrace Motor Pump (450 LPM)	Job	1		
Total					