

Subject: Request for Quotation (RFQ) for procuring of Auto Fire Detection and Suppression System for Data Center of Modhumoti Bank PLC.

Dear Sir

Modhumoti Bank PLC. wants to procure Auto Fire Detection and Suppression System for Data Center from reputed companies. In this connection, we would request you to submit your financial and technical offer as per below requirements.

SL.	Item/Feature	Required Specification	UoM	QTY
A				
Suppression System				
1	Cylinder for Server Room Area: 266sft	67 L CYLINDER ASSEMBLY	Nos.	1
2	b) Cylinder for Power Room Area: 110 sft	34 L CYLINDER ASSEMBLY	Nos.	1
	Brand	To be mentioned by Bidder		
	Country of Origin	USA/EU		
	Country of Manufacture	USA/EU/India/China		
	Accessories for Cylinder	Cylinder Back Rack, Cylinder Front Strap, Pressure Gauge, Cheek Valve, Manual Actuator, Aluminum Dip Tube, Actuator Block inch TEDEM +SOLENOID, Connection Hose, etc		
3	Fire Suppression Agent	Novac 1230/Fluoro-K™ (FK-5-1-12) B. The Fluoro-K agent shall have a Class A Minimum Design Concentration of 4.5%, Class B Minimum Design Concentration of 5.85% and Class C Minimum Design Concentration of 4.52%.	Kg	70
	Listing & Approvals	cULus Listed FM Approved USCG Approved Other marine- and land-based approvals in process		
3	Discharge Nozzles	Discharge nozzles are made of aluminum, brass or stainless steel with female pipe threads. Nozzles should be available in ½ in [15 mm], 1 in [15 mm], 1 ½ in [40 mm], 2 in [50 mm], and 2 ½ in [65 mm] nominal connection sizes. The nozzles should be available in 180° sidewall or 360° central discharge patterns. Orifice plates are drilled to a calculated, application specific diameter. Orifice Plates are of the same material as the nozzle containing them. Any combination of types of nozzles may be used in a single area. When multiple nozzles are employed, the coverage for each nozzle must not exceed its maximum length and area of coverage.	Nos.	5
B				
Fire Detection & Alarm System				
1	Fire Detection Panel	Supply, Installation, Testing and Commissioning of 4 zone auto Fire Alarm Control Panel (FACP) with 2 extinguishing area. The FACP must have its own battery backup.	Nos.	1
	Zone	4 Detection Zone & 2 Extinguishers		
	Certificate	UL		
	Brand:	To be mentioned by Bidder		
	Model:	To be mentioned by Bidder		
	Country of Origin:	USA/EU/India/China		
2	Smoke Detector	The Smoke Detector should have a moulded self-extinguishing white polycarbonate case with wind resistant smoke inlets. Nickel-plated stainless-steel wiper contacts connect the detector to the base. Detector Type: Point type smoke detector for fire detection and alarm systems.	Nos.	5
3	Heat Detector	The Heat Detector should have a moulded self-extinguishing white polycarbonate case with wind resistant smoke inlets. Nickel-plated stainless-steel wiper contacts connect the detector to the base. A pair of matched negative temperature co-efficient thermistors are mounted on the PCB in such a way that one thermistor is exposed to give good thermal contact with the surrounding air while the other thermistor is thermally insulated. Supply Wiring: Two wire monitored supply; polarity insensitive.	Nos.	5
4	Alarm Bell	24V Red Polarized fire bell with highly efficient motorized movement, the fire bell needs to fitted with multi-fixing base and with a series diode to facilitate fault monitoring. A sound output of 93dB, the unit is extremely easy to install with terminals provided for 2.5mm2 cable. Current consumption @24Vdc is 25mA. IP rating IP42	Nos.	2
5	Rotating Light	Rotating Light. Uses white bulb or low current LED and installed inside the red lamp cover. When lit, it is clear visible within 10 meters. Low power consumption. Material Fire-proof plastic.	Nos.	2

