



The First MicroFinanceBank
اولین بانک قرضه های کوچک

**CCTV Procurement & Installation Services
Commercial Branch (Kabul Province)**

Request for Proposal (RFP)

The First Microfinance Bank - Afghanistan

1. About The First MicroFinance Bank – Afghanistan

The First Microfinance Bank (FMFB-A) is part of the Aga Khan Agency for Microfinance (AKAM), which has programs in over 15 countries throughout the developing world. The First Microfinance Bank (FMFB-A) has a commercial banking license and started operations in 2004. Its prime objective in Afghanistan is to contribute to poverty alleviation and economic development through the provision of sustainable financial services to the poor and underserved.

2. Scope

The FMFB Bank is interested in receiving proposals for CCTV services for Commercial Branch located in Kabul City, Kabul Province Afghanistan.

2.1 General Instructions for Proposal

- a) **Proposal Content** - A completed proposal must contain the following:
 - **Proposal Form & Signature Page** – the proposal form and signature page must be completed and signed by an individual authorized to bind the vendor. All proposals submitted without such proposal form and signature page may be deemed nonresponsive.
 - **References** – Proposals shall include a list of three (3) references including name, address, phone number and contact person.
- b) **Proposal Period** – Proposal prices should be valid for 30 days.
- c) **Proposal Delivery date** – Vendors are requested to submit completed proposal by **25 November 2019, 12H00.**
- d) **Proposal Award** – FMFB reserve the right to accept the most advantageous offer (Cost and Quality) or to accept or reject any or all proposals and to waive irregularities therein. The Proposal will be approved by FMFB management and the selected vendor will be notified after 48 hours of proposal delivery date as set above in proposal delivery date.

- e) **Head of professional services, Security and finance Departments will approve basis of Payment –Invoice.** Payment will be made to the contractor within 30 days upon receiving the contractor's invoice. The invoice shall state the date the service was performed and amount for the Commercial Branch. Additional services provided that did not fall within original proposal, but were as a result of unseen changes in construction or movement of partition walls or equipment after initial CCTV survey will be billed via a separate invoice and described by the service provided and the date it was provided.

2.2 Specifications

A guideline list only of CCTV equipment and specifications for the Commercial Branch is outlined to assist in your quote – Appendix A. The specifications outline the requirements for CCTV requirement for the Commercial Branch. B Contractor may suggest placement of CCTV based on specification and equipment parameters, a site visit is required in order to have a good understanding of the requirements.

A walkthrough and survey can be scheduled by appointment to view the building and conduct survey before the submission date of 20 November 2019.

2.3 Building List

FMFB-A Commercial Branch	Shahr-e-Naw, Ansari Square, Opposite Mar Mar Hotel, Zone 4, Kabul, Afghanistan.
	The CCTV installation includes coverage of entire Commercial Branch and immediately outside (exterior sidewalk) front entrance. Placement of external cameras on 1 st or 2 nd floor, which ever has best line of sight.

2.4 Responsibilities of the Contractor

The following CCTV instructions are outlined by building, CCTV locations within the Branch and the CCTV schedule.

Equipment:

The contractor will supply all installation equipment. Access and removal of Installation of installation equipment will be coordinated with FMFB Security department. Contractor's staff are not allowed to take FMFB equipment out of Commercial Branch without permission of the Security Department permission

Security and Safety:

For security and Safety purpose, the contractor shall provide a list of its staff to Security Department and visitor card will be issued for the introduced staff. Contractor's staff should always carry the issued ID cards, while working in FMFB premises. Contractor has to ensure that

their staffs are in good health condition and in case of any health emergencies, contractor shall provide immediate support.

Accommodations, Transportation and Food

FMFB does not have any responsibility in providing accommodation, transportation and food for contractor's staff.

2.5 Damage

The contractor shall report to the FMFB Security and Safety Department of any damaged CCTV cameras or any changes or broken items that need to be replaced so as not to be held accountable. Any damage or breakage caused by the contractor the cost will be deducted from the contractor's Invoice.

2.6 Proposal Instructions Request for Proposal for CCTV Services

1. Based on the requirements and provider qualifications please provide two copies of the proposal to the FMFB-A.
2. Complete Proposal Form and Signature Page.
3. Complete Quotation Form with Breakdown of costs in AFS.
4. Complete Statement on Start Date and Completion Date.
5. Complete Reference Form.
6. Bidders must submit authorization certificate.
7. Once awarded the contract, bidder must start the work within 5 working days.
8. The work need to be completed within 20-days after the start date.

