

Sub : Quotation for Supply and Installation of Fire Fighting System (G+12)

SN	Description	Amount
A	PUMP ROOM	966,356
B	EXTERNAL HYDRANT	287,898
C	WET RISER	216,798
D	BOOSTER PUMP	85,058
E	SPRINKLER SYSTEM	230,894
F	FIRE ALARM SYSTEM & P.A. SYSTEM	104,400
G	PORTABLE FIRE EXTINGUISHERS	22,000
	Total Amount	1,913,404
	Hardware 5%	95,670.20
	Labour 15%	287,010.60
	Profit 10%	191,340.40
	Grand Total	2,487,425

A) PUMP ROOM

SN	Description	Qty.	Unit	Rate	Total
1	Providing, fixing & commissioning of 2280 LPM @90 M head pump coupled with Electric motor driven alongwith baseframe, foundation bolts & coupling guard.	1	No.	220,000	220,000
2	Providing, fixing & commissioning of 2280 LPM @90 M head pump coupled with diesel driven alongwith baseframe, foundation bolts & coupling guard.	1	No.	450000	450,000
3	Jockey pump 180 LPM @90 M head with Bronze impeller and motor driven alongwith baseframe, foundation bolts & coupling guard.	1	No.	75000	75,000
4	Providing, fixing & commissioning of G.I. IS: 1239/ IS:3589 pipe with complete with fittings & paintings.				
	150 mm dia	24	Mtrs.	1447	34,728
	100 mm dia	6	Mtrs.	981	5,886
	80 mm dia	6	Mtrs.	682	4,092
5	Providing, fixing & commissioning of foot valve				
	150 mm dia	2	Nos.	10000	20,000
	100 mm dia	1	Nos.	8000	8,000
6	Providing, fixing & commissioning of Butterfly Valve.				
	150 mm dia	1	Nos.	3500	3,500
	100 mm dia	2	Nos.	2000	4,000
	80 mm dia	2	Nos.	1500	3,000
7	Providing, fixing & commissioning of Wafar type Non Return Valve.				
	100 mm dia	2	Nos.	5500	11,000
	80 mm dia	1	No.	2500	2,500
8	Providing, fixing & commission of Ball Valve.				
	25 mm dia	3	Nos.	300	900
	15 mm dia	3	Nos.	200	600
9	Pressure Guage	4	Nos.	700	2,800
10	Pressure Switch	3	Nos.	950	2,850
11	Providing, fixing & commissioning of tank inlet 4way type	1	No.	4500	4,500
12	Cable for Panel to pumps	1	Lot	15000	15,000
13	Providing, Fixing & Commissioning of Air Vessel Tank.	1	Nos.	5000	5,000
14	Providing, Fixing & Commissioning of Priming Tank.	1	Nos.	3000	3,000
15	Providing, Fixing & Commissioning of motor control Panel .	1	Lot	90000	90,000
		TOTAL AMOUNT ...			966,356

B) EXTERNAL HYDRANT

SN	Description	Qty.	Unit	Rate	Total
1	Providing, fixing & commissioning of G.I "C" class pipe confirming to IS: 1239, complete with fittings, coating & wrapping .				
	150 mm dia	162	Mtrs.	1447	234,414
	80 mm dia	12	Mtrs.	682	8,184
2	Providing, fixing & commissioning of single head hydrant valve.	4	Nos.	3200	12,800
3	Providing, fixing of M.S. Single door hose box with locking arrangement & glass.	4	Nos.	1200	4,800
4	Providing, fixing of S.S short branch pipe.	4	Nos.	800	3,200
5	Providing, fixing of Canvas hose pipe as per IS:636.				
	15 Mtrs long	4	Nos.	3500	14,000
6	Providing, Fixing & Commissioning of Fire Breeching connection.	1	No.	5500	5,500
7	Providing fixing & commsioning of C.I. Butterfly Valve.				
	150 mm dia	1	No.	2500	2,500
8	Providing, fixing of commissioning of wafer type Non Return Valve.				
	150 mm dia	1	No.	2500	2,500
		TOTAL AMOUNT ...			287,898

