

ANNEXURE_FIRE_PROTECTION

MATERIAL HANDLING OF FIRE PROTECTION SYSTEM - RECEIPT OF MATERIAL, UNLOADING, PROPER STORAGE, MATERIAL RECONCILIATION, SAFE KEEPING, HANDING OVER TO BHEL / FIRE FIGHTING CONTRACTOR, PROPER RECORD KEEPING ETC TO COMPLETE.

BILL OF QUANTITY - THE BILL OF QUANTITY / UNIT WEIGHT MENTIONED HEREAFTER IS TENTATIVE AND MAY VARY DURING DETAILED ENGINEERING STAGE. MODE OF PAYMENT SHALL BE EQUIPMENT / ITEM WEIGHT EXCLUDING PACKING WEIGHT, BIDDER TO QUOTE ACCORDINGLY.

SR. NO.	DESCRIPTION	SIZE (MM)	MOC	UNIT	QTY.	UNIT WEIGHT	TOTAL WEIGHT ESTIMATE (Kg)	GRAND TOTAL (Kg)
H.	400 kv ITARSI							
	HVW spray system, Hydrant system and complete U/G & O/G piping and accessories etc. outside the pump house							
1	PIPE	150 NB	G.I.(medium)	Meter	30	15	450	6361.56
1	PIPE	100 NB	G.I.(medium)	Meter	12	13.56	162.72	
2	PIPE	65 NB	G.I.(medium)	Meter	78	8	624	
3	PIPE	50 NB	G.I.(medium)	Meter	78	5.52	430.56	
4	PIPE	40 NB	G.I.(medium)	Meter	54	4.54	245.16	
5	PIPE	25 NB	G.I.(medium)	Meter	182	2.51	456.82	
6	PIPE (FOR PYLON)	80 NB	M.S.	Meter	156	8	1248	
7	SPRAY NOZZLES (K-23*120)	20 NB	BRASS	Nos.	95	1	95	
8	DELUGE VALVE WITH COMPLETE TRIM CONNECTION	150 NB	C.I.	Nos.	1	110	110	
9	GATE VALVE	150 NB	CI	Nos.	3	80	240	
10	QUARTZOID BULB DETECTOR	15 NB	BRASS	Nos.	69	0.7	48.3	
11	STRAINER Y TYPE	150 NB	MS Fabricated	Nos.	1	130	130	
12	LOCAL CONTROL PANEL FOR DV	-	-	Nos.	1	15	15	
13	PRESSURE SWITCH			Nos.	2	2	4	
14	SOLENOID VALVE			Nos.	1	2	2	
17	MS FITTINGS			Lot	3	400	1200	
18	GI FITTINGS			Lot	3	100	300	
19	WRAPPING COATING			Lot	3	200	600	
	Hydrant system, complete U/G piping and accessories etc. outside the Pump House for Fire Protection of 400/220kV							
1	PIPE CONFIRMING IS 1239	250NB	M.S.(medium)	Meter	30	26	780	1797.28
2	PIPE CONFIRMING IS 1239	80NB	M.S.(medium)	Meter	6	8.38	50.28	
	UNDER GROUND PIPING						0	
1	PIPE CONFIRMING IS 1239	150NB	M.S.(medium)	Meter	18	14	252	
2	SINGLE HEADED HYDRANT VALVE	63 NB	G.M.	Nos.	1	35	35	
3	HOSE BOX (Suitable for 2x15m Hose)	-	M.S.	Nos.	1	40	40	
4	HOSE PIPE	63ØX15M Long	-	Nos.	2	20	40	
5	BRANCH PIPE WITH NOZZLE	63 NB	G.M.	Nos.	1	15	15	
6	ANNUNCIATION PANEL IN PUMP HOUSE			Nos.	1	40	40	
7	FIRE ALARM CUM ANNUNCIATION PANEL IN CONTROL ROOM BUILDINGS			Nos.	1	40	40	
8	GATE VALVES	250NB		Nos.	0		0	
8	CONSUMABLE LIKE PAINTS, PRIMER, ANGLE, CHANNELS, PLATES, ANCHOR FASTENER, U CLAMP, NUT BOLT, GASKET ETC.			LOT	1	500	500	
23	Conventional FDA Systems for GIS buildings in Itarsi			lot	1	5	5	