

Annex 1.A: Supply of Fire Detection & Alarm System

SL.	Scope of Supply	Unit	Qty.	Supply in (BDT)	Total Amount in (BDT)
1	Conventional Fire Alarm Control Panel 2 Zone Capacity +1 Conventional NAC: Certification: UL / FM/ AENOR Certified.	Set	1		
2	Power Supply Unit: 24 VDC @10A Certification: UL / FM/ AENOR Certified.	Nos.	1		
3	Conventional Manual Call Point / Pull Station : Certification: UL / FM/ AENOR Certified.	Nos.	6		
4	Conventional Fire Alarm Sounder with Strobe: Certification: UL / FM/ AENOR Certified.	Nos.	9		
5	Conventional Output / Control Module: Certification: UL / FM/ AENOR Certified.	Nos.	2		
6	Conventional Fault Isolator Module: Certification: UL / FM/ AENOR Certified.	Nos.	3		
7	Conventional Smoke Sensor Detector Certification: UL / FM/ AENOR Certified.	Nos.	24		
8	Conventional Heat Sensor Detector Certification: UL / FM/ AENOR Certified.	Nos.	1		
9	Fire Alarm Cable: 2 Core x 1.5mm Sq, 300/500V, Solid Core, Red Color Certification: UL Listed.	RM	300		
10	Fire Alarm Cable: 2 Core x 2.5mm Sq, 300/500V, Solid Core, Red Color Certification: UL Listed.	RM	200		
Sub-Total Amount (Ex- Works) BDT =					

Annex 1.B: Supply of CO2 & ABC Types Extinguisher

SL.	Scope of Supply	Unit	Qty.	Supply in (BDT)	Total Amount in (BDT)
1	DRY CHEMICAL POWDER TYPE Supply & fixing of the following capacities multi purposc ABC dry chemical powder stored pressure type with manometer system fire ertinguisher suitable for repeated use complete with wall bracket. Nitrogen (N2) cartidge. easy refilling system etc. as per sample accepted & approred by the Enginecr in Charge. Mono Ammonium Phosphate (minimum 40%) based ABC dry chemical agent & has a moisture-proof, anti-caking properties. Working pressure : 12 BAR minimum & Test pressure : 25 BAR minimum Proper fire rating (as per NFPA IO/BS/EN) according to the capacity of the extinguisher. Also sample ofthe dry chemical powder will be testedd by the proper authority in Bangladesh if needed. Capacity : 5 Kg	Set	11		
2	CARBON-DI-OXIDE TYPE: Supply & fixing of the following capacities multi purposr ABC dry chemical powder manomcter system fire extinguisher suitable for repeated use complete with wall bracket. CO2 cartridge, easy refilling system etc. as per sample accepted & approved by the Engineer in Charge. Working pressure : 12 BAR minimum & Test pressure : 25 BAR minimum. Proper fire rating (as per NFPA 10 / BS / EN) according to the capacity of the extinguisher. Also sample of the Carbon-di-Oxide will be tested by the proper authority in Bangladesh if needed. Capacity : 5 Kg	Set	11		
Sub-Total Amount (Ex- Works) BDT =					

Annex 1.C: Supply of Fire Detection & Alarm System (Local)					
SL.	Scope of Supply	Unit	Qty.	Supply in (BDT)	Total Amount in (BDT)
1	PVC Pipe, Accessories & Other Consumable Materials:	RM	350		
2	Battery: 1. FACP, (12V 26Ah 2 set) 2. Power Supply unit (12V 7.5Ah 2 set)	Lot	1		
3	Back Box for Detectors: Local Make.	Nos.	29		
4	Back Box for Module, MCP, Horn & Horn with Strobe: Local Make.	Nos.	17		
5	PVC Board Tag Supply for Devices & Others	Lot	1		
Sub-Total Amount BDT =					

Annex 1.D: Installation, Testing & Commissioning of Fire Detection & Extinguisher (Local)					
SL.	Scope of Work	Unit	Qty.	Installation in (BDT)	Total Amount in (BDT)
1	Installation of Fire Alarm Cable	RM	500		
2	Installation of PVC Pipe & Others Accessories	RM	350		
3	Installation of Fire Alarm Control Panel	Lot	1		
4	Installation of Battery for FACP	NOS			
5	Installation of CO2 & ABC Types Extinguisher	NOS	22		
6	Installation of Power Supply Unit	NOS	1		
7	Installation of Additional Backbox for Detector, Module, Sounder & MCP.	NOS	46		
8	Installation of Detectors, Modules, Sounder & Devices.	Nos.	45		
9	As-Built Drawing & Documentation of Fire Detection & Alarm System	Job	1		
10	Testing & Commissioning of Fire Detection & Alarm System including owner's representative training at site.	Job	1		
11	Training	Job	1		
Sub-Total Amount BDT =					