

List of Fire hydrant equipment details in IISER, Thiruvananthapuram					
Sl No	Location	Item	Make	Capacity	Qty
	Academic area				
1	Water Treat ment plant	Main pump	Kirloskar	100 HP	1
		Jockey pump	Kirloskar	25HP	1
		Diesel engine driven stand by pump	Kirloskar	100 HP	1
		Pump panel		630A	1
2	Physical Science Block	Fire pump	Kirloskar	900 LPM/12.5 HP	2
		Fire pump panel		63 A	1
		Internal hydrant points			19
		Upright springler			46
		Pendant springler			60
3	Chemical Science Block	Fire pump	Kirloskar	900 LPM/12.5 HP	1
		Fire pump panel		Incomer 40 A	1
		Internal hydrant points			12
4	Biological Science Block	Fire pump	Kirloskar	900 LPM/12.5 HP	2
		Fire pump panel		Incomer 100 A	1
				Incomer 63 A	2
		Internal hydrant points			23
		Upright springler			109
5	CIF	Pendant springler			117
		Fire pump	Kirloskar	900 LPM/12.5 HP	1
		Fire pump panel		Incomer 63 A	1
		Internal hydrant points			5
		Upright springler			100
6	Lecture hall block	Pendant springler			100
		Fire pump	Kirloskar	900LPM/15HP	2
		Fire pump panel		Incomer 63 A	1
7	VFR	Internal hydrant points			7
		Fire pump	Kirloskar	15 HP	2
		Fire pump panel		Incomer 63 A	1
8	Health Centre	Internal hydrant points			16
		Fire pump		450lpm, 10 HP	2
		Fire pump panel		Incomer 63 A	1
				Incomer 63 A	2
9	Shopping Centre	Internal hydrant points			4
		Fire pump	Kirloskar	450lpm, 12.5 HP	1
		Fire pump panel		Incomer 63 A	1
		Internal hydrant points			6
	Hostel Area	springlers			208
10	Ponmudi	Internal hydrant points			6
		Fire pump	Kirloskar	450 LPM/12.5 HP	1
		Fire pump spare		450 LPM/7.5 HP	1
		Fire pump panel		Incomer 63 A	1
		Internal hydrant points			8
11	Agasthya	springlers			30
		Fire pump	Kirloskar	450 LPM/7.5 HP	1
		Fire pump spare		450 LPM/7.5 HP	1
		Fire pump panel		Incomer 63 A	1
12	Pushpagiri	Internal hydrant points			8
		Fire pump	Kirloskar	450 LPM/7.5 HP	1
		Fire pump panel		Incomer 63 A	1
13	Mukurthy	Internal hydrant points			8
		Fire pump	Kirloskar	450 LPM/7.5 HP	1
		Fire pump panel		Incomer 63 A	1
14	Sispara	Internal hydrant points			7
		Fire pump	Kirloskar	450 LPM/7.5 HP	1
		Fire pump panel		Incomer 63 A	1
		Internal hydrant points			11
15	Eravimale	springlers			111
		Fire pump	Kirloskar	450 LPM/7.5 HP	1
		Fire pump panel			1

List of Fire hydrant equipment details in IISER, Thiruvananthapuram					
Sl No	Location	Item	Make	Capacity	Qty
15	Cravimara	Internal hydrant points			10
		springlers			89
16	Indoor Stadium	Fire pump	Kirloskar	450 LPM/12.5 HP	1
		Fire pump panel			1
		Internal hydrant points			7
		springlers			68
	Anamudi Hostel area				
17	Pump room	Electric driven main fire pump	Kirloskar	2850lpm, 100HP	1
		Diesel Engine driven fire pump	Kirloskar	2850lpm, 100HP	1
		Jockey pump	Kirloskar	180lpm,15HP	1
		Electrical panel		630Amps	1
18	A block	Internal hydrant points			14
19	B block	Internal hydrant points			14
20	C block	Internal hydrant points			10
21	D block	Internal hydrant points			33
22	E block	Internal hydrant points			18
	Residential Area				
23	Pump room	Electric driven main fire pump	Kirloskar	2280 LPM, 75HP	1
		Diesel Engine driven fire pump	Kirloskar	2280 LPM, 100HP	1
		Jockey pump	Kirloskar	180 LPM, 7.5HP	1
24	Residence B1	Fire pump	Kirloskar	450 LPM/7.5 HP	1
		Fire pump panel	L & T	Incomer 63 A	1
		Internal hydrant points			5
		springlers			
25	C1	Internal hydrant points			7
26	C2	Internal hydrant points			7
27	C3	Internal hydrant points			7
28	D1	Internal hydrant points			7
29	D2	Internal hydrant points			7
	Total pump summary				
	100HP Main Electrtric pump				2
	100HP Diesel pump				3
	75HP Main Electrtric pump				1
	25HP Electric jockey pump				1
	15HP Electric pump				5
	12.5HP Electric pump				9
	10HP Electric pump				2
	7.5HP Electric pump				9
	*Internal hydrant ppoint includes fire hydrant valve, hose box, RRL hose (2 nos), Branch pipe, hose reel drum set				
	The above details of equipments/components provided is not exhaustive. The contractor have to ensure the maintenance of the system in placed				