

**PROPOSED INTERIORS OF BIO-INCUBATOR AT IITM RESEARCH PARK PHASE-2
AT TARAMANI, CHENNAI.**

BILL OF QUANTITIES / PRICE SCHEDULE

S U M M A R Y

S.No.	Description	Amount
PART - A :	SPRINKLER SYSTEM	2,59,900
PART - B :	PORTABLE EXTINGUISHERS	89,000
	WATER & POWER	
	Duties & Taxes	
	TOTAL C/o TO GENERAL SUMMARY IN Rs.....	3,48,900

PROPOSED INTERIORS OF BIO-INCUBATOR AT IITM RESEARCH PARK PHASE-2 AT TARAMANI, CHENNAI.					
BILL OF QUANTITIES / PRICE SCHEDULE					
S.No	Description of works	Quantity	Unit	Rate	Amount
A	SPRINKLER SYSTEM :				
1	Supply and Erection of heavy class MS pipes (ERW quality conforming to IS / BS) with welded joints including cutting the pipes to correct lengths, fixing with clamps to MS brackets / hangers, steel supports with paintings and clamping in ceiling for respective floors with hitech supports at as per regular standard intervals. The hydro testing to (10.5kgs/cm ²) pressure. Rates to inclusive of all complete as per specifications (including heavy class fittings) of the following diameters. (Make: TATA, Jindal, Welspun , Surya)				
a	150 NB	QRO	RMT	2,200	
b	100 NB	20	RMT	1,500	30,000
c	80 NB	15	RMT	1,200	18,000
d	65 NB	15	RMT	1,100	16,500
e	50 NB	10	RMT	800	8,000
f	40 NB	10	RMT	700	7,000
g	32 NB	60	RMT	600	36,000
h	25 NB	75	RMT	500	37,500
2	Supply and Erection of approved make flow switches (flow sensors) suitable to be fixed directly on line of the following diameters, with 2 NO & 2 NC potential free contacts .(Make: System sensor / Danfoss)				
a	150 mm dia	QRO	Each	8,000	
3	Supply and Erection of cast iron slim seal Butterfly Valves lever Operated including making necessary flanged joints by providing necessary nuts, bolts, Neoprene gaskets complete as per specifications. (Make: BDK, Advance , Audco)				
a	150NB C I Butterfly valves	QRO	Nos	8,500	

4	Supply and Erection of 15-mm dia. quartzoid bulb Sprinkler head with temperature of 68 degrees with universal deflector, Rossette plate, chromium finish as per specifications. (Make : TYCO / HD fire) (Basement, Stilt & Lobby in all floors)				
	Size: 15-mm dia.	50	Nos	550	27,500
5	Supply and erection of SS 304 flexible drops for sprinklers of 1.5M long along with necessary fittings for fixing at site along with suitable false ceiling supports / fixtures. (Make : UL approved)	50	Nos	1,500	75,000
6	Supplying and fixing brass Ball Valve , fixing to pipe work with required fixing materials, testing etc. complete.(Make : RB / TBS)				
a	25 mm dia Ball valve (Test valve)	2	Nos	2,200	4,400
b	50 mm dia Ball valve (Drain Valve from sprinklers)	QRO	No	3,800	
	TOTAL				2,59,900
B	PORTABLE EXTINGUISHERS				
1	Supply and Erection of ABC Type Fire Extinguishers 5 Kg capacity fitted with Gun metal union with High Pressure Co2 gas cartridge discharge hose etc, complete with initial charge conforming to IS: 2171 with ISI mark (Make: Vintex / Safex)	QRO	Nos	2,500	
2	Supply and Erection of Carbon- di- oxide type Fire Extinguisher of 3.0 Kg cap. Complete with one meter hose and horn with bendpipe and horn with ISI mark (Make: Vintex / Safex)	10	Nos	4,000	40,000
3	Supply and Erection of Carbon- di- oxide type Fire Extinguisher of 4.5 Kg cap. Complete with one meter hose and horn with bendpipe and horn with ISI mark (Make: Vintex / Safex)	7	Nos	7,000	49,000
4	Supply and Erection of Cease Fire type ABC Fire Extinguishers 1KG capacity.(Make: Vintex / Safex)	QRO	Nos	1,500	
5	Supply and Erection of DCP Type Fire Extinguishers 5 Kg capacity fitted with Gun metal union with High Pressure Co2 gas cartridge discharge hose etc, complete with initial charge conforming to IS: 2171 with ISI mark with stand (Electrical room)	QRO	No	2,200	
	TOTAL				89,000