

Date- 09.10.2023

AJ KITCHEN -LUCKNOW									
BOQ FOR FIRE FIGHTING SYSTEMS									
S/NO	DESCRIPTION	QUANTITY	UNIT	L	B	H	Nos	QTY	REMARK
1	Providing, laying, jointing, testing and commissioning of G.I. 'C' Class pipes (IS:1239 (Part-I)-1979) including cutting,threading welding etc providing all malleable galvanized iron fittings conforming to IS 1879; viz. Flanges, bends, tees, elbows,reducers, unions, supporting with G. I. clamps, hangers, M.S. brackets etc. including cutting holes and chases in brick or RCC wall / slabs and making good the same to the Approval of Architect / consultant,complete including painting with one coat of primer and two or more coats of synthetic enamel paint of approved make and shade. (Note- Rigid pipe extension from existing line is considered)								
i)	25 mm dia.	20	RMT						
a	Sprinkler point 1 To 2 with drop	3.2					1	3.2	
	Sprinkler point 2 To 3 with drop	3.2					1	3.2	
	Sprinkler point 4 To 5 with drop	3.2					1	3.2	
	Sprinkler point 6 To 7 with drop	3.2					1	3.2	
	Sprinkler point 8 To 9 with drop	3.2					1	3.2	
	All upright and down drop	3.0					1	3	
	Total Qty						Total	19	
	Previous Bill							16	
	Present Bill							3	
ii)	32 mm dia.	0	RMT						
iii)	40 mm dia.	3	RMT						
a	Tap off from 50 mm pipe	0							
		3					1	3	
	Total Qty						Total	3	
	Previous Bill							0	
	Present Bill							3	
iv)	50 mm dia.	15	RMT						
a	Tap off from 80 mm pipe	6					1	6	
	Tap off from Airport 80 mm pipe	7					1	7	
	Total Qty						Total	13	
	Previous Bill							6	
	Present Bill							7	
v)	65 mm dia.	5	RMT						
	From 80 mm dia to branch								
		5					1	5	
	Total Qty						Total	5	
	Previous Bill								
	Present Bill							5	
vi)	80 mm dia.	5	RMT						
a	Tap off from Airport main header 80 mm pipe	5					1	5	
	Total Qty						Total	5	
	Previous Bill							5	
	Present Bill							0	
vii)	100 mm dia.	0	RMT						
2	Providing , fixing testing and commissioning of pendant type sprinkler heads 68 deg. Temp.(Quick response type)	9	No.						
a	Pendant type sprinkler						9	9	
	Total Qty						Total	9	
	Previous Bill							9	
	Present Bill							0	
3	Providing , fixing testing and commissioning of concealed type sprinkler heads 68 deg. Temp.(Extended coverage /Quick response type)	0	No.						
4	Providing , fixing testing and commissioning of upright type sprinkler heads 68 deg. temp(Quick response type)- Optional Subject to liasion team requirements	0	No.						

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5	Providing , fixing testing and commissioning of upright type sprinkler heads 79 deg. Temp (Quick response type)	2	No.			1	2	
a	upright type sprinkler heads						0	
	Total Qty				Total		2	
	Previous Bill						0	
	Present Bill						2	
6	Providing & fixing testing and commissioning of braided UL Rated SS Flexible pipe							
i)	1 MT Long	9	No.					
a	braided UL Rated SS Flexible pipe					9	9	
	Total Qty				Total		9	
	Previous Bill						9	
	Present Bill						0	
ii)	1.6 MT Long	2	No.			1	2	
a	braided UL Rated SS Flexible pipe						0	
	Total Qty				Total		2	
	Previous Bill						2	
	Present Bill						0	
7	Gun metal chrome finished Ball valves (PN 16) with fittings of screwedend type.							
i)	40 mm dia.	R.O.	No.					
l)	32 mm dia. (Sprinkler drain-OPTIONAL)	1	Nos.				1	
a	Ball valves						0	
	Total Qty				Total		1	
	Previous Bill						0	
	Present Bill						1	
8	Butterfly Valves (PN 16) with CI Body, Black Nitrile Body Liner and Nylon Coated SG Iron Disc with material and labour including hydraulic testing etc. complete as per drawing, specification & to the level of satisfaction of Site- Incharge.							
i)	150 mm dia.	R.O.	No.					
l)	100 mm dia.	R.O.	No.					
l)	80 mm dia. (OPTIONAL)	1	No.					
a	Butterfly Valves					1	1	
	Total Qty				Total		1	
	Previous Bill						0	
	Present Bill						1	
9	6kg capacity ABC type dry chemical powder fire Extinguishers with wall mounting brackets	4	Nos.					
	Total Qty				Total		0	
10	6kg capacity K type fire Extinguishers with wall mounting brackets	0	No.					
11	5kg capacity CO2 type fire Extinguishers with wall mounting brackets	1	No.					
	Total Qty				Total		0	
12	9Lit AR-AFFF type fire Extinguishers with wall mounting brackets	R.O.	Nos.					
13	Flow switch on sprinkler distribution header on each floor with 2 SPDT contacts suitably rated, capable of the high pressure system and connected to fire alarm panel through cable.							
i)	100 mm dia.	0	No.					

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14	Ceasefire 5 Kg Ceiling Mounted Fire Extinguisher Clean Agent FE-36, Zero ODP, Stored Pressure Type, Pressure Gauge, Gross Weight 7.7 Kg, empty Weight 2.7 Kg, Can Height 264MM, Diameter 240MM, Discharge Time less than 8 Secs, Auto discharge mechanism on temperature rise, applicable on Class A,B,C and electrically started Fire, Can Construction : Deep drawn & Co2 Mig welded, Valve Construction : Forging & Machining, Internal Coating of Can : Epoxy Powder coating, External Coating of Can : Epoxy Polyester Powder coating, Sheet metal thickness : 2.0MM, Helium Leak Detection Test, 5 Years Warranty-model no 1CH21CF	0	No.							
	SUB-TOTAL									
	GRAND TOTAL									

Note : Taxes Extra as applicable.

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