

# **M/s HLL Infra Tech Services Ltd. (HITES)**

**(Subsidiary of HLL Lifecare Ltd., A Government of India Enterprise)**

## **TENDER**

**for**

### **SUPPLY, INSTALLATION, TESTING & COMMISSIONING OF AUTOMATIC FIRE SPRINKLER SYSTEM IN GROUND AND FIRST FLOOR AT SOPD BLOCK AT JIPMER, PUDUCHERRY**

#### **Volume- IV**

#### **BILL OF QUANTITIES**

**Tender No: HITES/CHN/18-19/003**

**Dated: 20<sup>th</sup> June 2018**



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Tender no: HITES/CHN/18-19/003 dt. 20.06.2018

**BILL OF QUANTITIES**

**Supply, Installation, Testing and Commissioning of Automatic Fire Sprinkler system in Ground and First floor at SOPD block at JIPMER, Puducherry**

Sl. No.	Item Code	Description of Work	Unit	Qty	Rate in Figures	Rate in words	Amount in figures
A		<b>AUTOMATIC SPRINKLER SYSTEM</b>					
1		<b>PIPING</b>					
		Supply, laying, jointing and testing of following sizes of pipes conforming to IS1239 with all accessories like all fittings (for pipes upto 50mm dia socket weld forged steel fittings and for pipes above 50 mm dia butt weld MS fitting shall be used) including tees, elbows, reducers, union, flanges, rubber gaskets, GI nuts bolts, washer including supporting / fixing the pipe on floor/wall/ceiling with clamps, hangers (using anchor fastners) as per specification. Providing two coats of synthetic enamel paint of approved shade over a coat of primer					
a)		25 NB	Mtr	1109.36			
b)		32 NB	Mtr	17			
c)		40 NB	Mtr	269.5			
d)		50 NB	Mtr	269			
e)		65 NB	Mtr	113.4			
f)		80 NB	Mtr	127			
g)		100 NB	Mtr	124.5			

Sl. No.	Item Code	Description of Work	Unit	Qty	Rate in Figures	Rate in words	Amount in figures
h)		150 NB	Mtr	280.2			
2		Quirazoid bulb type sprinkler of 15mm nominal size to operate 68 deg temperature. UL listed, K=80(5.6)					
a)		Standard Response Upright Sprinkler	Nos	488			
b)		Standard Response Pendent Sprinkler with rosette plate	Nos	338			
3		Supply, installation, testing and commissioning of electrically operated water flow switches (Vane type) including tamper switch and accessories, complete with tap off socket arrangement as required, with potential free contact with 2 Nos. NONC.	Nos	4			
4		Supply, installation, testing and commissioning of Butterfly Valve slim seal type cast iron butterfly valves lever operated type with necessary flanges, nuts, rubber insertion gaskets, nuts and bolts complete.					
a)		150 NB	Nos	6			
5		Supply, installation, testing and commissioning of NRV slim seal type cast iron lever operated type with necessary flanges, nuts, rubber insertion gaskets, nuts and bolts complete.					
a)		150 NB	Nos	2			
6		Supply, installation testing and commissioning of Inspectors test drains -Brass					
a)		Sight Glass - 25NB	Nos	4			

Sl. No.	Item Code	Description of Work	Unit	Qty	Rate in Figures	Rate in words	Amount in figures
b)		Test Ball valve - 25NB	Nos	4			
c)		Drain Ball Valve - 50NB	Nos	4			
7		Sprinkler Flexible Hose 1200 mm in length, Unbraided, UL Listed along with all necessary accessories like Nipple threaded , Reducing Nipple threaded, Large Bracket with Bolt, Small Bracket with Bolt, clamps,reduser collar,Meter Square Bar etc complete as per spec.	Nos	338			
8		Supply, installation, testing and commissioning of Butterfly Valve slim seal type cast iron butterfly valves gear operated type 250psi operating pressure, UL listed FM approved with necessary flanges, nuts, rubber insertion gaskets, nuts and bolts complete, compatible with alarm check valve.					
a)		150 NB	Nos	1			
9		Supply, installation, testing and commissioning of pressure gauge with 0 to 12kg range 4" dia.	Nos	4			
10		Supply, installation, testing and commissioning of Air Release valve of 25NB dia	Nos	2			
11		Supply, installation, testing and commissioning of 4way Cast Iron Fire Brigade Inlet connection of 63 mm dia with Gun metal coupling and inbuilt Non-return valves and butterfly valve arrangement to be connected to sprinkler riser main	Nos	2			
		<b>TOTAL</b>					

**END OF  
VOLUME - IV**