6	Manual release switch/Call Point	Manual release switch/manual call point should be tough, durable and highly visible. Supply/operating voltage 9-30Vdc. Construction & finish Red ABS. Signal Transmission through Cable. Working conditions Temperature: range: -10°C~+50°C Max. relative humidity: ≤93RH±2%	Nos.	2
7	Exit sign	Exit sign. The edge lit panel is constructed of high-grade acrylic. standard ceiling/wall mount. AC volt operation. Exit Sign provides a long life LED illumination. The unit is constructed with a red or green high output LED board. Energy consumption is rated at less than 3 watts.	Nos.	2
8	Caution Sign	Caution Sign	Nos.	2
9	Gas Discharge Sign	Gas Discharge Warning Sign Outside Room	Nos.	2
C	Accessories			
1	MS Seamless pipes as per Drawing	Schedule 40 pipe 1.5" Dia, 1" Dia, 3/4" Dia, 1/2" Dia, Korea	Lot	1
2	MS Fittings	Tee, Reducer, Elbow, Socket, MS Clamping, Hanger	Lot	1
3	Detection Cable	Fire resistance cable	Coil	4
4	Detection Fittings	PVC Pipe conduit with fittings , Conduit and cable laying per detector	Lot	1
5	Installation	Installation, Testing & commissioning	Job	1
6	Delivery Lead Time	To be mentioned by Bidder	Job	1
7	Warranty	To be mentioned by Bidder	Job	1

General Terms and Conditions:

- Purchaser's Right:** The Purchaser reserves the right to accept/ cancel/ reject any or all offer without assigning any reason. The Purchaser is not obliged to purchase the lowest offer or any offer at all. The Purchaser reserves the right to share the Bidder's response to this RFQ with its advisors and Purchaser Business Units. Purchaser reserves the right to conduct negotiations with one or more Bidder and/ or accept the Bid without any negotiations.
- Bid Submission/ Closing Date:** The Quotation shall be submitted to the below mentioned address:
- Chairman Purchase Committee, Common Services Division (CSD), Modhumoti Bank PLC., Head Office, Khandker Tower (Level-7), 94 Gulshan Avenue, Dhaka-1212** by 16:00 p.m. on or before 12th May, 2024. The Purchaser reserves the right to reject any Quotation submitted after the Closing Date. The Purchaser reserves the right to change the Time schedule at any time.
- Required Content of the Quotation:** Quotation must be submitted as per prescribed form as instructed below:
 - Proposal must be addressed for "Chairman Purchase Committee" of Modhumoti Bank PLC.
 - Complete proposal/offer must be signed with date by the authorized representative of the company.
- Quotation Validity:** The Quotation shall be valid for 03 months (90 days) from the Quotation submission date.
- Manipulation or any kind of unusual approach or failure to submit the proposal/offer within stipulated time frame will be treated as "Disqualification" to attend in the bidding.**
- Commercial Terms and Conditions:**
 - Price:** The quoted price should include applicable VAT & Tax. The rate of VAT & Tax should be mentioned in the quotation.
 - Payment Terms:** Payment will be made after Final Acceptance (FAC will be given after successful delivery) & upon submission of the bill with work order & original challan which is duly signed by authorized personnel (Name & Seal, if available). Payment will be made through PO/Bank Account only.
 - Price Submission:** The bidder shall have to submit the price in the letter head pad.
 - 90% payment may be made after completion of Job. 10% payment may be kept as security money which will be released after 01 (One) year of successful completion of work.
 - The Bidder shall have to submit their proposal as per the format attached with the RFQ. Any proposal not following the format will be considered as disqualify and will not consider for evaluation.
- For any technical query, please contact Mr. Rezwan Ahmed, SEO, ICT Division, Head Office, Modhumoti Bank PLC., Khandker Tower (7th Floor), 94 Gulshan Avenue, Dhaka. Mobile: +88 01797528005.

Thanking you.

Shah Md. Humayun Kabir
VP & Head of Common Services Division
Modhumoti Bank PLC.
Head Office, 94 Gulshan Avenue, Dhaka-1212.