The proposal will be a sealed bid. If delivered via mail or in person, vendor shall include items 1-5 in a sealed envelope. All proposals should be clearly labeled on the outside of the envelope:

Request for Proposal for CCTV Services of Commercial Branch.

Proposals should be mailed or delivered in person to:

FMFB Head Office

Professional Services Department

Attn: Request for Proposal for CCTV Services, Commercial Branch

FMFB-A Head Office, Lane 8, Kolola Pushta Road, District 4, Kabul, Afghanistan

Contact#: +93711101112

Proposal Form

Request for Proposals for CCTV Procurement and Installation Services

The undersigned hereby submits the following proposal for the cost of CCTV Procurement and Installation Services for the FMFB-A Commercial Branch:

FMFB AFS _____

Signature Page Request for Proposal for CCTV Services

Name and Title (Please Print): _____

Signature: _____

Vendor Address: _____

Contact (Please Print): _____

Phone: _____

Fax: _____

Email: _____

Appendix A

APPROXIMATION for CCTV Guidelines for Commercial Branch (Kabul City)

Serial	Description	Approximate Qty.	Notes
1	AV TECH 36Channel Network Video Recorder Model-DGH8536 Video Output HDMI x 2 / VGA x 1 / Composite x 1 HDMI-1: Up to 3840 x 2160 (4K2K) HDMI-2 & VGA: Up to 1920 x 1080 (Full HD) Audio Output (Line out / HDMI) Audio Input (Mic in) Alarm I/O Alarm out only HDD Storage** Eight 10TB hard disks USB Ports USB 3.0 x 1 / USB 2.0 x 2 Ethernet	1	

RFP for CCTV services

	LAN port 1000Mbps Internet port 1000Mbps Ethernet (Supports 10pcs x 10TB HDDs)		
2	<p>AV TECH 8Channel Network Video Recorder Model-DGH1109</p> <p>Video Input 8 LAN ports with PoE Video Output HDMI (4K2K) VGA (1080P / Spot Monitor Supported) Composite (Spot Monitor Supported) Video Output Resolution 3840 x 2160 Audio 1 in (mic in) / 1 out Alarm I/O 4 in / 1 out RS485 HDD Storage** Either one 10TB SATA HDD installed in the recorder, or a disk array connected to the recorder via the eSATA interface eSATA Port Expandable with a SATA to eSATA cable Ethernet POE 1 ~ 8 (LAN) ports 10/100 Mbps with PoE Internet (WAN) port 1000 Mbps</p>	1	Priority CCTV (Tellers, Vault and Strong Room)
3	<p>AV TECH 5-MegaPixel H.265 IR Dome IP Camera Model-AVM5447</p> <p>Image Sensor 1/2.9" SONY CMOS image sensor Min Illumination 0.1 Lux / F1.4(Wide)~F2.8(Tele), 0 Lux (IR LED ON) Shutter Speed 1/10,000 ~ 1/15 (Slow shutter) S/N Ratio More than 48dB (AGC off) Lens Motorized f2.8 ~ 12mm / F1.4 ~ F2.8 (Auto Focus) Viewing Angle Wide: 70.4° (Horizontal) / 65.6° (Vertical) / 87.4° (Diagonal) Tele: 25.9° (Horizontal) / 19.2° (Vertical) / 31.8° (Diagonal) IR Effective Distance** Up to 35 meters Smart Light Control White Balance ATW AGC Auto IRIS Mode AES WDR POE (IEEE 802.3af)</p>		Based on Teller Stations and Branch Entrance. Cameras must be IP and IR.

	<p>Defog External Alarm I/O (1 input / 1 output) Micro SD Card Slot YES (up to 128GB) RAM 20MB IP Rating IP66 Vandal-proof Rating IK10 Startup Temperature 0°C ~ 50°C Operating Temperature -40°C ~ 50°C Operating Humidity 90% or less relative humidity Power Source (±10%) DC12V / 1A Power Consumption (±10%) 8.5W (PoE / PoN) ; 6.5W (DC Adapter) Net Weight (kg) 1.5</p>		
4	<p>AV TECH 2-MegaPixel IR Dome IP Camera Model-DGM1304QSP indoor</p> <p>Network Compression H.264 (Main Profile) / MJPEG Video Resolution 1920 x 1080 / 1280 x 720 / 720 x 480 / 352 x 240 Frame Rate 30fps Multiple Video Streaming 2 (H.264, MJPEG) Image Sensor 1/2.7" CMOS image sensor Min Illumination 0.1 Lux / F1.6 (Wide) ~ F2.8 (Tele), 0 Lux (IR LED ON) Shutter Speed 1/2 to 1/10,000 sec S/N Ratio More than 48dB (AGC off) Lens motorized f2.8 ~ f8.0mm / F1.6 ~ F2.8 (Auto Focus) Viewing Angle wide IR Effective Distance** Up to 50 meters AGC Auto IRIS Mode AES Sharpness DWDR POE (IEEE 802.3af) Weather-proof IP66 Operating Temperature -25°C ~ 50°C Operating Humidity 90 or less relative humidity & PoN: 10W; DC adapter: 8.4W Net Weight (kg) 0.75</p>		<p>Approximation Numbers - Dependent of Field of View, Focal Point, Magnification and Overlapping Coverage of CCTV. Cameras must be IP Based with IR.</p>
5	<p>AV TECH 2-MegaPixel IR Bullet IP Camera Model-DGM1306QSP</p> <p>Max Resolution: 1080P (2MP) Image Sensor: 1/2.7" CMOS Day/Night:</p>		<p>To show up either direction of local street and exterior areas of roof. Cameras must be IP and IR.</p>

