

**Minutes of the pre-bid meeting of the tender for Procurement CCTV & Biometric Attendance System held on 18<sup>th</sup> September 2018 at 15:00 hours at Rashtriya e-Market Services Private Limited, Bengaluru**

**Members Present:**

ReMSL (Sriuyths)	Companies Representatives (Sriuyths)
1. V. Krishnamurthy, Senior Consultant (F&A)	1. Rakesh Kumar Modi M/s. Fortune Marketing Pvt. Ltd., Bengaluru
2. Raghavendra S. Handral, Senior Manager (IT Network)	2. K. Anil Krishna M/s. Linkwell Telesystems Pvt. Ltd., Bengaluru
3. Siva Kumar A R S, Deputy Manager (IT Network)	3. Prasanna Kumar K. M/s. FOX Base Technologies Pvt. Ltd., Bengaluru
	4. K. Srinivas M/s. Svasti (I) IT Infrastructure & Telecom Solutions, Bengaluru
	5. Raghavendra A. Kalyankar M/s. Belaku Enterprises, Kalaburagi
	6. C H Praveen Kumar M/s. Protronics, Bengaluru
	7. Sandeep Shetty M/s. Anex SECURE Security Solutions Pvt. Ltd., Bengaluru
	8. Ramachandrappa G. M/s. Sahyadri Telecom., Bengaluru
	9. R. Sathish M/s. Exultsoft Technologies Pvt. Ltd., Bengaluru
	10. G. R Prakash Rao M/s. Protech Microsystems India Pvt. Ltd., Bengaluru
	11. Vadiraj Nadig M/s. SecurTech, Bengaluru
	12. Bharath N. B. M/s. Comp-U-Soft, Bengaluru

The Chairman of the committee welcomed representatives of Companies and commenced the meeting.

## 1. Clarifications sought and provided

During the meeting, representatives of the companies raised several points on various aspects of the tender document. The Chairman and other committee members clarified these points one by one. Various queries (**Q**) raised by the representatives and the responses (**R**) provided by the committee members are documented as under:

Q-1: Clause No.: 10 - Earnest money deposit: EMD is of 0.5% or 1% of the cost put to tender? Can it be changed?

R: EMD amount has been specified in the Tender document. Accordingly, the intending bidders may furnish the EMD amount.

Q-2: Clause No.: 26 - Warranty: What about replaced item warranty period? Whether it will start from date of replacement or from initial date of commissioning?

R: It will start from the date of replacement for the period of 24 months.

Q-3: Clause No.: 30 – Payment Terms: Who will certify the work completion?

R: On completion of the work, ReMS will obtain a certificate of successful commissioning and satisfactory working of the CCTV & BIOMETRIC systems from the local officers and payment will be made at the Registered office of the ReMS.

Q-4: Annexure-IV - 1: Compliance to Technical Parameters: CCTV system – Sl. No. 2: 4 Channel NVR with PoE ports: Whether NVR with Inbuilt PoE is needed or NVR with PoE switch is Okay?

R: NVR with PoE switch is acceptable.

Q-5: Annexure-IV - 1: Compliance to Technical Parameters: CCTV system – Sl. No. 2: 4 Channel NVR with PoE ports: Why two HDD ports needed? One port is sufficient.

R: Suggestion accepted and Specification is revised.

- Q-6: Annexure-IV - 1: Compliance to Technical Parameters: CCTV system – Sl. No. 6: UPS: Is UPS battery internal or external?
- R: UPS battery can be internal or external with minimum one hour of backup.
- Q-7: Annexure-IV - 1: Compliance to Technical Parameters: CCTV system – Sl. No. 8: Management software: What kind of CCTV central management software is needed for viewing?
- R: Central management software to view minimum six APMC locations is required.
- Q-8: Annexure-IV - 1: Compliance to Technical Parameters: CCTV system: Certification: It is better if certified CCTV devices were used?
- R: Suggestion accepted and Specification is revised.
- Q-9: Annexure-IV – 2: Compliance to Technical Parameters: BIOMETRIC Attendance system – Sl. No. 1: Storage capacity: In biometric system instead of 10000 FP templates can you consider 500 FP or 1000 FP?
- R: Should support minimum of 1000 fingerprint templates. Specification is revised
- Q-10: Annexure-IV – 2: Compliance to Technical Parameters: BIOMETRIC Attendance system – Sl. No. 2: Biometric: In biometric system optical sensor is specified, Is capacitive sensor acceptable?
- R: The Specification in the Tender document remains unchanged.
- Q-11: Annexure-IV – 2: Compliance to Technical Parameters: BIOMETRIC Attendance system – Sl. No. 3: Audio/Visual: In biometric system 2.4-inch display is sufficient instead of 3.0 inch.
- R: The Specification in the Tender document remains unchanged.
- Q-12: Annexure-IV – 2: Compliance to Technical Parameters: BIOMETRIC Attendance system - Sl. No. 8: Compatible Software and SDK: Which software Application is needed Desktop or Web based or SDK for biometric? Whether Attendance system software has to be installed locally?
- R: Desktop or web application can be provided, since data will be stored at the local APMC's. Attendance system software has to be installed locally on APMC system.

Q-13: Annexure-IV – 1&2: Compliance to Technical Parameters: CCTV system & BIOMETRIC Attendance system: Make & Model should be specified.

R: The bidders may specify the Make and Model of the product. Provision is now made for this in the revised Technical Specifications.

Q-14: What type of Internet connection available? Upload speed?

R: Broadband Internet connectivity is available in APMCs. Upload speed will be of the order of around 500 Kbps.

Q-15: Whether video is compressed and sent for download?

R: It can be provided by the bidder as value added service, but not essential.

