



UCO BANK

Department of Information Technology

**Request for Proposal (RFP) For “Request for Proposal (RFP) For Supply, Installation and Maintenance of E-Surveillance System at ATM Sites and Branches in CAPEX Model**

**RFP Ref. No.: DIT/BPR & BTB/OA/971/2017-17 dated 30/06/2017”**

**Additional Pre-Bid Responses/Clarifications to Queries raised by the Bidder(s), Amendments, Addendums and Corrigendum's**

SL No	Page no	Section/Clause No.	Original RFP Clause	Description	Description of Query/ Clarification sought by Bidder	Bank Response
1	28 of Prebid responses uploaded on 05/08/2017	Annexure – IX	Functional and technical specifications (E-surveillance Systems)	<b><u>Specifications of NVR:</u></b> 1. <b>NVR 4 Channel</b> : Standard H.265, CPU - Corte A9 Dual Core, Resolution - 5MP,4MP,3MP,1080p,960P,720P @ 25 / 30P, output - HDMI x 1 : 4K X 2K / 1920 X 1080 / 1280 x 1024. 4 channel POE, RCA ,Bit Rate ( 40 Mbps), Frame rate 1~25 FPS per channel/PAL, CBR/VBR Encode, Smart search, Digital Zoom, FF, Play, Pause, PTZ, Alarm out, TCP/IP, UDP, DHCP, DNS, PPPoE, DDNS, SATA x 1, 2, one , USB 3.0 2,one for mouse, another for USB backup device,	NVR with PoE will require 48V supply which can be given from the UPS directly. As we are going to provide battery back up of 12V 12AH ratings, we won't be able to provide battery backup to the NVR. We recommend to	Bank requires NVR with PoE. Bank may require 08 hrs of battery back-up including NVR with PoE at selected locations only.  The commercials for the 08 hours backup is optional item and shall not be considered for calculation of TOC of the project.

				<p>iPhone, Android, 10 user, Dual Stream.</p> <p>2. <b>NVR 8 Channel</b> : Standard H.265, CPU - Corte A9 Dual Core, Resolution - 5MP,4MP,3MP,1080p,960P,720P @ 25 / 30P, output - HDMI x 1 : 4K X 2K / 1920 X 1080 / 1280 x 1024. 8 channel POE, RCA ,Bit Rate ( 80 Mbps), Frame rate 1~25 FPS per channel/PAL, CBR/VBR Encode, Smart search, Digital Zoom, FF, Play, Pause, PTZ, Alarm out, TCP/IP, UDP, DHCP, DNS, PPPoE, DDNS, SATA x 1, 2, one , USB 3.0 2,one for mouse, another for USB backup device, iPhone, Android, 10 user, Dual Stream.</p> <p>3. <b>NVR 16 Channel</b> : Standard H.265, CPU - Corte A9 Dual Core, Resolution - 5MP,4MP,3MP,1080p,960P,720P @ 25 / 30P, output - HDMI x 2 : 4K X 2K / 1920 X 1080 / 1280 x 1024, RCA ,Bit Rate ( 256 Mbps), Frame rate 1~25 FPS per channel/PAL, CBR/VBR Encode, Smart search, Digital Zoom, FF, Play, Pause, PTZ, Alarm out, TCP/IP, UDP, DHCP, DNS, PPPoE, DDNS, SATA x 8, 2, one , USB 3.0 2,one for mouse, another for USB backup device, E-Sata - 1, iPhone, Android, 10 user, Dual Stream.</p>	<p>use NVR(Without PoE) with IP Camera.</p>	
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2	30 of Prebid responses uploaded on 05/08/2017	Requirements		Scheduled locking of the main entry door to ATM lobby (For ATMs that are closed in the night)	<p>Schedule locking of Main entry door), kindly give clarity on this application.</p> <p>Will there be a caretaker to close the shutter for these ATMs? If not, how do you propose to achieve this scheduled closing without caretaker at site?</p>	The shutter for ATM will be closed manually by the caretaker.
3	12 of Pre-bid responses uploaded on 05/08/2017	Corrigendum	Point no.2	Bidder should be providing CMS (Central Monitoring Systems) for a minimum 1000 ATM/Currency Chest/Cash Vault/Bank branches in India as on 30th June, 2017. All documentary evidence should be provided.	Is it to be counted on individual basis or on consortium?	It is to be counted on individual basis only.
4	16 – 18 of Pre-bid responses uploaded on 05/08/2017	Commercial format	Table A		BOQ is not having essential items like Hooter/Siren, Surveillance grade Hard disk with storage capacity and Internal battery. Same needs to be mentioned for	<p>Please refer to the revised Comercia Bid format.</p> <p>Further, additional rows may be inserted for any line – item if the same is not mentioned in the prescribed format of commercial bid.</p>

