

Remarks	QTY	Description/Specification of Items
-	-	Complete Addressable Fire Alarm System (Explosion Proof) with all components/accessories as mentioned below and should be UL/PCB/ATEX listed or having any other compatible certifications. System can be made of Honeywell Esser, Apollo uk or any other European origin.
-	06 NO.	a) 03 to 04 Loop Addressable Fire Alarm Control Panel (with backup batteries) which can accommodate minimum 150 devices each.
If Required with the system	05 NO.	b) Repeater Panel with standard facilities as on main control panel.
Protection Class: EExd II C T6 with maximum available IP level	50 NO.	c) Ex/Intrinsically Safe Smoke Detectors
Protection Class: EExd II C T6 with maximum available IP level	50 NO.	d) Ex/Intrinsically Safe Heat Detectors
-	10 NO.	e) Reflective Beam Detector(Non-Ex)
-	40 NO.	f) Addressable Heat Detectors(Non-Ex)
-	40 NO.	g) Addressable Smoke Detectors(Non-Ex)
EExd II C T6 IP -65	10 NO.	h) Addressable Manual Call Points, break glass type (Explosion Proof)
EExd II C T6 IP -65	10 NO.	i) Addressable Sounder with having low current consumption (Explosion Proof)
Quantity may be quoted as per manufacturer's requirement with the system	15.	j) Addressable ex-barrier for intrinsically safe detectors, Manual Call Points and sounders if compatible with the system OR short Circuit Isolators
-	06	k) Programming software and back up CD of fire alarm control panel coding.

2	Explosion Proof Junction Boxes	120	EExd II C T6 IP -65
3	Explosion Proof Cable Glands	350	EExd II C T6 IP -65
4	Supporting documents like operational and maintenance manual etc. (soft and hard copy)	01 Job	-
5	Installation, testing and commissioning of above system.	01 Job	-

Scope of Supply:-

1. Maximum Standard warranty of above system should be provided.
2. Free of cost Pre-shipment, inspection and operational and maintenance training of buyers (02 Engineers) is to be provided at manufacturer's site. However buyer will bear expenses for air ticket and boarding & lodging.
3. Complete set of drawings and technical information.