	<p>Mechanical IR Cut Filter: Minimum Illumination: 0.1 Lux / F1.6 (Wide) ~ F2.8 (Tele), 0 Lux (IR LED ON) IR Illuminators: IR Illuminator Range: Up to 50 meters Lens Type: Motorized vari-focal Focal Length: f2.8 ~ f8.0mm / F1.6 ~ F2.8 Zoom: 4x optical, Digital PTZ Iris: AES Focus: Auto Field of View: Wide: 104° (Horizontal) / 56° (Vertical) / 126° (Diagonal); Tele: 57° (Horizontal) / 32° (Vertical) / 65° (Diagonal) Compression Styles: H.264 / MJPEG Frame Rate: 30 fps @ 1920 x 1080 / 1280 x 720 / 720 x 480 / 352 x 240 WDR Technology: Image Settings: White Balance, IR Shift, Auto Gain Control, Sharpness, DWDR Alarm/Event Management: Motion Detection, Real-Time Clock, Event notification via FTP / email / SMS ONVIF: Indoor/Outdoor: Outdoor Housing/Enclosure Rating: IP66 weatherproof Dimensions: 283.1 mm x 97.3 mm Weight: .94 kg (.2.07 lb) Operating Temperature: -20°C~40°C</p>		
6	Seagate Surveillance Hard Drive 8.0TB (For Surveillance Video Recording)	7	Based on standard HDD docks for NVR
7	POE Network Switch 24port	1	
8	POE Network Switch 8port	1	
9	CAT 6 Network Cable	TBD	Approximation
10	RJ45 Connectors	TBD	Approximation
11	HDMI Cable	TBD	Approximation
12	Sun Proof Flexible Pipe for Outdoor Installation	TBD	Approximation
13	Duct 40 x 40 mm	TBD	Approximation
14	Duct 33 x 33 mm	TBD	Approximation
15	Duct 25 x 25 mm	TBD	Approximation
16	Rack for minimum 12 Units	TBD	Approximation
17	32 inch LED TV with Wall Mounted Brackets	1	
18	43 inch LED TV with Wall Mounted Brackets	1	
19	Proflex Power Inverter System	1	System must be able to run independently for min 72 hours

20	Proflex Heavy Duty Batteries 12v 200AmH	8	Approximation
21	Rack for Inverter and Batteries	TBD	Approximation
22	Extension Cables for Inverter	TBD	Approximation
23	Waterproof Box for NVR Adaptor	TBD	Approximation
24	Automatic Fuses	TBD	Approximation
25	USB Splitters (4 Channels)	TBD	Approximation
26	Power Cable for LED TV	20 - 30 m	Approximation
27	Power Extension Unit	1	Approximation

IMPORTANT NOTE: This list is not exhaustive and is merely a guideline for the proposal. Once on site, contractor will need to add or reduce (efficiency) the number of cameras with the contractor justifying camera quantity due to Field of View (FOV) of individual camera or other technical advantages. The number of cameras highlighted in the attached drawing does not take into account field of view or technical advantages of the system. Brochures highlighting technical specifications of items will need to be provided prior to installation. FMFB is seeking innovative solutions with cost savings. Minimum 18 Months guarantee on system. **The system and IP cameras must be accessible remotely using a manufactures software package or alternative open source software. The supplier should contact FMFB-A Network Operations Center (NOC) to coordinate IP Address allocation prior to installation of cameras.** **NOTE: THIS IS AN APPROXIMATION WITH THE CONTRACTOR SURVEY PROVIDING DETAIL.**

Appendix B – Proposed CCTV Layout Commercial Branch, Kabul City
