

Waiting for Approval (BOQ Upload)

Sr.no	BOQ Sr No	Item Description	Unit	Dsgn Qty	Rate Basic	Dsgn Amount(Basic)	GST Rate(%)	GST Amount	Dsgn Amount (GST)
1	1	Supply of UL/FM/ Vds/LPCB Approved 140 ltrs Seamless Tank and valve assembly, Super pressurised with Nitrogen. Gas design concentration @ % v/ v shall be 4.7 and @ 25 Bar.The cylinder shall be seamless steel type tested in accordance with IS 7285/BS5045 standard and approved by PESO as per RDSO specificaton no. RDSO/ SPN/218/2016 version 1.0 or latest. (Inspection Agency- Consignee)	Nos	2	173671.88	347343.76	12.00	41681.25	389025.01
2	2	Supply of UL/FM/ Vds/LPCB Approved 120 ltrs Seamless Tank and valve assembly, Super pressurised with Nitrogen. Gas design concentration @ % v/ v shall be 4.7 and @ 25 Bar.The cylinder shall be seamless steel type tested in accordance with IS 7285/ BS5045 standard and approved by PESO as per RDSO specificaton no. RDSO /SPN/ 218/ 2016 version 1.0 or latest.(Inspection Agency-Consignee)	Nos	6	158531.25	951187.50	12.00	114142.50	1065330.00
3	3	Supply of non-toxic, environment friendly, non-corrsive, clean gaseous agent at the atmospheric pressure, safe for Electoni /Electrical/ Telecommunication Equipments / Equipments/ Computers, Human Friendly, non-	Kgs	1076	3544.69	3814086.44	12.00	457690.37	4271776.81

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		residual, Noninflammable gas and UL/FM/VDS/ LPCB Approved. as per RDSO specificaton no. RDSO/ SPN/218/2016 version 1.0 or latest. (Inspection Agency- Consignee)							
4	4	Supply of Master Cylinder Accessories Electric Acuator Control Head, 24 V DC,Discharge Hose as per RDSO specificaton no. RDSO/ SPN/218/2016 version 1.0 or latest. (Inspection Agency- Consignee)	Nos	3	62343.75	187031.25	12.00	22443.75	209475.00
5	5	Supply of End Slave Cylinder Pressure Operated Control Head,Actuation Hose, Discharge Hose,Discharge Hose,Male Elbows as per RDSO specificaton no. RDSO/ SPN/218/2016 version 1.0 or latest. (Inspection Agency- Consignee)	Nos	4	38268.38	153073.52	12.00	18368.82	171442.34
6	6	Supply of Discharge Nozzles as per RDSO specificaton no. RDSO/SPN/ 218/ 2016 version 1.0 or latest.(Inspection Agency-Consignee)	Nos	18	4720.31	84965.58	12.00	10195.87	95161.45
7	7	Supply of Discharge Pressure Switch as per RDSO specificaton no. RDSO/ SPN/ 218/2016 version 1.0 or latest. (Inspection Agency- Consignee)	Nos	3	12976.41	38929.23	12.00	4671.51	43600.74
8	8	Supply of El Check 2" (Manifold Check Valve) as per RDSO specificaton no. RDSO/ SPN/218/2016	Nos	6	18357.56	110145.36	12.00	13217.44	123362.80

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9	9	Supply of microprocessor based Advance Multifunction Programmable 2 Zone Control Panel as per detailed technical specification given Annexure Supply installation Testing & commissioning of Listed Single zone Gas Release Panel facility to connect Manual Abort/ Release switches. The Panel shall provide Potential free contacts for First knock, second knock, Trouble / Fault Status. The Panel shall be Complete with Red Colour Housing, Monitored Power supply unit, Battery charger & batteriesGas Release Panel shall be capable to connect Main & Standby Electrical Actuators. as per RDSO specificaton no. RDSO/ SPN/218/2016 version 1.0 or latest. (Inspection Agency- Consignee).	Nos	3	43453.59	130360.77	12.00	15643.29	146004.06
10	10	Supply of UL/FM/ Vds/LPCB Listed Intelligent Fire Alarm Control Panel Single Loop expandable upto 2 Loops,1 Loop card inbuild,235 Addressable points per loop,30 Zone, 2 Bell Circuit, Integrated PSU with Battery Charger, Excluding Batteries, Requires network card additionally for networking as per	Nos	3	70350.47	211051.41	12.00	25326.17	236377.58