C) WET RISER

SN	Description	Qty.	Unit	Rate	Total
1	Providing, fixing & commissioning of G.I "C" pipes confirming to IS:1239, complete with fittings & welding of Pipes, supports, painting.				
	150 mm dia	48	Mtrs.	1,447	69,456
	80 mm dia	6	Mtrs.	682	4,092
2	Providing, fixing & commissioning of Single Hydrant valve.	12	Nos.	3,200	38,400
3	Providing, fixing & commissioning of first aid hose reel with 30 mtrs. long x 20 mm dia rubber hose pipe with shutoff nozzle, including ball valve & brackets.	12	Nos.	3,000	36,000
4	Providing, fixing & commisioning of Gunmetal air release ball valve				
	25 mm dia	1	No.	350	350
5	Providing fixing & commsioning of C.I. Butterfly valve.				
	150 mm dia	1	No.	2,500	2,500
6	Providing, fixing of M.S. Single door hose box with locking arrangement & glass.	12	Nos.	1,200	14,400
7	Providng, fixing of canvas hose pipe as per IS:636 15 mtrs long.	12	Nos.	3,500	42,000
8	Providing, fixing of S.S short branch pipe.	12	Nos.	800	9,600
		TOTAL AMOUNT ...			216,798

D) BOOSTER PUMP

SN	Description	Qty.	Unit	Rate	Total
1	Providing, fixing & commissioning of Booster Pump of 900 LPM & 10 HP	1	No.	45000	45,000
2	Providing, fixing & Commissioning of G.I "C" IS. 1239 pipes complete with fittings, supports & painting.				
	100 mm dia	18	Mtrs.	981	17,658
3	Providing, fixing & commissioning of Butterfly valve.				
	100 mm dia	1	No.	2,000	2,000
4	Providing, fixing of commissioning of wafer type Non Return Valve.				
	100 mm dia	1	No.	2,500	2,500
5	Pressure Guage	1	No.	300	300
6	Cable				
	4C x 4 sq mm copper conductor armoured cable.	60	Mtrs.	110	6,600
	3C x 1.5 sq mm copper conductor armoured cable.	60	Mtrs.	45	2,700
7	Starter	1	Nos.	8,000	8,000
8	Push Button	1	Nos.	300	300
		TOTAL AMOUNT ...			85,058

E) SPRINKLER SYSTEM

SN	Description	Qty.	Unit	Rate	Total
1	Providing & fixing heavy, 'C' class G.I. pipes as per IS: 1239, with welded joints, including all fittings, painting.				
	100 mm dia	12	Mtrs	981	11,772
	80 mm dia	12	Mtrs	682	8,184
	65 mm dia	60	Mtrs	553	33,180
	50 mm dia	30	Mtrs	441	13,230
	40 mm dia	90	Mtrs	302	27,180
	32 mm dia	66	Mtrs	264	17,424
	25 mm dia	288	Mtrs	213	61,344
2	Providing fixing & commsioning of C.I. Butterfly valve.				
	100 mm dia	1	Nos.	2000	2,000
	80 mm dia	1	Nos.	1500	1,500
3	Providing, fixing of Ball Valve 25mm	12	Nos.	350	4,200
4	Providing, fixing of Sprinkler	144	Nos.	170	24,480
5	Providing, fixing of Sidewall Sprinkler	32	Nos.	200	6,400
6	Core Cutting	1	Lot	20000	20,000
		TOTAL AMOUNT ...			230,894

F) FIRE ALARM SYSTEM & P.A. SYSTEM

SN	Description	Qty.	Unit	Rate	Total
1	Providing, fixing & commissioning of Manual Call Point hooter with P.A. System	12	Nos.	1100	13,200
2	Providing, fixing & commissioning of copper conductor armoured cable.				
	2 core x 1.5 sq.mm (FRLS)	200	Mtrs.	60	12,000
	2 core x 1.5 sq.mm	120	Mtrs.	70	8,400
	4 core x 1.5 sq.mm	120	Mtrs.	90	10,800
	Providing, fixing & commissioning of Smoke Detector	25	Nos.	600	15,000
3	Providing, fixing & commissioning of Electronics control panel.				
	14 zone Fire Alarm Panel	1	Nos.	45000	45,000
		TOTAL AMOUNT ...			104,400

G) PORTABLE FIRE EXTINGUISHERS

SN	Description	Qty.	Unit	Rate	Total
1	ABC type fire extinguishers capacity 6 kg. with ISI mark.	15	Nos.	1000	15,000
2	CO2 type fire extinguishers capacity 4.5 kg. with ISI mark.	2	Nos.	3500	7,000
		TOTAL AMOUNT ...			22,000