Q-16: How much distance will be there between biometric attendance system and PC?

R: The distance is around 20 meters.

Q-17: How much distance will be there between CCTV camera and NVR location?

R: The distance will be around 40 meters.

Q-18: Whether any technical person available locally at site?

R: Data entry operators with basic knowledge of computer are available at local sites.

Q-19: Can you consider Aadhar based Biometric system instead of normal?

R: The Specification in the Tender document remains unchanged.

Q-20: Who will make payment to the Vendor?

R: Payment will be released from ReMS Head office.

Q-21: Clause No.: 2 – Tender Schedule: Due to festival holidays, it is requested to extend the last date for uploading of completed tender documents by one week.

R: There is no change in the Tender Schedule for uploading the completed tender documents.

The clarifications as above shall form a part of the Tender document: ReMSL/ADM/03-05/2018-19.

The representatives of intending bidders were informed that the clarifications on the points raised will be posted on the e-procurement portal and ReMS website.

Revised Price bid Guidelines and Technical Specifications are attached for use by the Bidders.

The Chairman thanked all persons present and the meeting was concluded.

Sd/-  
(Siva Kumar A R S)  
Member

Sd/-  
(Raghavendra S. Handral)  
Member

Sd/-  
(V. Krishnamurthy)  
Chairman

## 2. Revised Price Bid Guidelines

### REVISED ANNEXURE-III

The Bidder shall quote the prices in e-procurement portal of Government of Karnataka in accordance with the instructions indicated in the portal.

Sl. No.	Items	Qty. in Units#
1	CCTV systems with cables and conduits complete in all respects.	40
2	CCTV systems AMC	40
3	2 MP IP camera (CMOS, ICR, H.264+/H.264, PoE, IR range upto 30m, 2.8 mm lens, upto 30 fps) with cables and conduits complete in all respects.	27*
4	BIOMETRIC Attendance system with accessories complete in all respects.	40
5	BIOMETRIC Attendance system AMC	40

# Quantity mentioned is approx. and may vary  $\pm$  25%.

\* Additional IP cameras needs to be installed at some of the APMC's as per ANNEXURE-VII.

**Note:**

Bidders shall quote all-inclusive price i.e. price per unit inclusive of taxes, transportation and delivery to respective locations, handling, installation, testing, insurance and all other expenses and maintenance at the locations notified in Annexure-VII.

The all-inclusive price including the taxes / duties shall be quoted by the bidders in the e-procurement portal of Government of Karnataka, duly specifying the name of taxes/ duties and percentages included in the price.

The Tender would be evaluated on the basis of overall cost of both CCTV and BIOMETRIC system and not separately.

**3. Revised Technical specifications after pre-bid meeting:**

**REVISED ANNEXURE-IV**

**1. Compliance to Technical Parameters: CCTV system**

Sl. No.	Features	Specifications	Compliance Yes/No	Actual Specification	Make & Model
1	2 MP IP camera – Qty 3	CMOS, ICR, H.264+/H.264, PoE, IR range upto 30m, 2.8 mm lens, upto 30 fps			
2	4 Channel NVR with PoE ports – 1 Qty	4 channel NVR with 4 PoE ports. Supports one HDD. Network speed 80 Mbps. Supports upto 4 Megapixel cameras			
3	2 TB Surveillance HDD – 1 Qty	3.5” surveillance HDD with 2 TB storage			
4	18.5” LCD display – 1 Qty	Wall mountable LCD display Resolution upto 1366 x768			
5	4 U Rack with Power socket – 1Qty	4 U Rack with glass door with lock & key. 3 port Power sockets			
6	UPS – 1 Qty	1 KVA UPS with built-in backup of 1 hour			
7	Installation	Installation of NVR & cameras with necessary cables & conduits			
8	Management software	Management software to be installed in computer for centrally monitoring CCTV systems from registered office of the company in Bengaluru			
9	Certification	UL or CE certifications			

**2. Compliance to Technical Parameters: BIOMETRIC Attendance system**

Sl. No.	Features	Minimum Specifications	Compliance Yes/No	Actual Specification
1	Storage capacity	Fingerprints templates	Min 1000	
		Card Storage	Min 1000	
		Transaction storage	1,00,000	
		Card reader	Inbuilt proximity card reader (Mifare, HID prox)	
		CPU	800 Mhz 32-bit Microprocessor	
2	Biometric	Fingerprint sensor	500 DPI Optical sensors	
		FAR	<=0.0001%	
		FRR	<=1%	
		Identification speed	<0.5 sec	
3	Audio/Visual	Display	3" Color TFT	
		Keypad	Yes	
		LED Indicator	Green/Red	
		Schedule Bell/Speaker	Mini Speaker	
4	Communication	Communication	TCP/IP, USB	
		Push data	yes (support both static IP and domain server)	
		Standard features	work code,SMS,DLST, Self-service query, Status Switch	
5	Power & environment	Power Supply	DC 12V: 1.5Amp	
		Operating Temperature	0oC to 45oC	
		Operating Humidity	20% -80%	
		Dimension	210x157x40	
6	Exit Readers	Support exit readers	101 HE, FR 1200, Push Button, KR500, Notouch, KR503	
7	Features	Battery Backup	4-6 hours	
		Card readers	Mifare/HID Prox/HID Iclass	
		Communication	Ethernet and USB	
		Sensor	Mifare/HID Prox/HID Iclass	

Sl. No.	Features		Minimum Specifications	Compliance Yes/No	Actual Specification
8	Compatible Software and SDK		Desktop & web application		
			SDK for desktop applications		
			Web based Device Manager/ePush server using Push data. Helps developers & integrators		
9	Major Applications		Time & Attendance Management		
10	Make & Model	OEM Name: Model Details:			