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		RDSO specificaton no. RDSO/ SPN/218/2016 version 1.0 or latest. (Inspection Agency- Consignee)							
11	11	Supply of UL/FM/ Vds/LPCB Listed Multi criteria detector shall be Rate-of-rise temperature-cum- fixed temperature type detector, Plastic, if used for heat detector, shall not start softening, deforming or melting at a temperature lower than 95°C. detector shall be able to detect smoke and shall communicate alarm signal to Control unit when optical density of smoke exceeds 0.1 dB/M (10 m visibility) as per RDSO specificaton no. RDSO/ SPN/217/2018 version 1.0 or latest. (Inspection Agency- Consignee)	Nos	161	4007.81	645257.41	12.00	77430.89	722688.30
12	12	Supply UL/FM/Vds/ LPCB Listed Intelligent Ultraviolet Flame Detector for Spark Detection. as per RDSO specificaton no. RDSO/ SPN/217/2018 version 1.0 or latest. (Inspection Agency- Consignee)	Nos	13	14766.56	191965.28	12.00	23035.83	215001.11
13	13	Supply of UL/FM/ Vds/LPCB Listed Addressable Semi Flush Mounting Resettable (NonBreaking Glass), Supplied with Special Reset Tool (Inspection Agency- Consignee)	Nos	1	3117.19	3117.19	12.00	374.06	3491.25
14	14	Supply of Mannual Gas Release unit	Nos	3	2760.94	8282.82	12.00	993.94	9276.76

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		Supply installation Testing & commissioning of UL/FM/Vds/LPCB Listed Manual Release Stations with DPDT Relay, shall be fitted with transparent hinged covers to avoid the possibility of accidental operation. The Release switch will be monitored simultaneously by Fire Alarm and Remote Monitoring Software. (Inspection Agency- Consignee).							
15	15	Supply of Mannual Gas Inhibit Unit Supply installation Testing & commissioning of UL/FM/Vds/LPCB Listed Manual Abort Stations with DPDT Relay, shall be fitted with transparent hinged covers to avoid the possibility of accidental operation. The Abort will be monitored simultaneously by Fire Alarm and Remote Monitoring software. (Inspection Agency- Consignee)	Nos	3	2760.94	8282.82	12.00	993.94	9276.76
16	16	Supply of Control Input/Output Module for Hooter/VESDA or equivalent. (Inspection Agency- Consignee)	Nos	12	3151.03	37812.36	12.00	4537.48	42349.84
17	17	Supply of Warning Sign Board with Marking "GAS DISCHARGE. DO NOT ENTER". Shall Operate on 24 V DC, Driven Through Gas Release Panel. (for use outside room) (Inspection Agency- Consignee)	Nos	3	6679.69	20039.07	12.00	2404.69	22443.76
18	18	Supply of TRH	Nos	6	17393.91	104363.46	12.00	12523.62	116887.08

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		(Temperature & relative humidity) sensor, integrated with centralise remote monitoring system and PIR (passive Infrared) Sensor for relay room.as per RDSO specifcation no. RDSO/SPN/217/2018 version 2.0 or latest. (Inspection Agency- Consignee)							
19	19	Supply of M S Seamless pipe as per ASTM106 Gr. B painted with 2 coats of primer and 2 coats of Red Enamie Paint as per the design requirements SITC of NOVEC or equivalent. Piping & Manifold as required, Sch 40; ASTM A106 Gr B, as per flow calculations for the specific hazard volume and stand to hold,position & Support the Manifold and Piping properly.Pressure testing for piping with nitrogen as per NFPA 2001. (Inspection Agency- Consignee)	Lot	3	45421.88	136265.64	12.00	16351.88	152617.52
20	20	Supply of 2 Corex 1.5 mm, Multistranded AT Copper, FRLS, cable, RED in Colour, laid on surface with GI saddle-spacers every 0.3 meters. Complete with GI Junction Box, lugs, cable compression glands, cable tags and Ferruling. (Inspection Agency- Consignee)	Mtr	1915	160.31	306993.65	12.00	36839.24	343832.89
21	21	Supply of UL/FM/ Vds/LPCB listed Maunal Call Point for Fire Alarm system, (Inspection Agency-	Nos	9	3117.19	28054.71	12.00	3366.57	31421.28

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22	22	Supply of UL/FM/ Vds/LPCB listed Hooter for Fire Alarm system.as per RDSO specificaton no. RDSO/ SPN/217/2018 version 2.0 or latest. (Inspection Agency- Consignee)	Nos	9	3117.19	28054.71	12.00	3366.57	31421.28
23	23	Supply of Single Pipe Inlet Single Sensor on board Programmer suitable for single pipe run of 25m (80ft), or two pipe runs of 15m (50ft) mtr pipe length & approx 250 Sq.mtr Area. Power supply shall be in a separate enclosure suitable for 240 VAC input & 24 VDC output. RS485 communications built in as standard for networking and remote communications.The panel should UL/FM/ Vds/LPCB approved as per RDSO specificaton no. RDSO/ SPN/ 217/ 2018 version 2.0 or latest.(Inspection Agency-Consignee).	Nos	3	129675.00	389025.00	12.00	46683.00	435708.00
24	24	Supply of Capillary tube and sampling point assembly with labels "Vesda or equivalent sampling points" With required sampling pipe. (Inspection Agency- Consignee)	Nos	20	3117.19	62343.80	12.00	7481.26	69825.06
25	25	Supply of conventional/ addressable Hooter for VESDA or equivalent system(Inspection Agency-Consignee)	Nos	3	1335.94	4007.82	12.00	480.94	4488.76
Grand Total				3370	1217985.84	8969636.31		1076356.36	10045992.6