

**NAME OF WORK: PROVIDING FIRE ALARM SYSTEMS AND SPRINKLER SYSTEM FOR THE MODIFICATION OF KNICU AS MICU IN SECOND FLOOR OF O BLOCK AT CMC VELLORE TOWN CAMPUS**

<b>TENDER SCHEDULE</b>						
<b>S.No</b>	<b>Qty</b>	<b>Unit</b>	<b>Description of Work</b>	<b>Rate</b>	<b>Unit</b>	<b>Amount</b>
1			Supply, laying, testing and commissioning of 'C' class M.S pipe - heavy IS1239 of following dia with necessary fittings, specials (branded) welded joints and flanged joints near valves and other important places including necessary support(as given in the technical specification) and painting with one coat of zinc chromate primer and 2 or more coats synthetic enamel paint to make good finish			
a			25 mm dia			
i	105	RM	Supply		1 RM	
ii	105	RM	Laying, testing, commissioning		1 RM	
b			40 mm dia			
i	18	RM	Supply		1 RM	
ii	18	RM	Laying, testing, commissioning		1 RM	
c			50 mm dia			
i	130	RM	Supply		1 RM	
ii	130	RM	Laying, testing, commissioning		1 RM	
d			65 mm dia			
i	45	RM	Supply		1 RM	
ii	45	RM	Laying, testing, commissioning		1 RM	
e			80 mm dia			
i	24	RM	Supply		1 RM	
ii	24	RM	Laying, testing, commissioning		1 RM	
f			100 mm dia			
i	60	RM	Supply		1 RM	
ii	60	RM	Laying, testing, commissioning		1 RM	
2	84	sets	Supply & fixing sprinkler braided flexible drop with fittings and ceiling structures (Brackets)		1 set	

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3	84	Nos	Supplying, installing, testing and commissioning sprinkler heads 15mm nominal bore quartz bulb type sprinkler rated for a temperature of 68 deg centigrade conventional PENDENT type etc., complete.		1 No	
4	84	Nos	Supplying, installing, testing and commissioning sprinkler heads 15mm nominal bore quartz bulb type sprinkler rated for a temperature of 68 deg centigrade conventional Side wall sprinkler etc., complete.		1 No	
5	84	Nos	Supply, installation, testing & commissioning of adjustable rosette plate for 15mm dia in white finish UL listed or FM approved complete as required (Tyco make)		1 No	
6	2	No	Supply and installation of 25mm ball valve with necessary accessories etc complete for drain		1 No	
7			Supply, installing and positioning of the following dia SS butterfly valve (Zoloto/Advance make) conforming to PN 16 standards with necessary fittings and specials etc complete			
a	2	No	100mm SS Butterfly valve		1 No	
			<b>Fire Alarm system</b>			
8	990	mts	Supply and laying 2 core 1.5 sqmm copper Armoured cable on wall with necessary accessories etc complete		1 RM	
9	203	Nos	Supply and fixing 2 core x1.5 sqmm cable gland termination approved make etc complete		1 No	
10	80	RM	Supply and laying 16 core 1.5 sqmm copper Armoured cable on wall with necessary accessories etc complete		1 RM	
11	4	Nos	Supply and fixing 16 core x1.5 sqmm cable gland termination approved make etc complete		1 No	
12	52	Nos	Supply and fixing MS box for fixing detectors, devices		1 No	
13	95	Nos	Supply, installation, testing and commissioning of Conventional type System sensor / Apollo make smoke detectors in MS Box with necessary accessories etc complete		1 No	

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14	2	Nos	Supply, installation, testing and commissioning of Conventional type System sensor / Apollo make heat detectors in MS Box with necessary accessories etc complete		1 No	
15	5	Nos	Supply, installation, testing and commissioning of Conventional type System sensor / Apollo make Multi sensor detectors in MS Box with necessary accessories etc complete		1 No	
16	4	Nos	Supply and installation, testing of conventional type MCP - break glass type (Agni Make)		1 No	
17	6	Nos	Supply and installation, testing of conventional type hooter (Agni make)		1 No	
18	2	No	Supply and fixing IP 65 PVC enclosure box of size 255mm x 200mm x 80mm containing 16 nos clip on terminal in the rail and fixing the enclosure box with necessary accessories etc complete (Sintex)		1 No	
19	1	Job	Labour charges for removing old fire alarm wiring/cables, conventional smoke detector/ Multisensor/MCP/Hooter including MS box without damage and handing over same to the Engineer in charge as directed etc complete (Smoke/Heat/Multisensor detectors - 21 nos, MCP-4 nos, Hooter -1, PVC pipe wiring - approx 85 mts)		1 No	
20			Supply and fixing of following dia PVC pipe (sleeve Pipe Length 300mm approx)including breaking wall and making holes finishing (touch work) and cost of all material etc complete			
a	3	Nos	110mm dia 4Kgs/CM2 (incl. specials)		1 No	
b	6	Nos	75mm dia 4Kgs/CM2 (incl. specials)		1 No	
c	13	Nos	63mm dia 4Kgs/CM2 (incl. specials)		1 No	
d	4	Nos	50mm dia 6Kgs/CM2 (incl. specials)		1 No	
e	2	Nos	40mm dia 6Kgs/CM2 (incl. specials)		1 No	
			Sub total			
			SGST 9%			
			CGST 9%			
			Total			