					full-fledged BOQ	
5	18 of Pre-bid responses uploaded on 05/08/2017	Commercial format	Table B		Connectivity has been mentioned as secondary backup link. Should it be assumed that primary link will be provided by the bank? Ideally, at the central infrastructure or Command center, bank should provide at least 10 Mbps backhaul link with 10 Mbps secondary backup. Need clarity on the same.	<p>The primary link will be provided by the Bank. The connectivity from CMS to the individual site will be provided by the Bank itself. The required bandwidth of this link will be upgraded as per the requirements.</p> <p>However, the SIM based secondary link has to be provided by the bidder to meet the set SLA.</p>
6	18-19 of Pre-bid responses uploaded on 05/08/2017	Commercial format	Table C		Detailed specification, model number and quantity is required for all computing devices. Certain devices are not mentioned for example Firewall,	<p>Bidder should ensure the minmum configuration of Services/Storage/Network devices etc., to meet the set SLA.</p> <p>All required hardware/software have to be provided by the bidder only. Bank will not provide</p>

					Switch, Router, etc. Should it be assumed that bank will be providing the same? If not then it should be included in the format. Command center would also require backhaul link which is not mentioned in the schedule C.	any software/hardware for this purpose.  The price of all software/hardware has to be mentioned in the commercial bid.  Additional rows may be inserted for any line-items if the same is not available in the prescribed format of commercial bid.
7	23 of Pre-bid responses uploaded on 05/08/2017	Revised Annexure – XI Technical Specification : Integrated Panel	On-board Keypad for programming of Panel		The Web/Mobile interface for Programming Panel may please be considered.	Bidder may provide Keypad or web/mobile based interface for the programming panel.
8		Commercial Bid			1 TB Hard Disk Drive is not sufficient for storage of 30 days data. It may be increased.	Please refer to the revised Commercial bid format, separate line items have been introduced.

## Corrigendum

SI No	Page No. of RFP	Existing Clauses	Modified Clauses
1	6	Last Date & Time for submission of Bid Documents:  25-08-2017 till 3.00 PM	Last Date & Time for submission of Bid Documents:  29-08-2017 till 3.00 PM
2	6	Opening of Technical Bids:  25-08-2017 at 3.30 PM	Opening of Technical Bids:  29-08-2017 at 3.30 PM

### Annexure-VI (Revised)

#### Commercial Bid Template (Amount in Rs.)

#### TOTAL COST OF OWNERSHIP (TCO)

**Table-A – Individual Site – Equipment/ Device Cost (One Time)**

Items	Number of branches (a)	Number of Off-site ATMs (b)	Total Number of devices c = (a) + (b)	Unit Cost (in Rs.) (d) with 03 yr warranty	Tax (%) (e)	Tax (in Rs.) (f)	Total Unit Cost (in Rs.) g = (d + f) with 03 yrs. warranty	Total cost h=(g*c) with 03 yrs. warranty
CCTV	Small-1597	575	20,000*	XXXX	XXXX	XXXX	XXXX	XXXX
Camera	Medium-1431							
	Large-35							
NVR Channel) (4	1597	575	2172	XXXX	XXXX	XXXX	XXXX	XXXX
NVR Channel) (8	1431	XXXX	1431	XXXX	XXXX	XXXX	XXXX	XXXX
NVR Channel) (16	35	XXXX	35	XXXX	XXXX	XXXX	XXXX	XXXX
Hard Disk Drive – 2 TB	1597	575	2172	XXXX	XXXX	XXXX	XXXX	XXXX
Hard Disk Drive	1466	XXXX	1466	XXXX	XXXX	XXXX	XXXX	XXXX

– 4 TB								
Siren/ Hooter	<b>3063</b>	<b>575</b>	<b>3638</b>	<b>XXXX</b>	<b>XXXX</b>	<b>XXXX</b>	<b>XXXX</b>	<b>XXXX</b>
Panic Switch	<b>3063</b>	<b>575</b>	<b>3638</b>	<b>XXXX</b>	<b>XXXX</b>	<b>XXXX</b>	<b>XXXX</b>	<b>XXXX</b>
PIR	<b>3063</b>	<b>575</b>	<b>3638</b>	<b>XXXX</b>	<b>XXXX</b>	<b>XXXX</b>	<b>XXXX</b>	<b>XXXX</b>
Tilt Sensor	<b>3063</b>	<b>575</b>	<b>3638</b>	<b>XXXX</b>	<b>XXXX</b>	<b>XXXX</b>	<b>XXXX</b>	<b>XXXX</b>
Vibration Sensor	<b>3063</b>	<b>575</b>	<b>3638</b>	<b>XXXX</b>	<b>XXXX</b>	<b>XXXX</b>	<b>XXXX</b>	<b>XXXX</b>
Magnetic Sensor	<b>3063</b>	<b>575</b>	<b>3638</b>	<b>XXXX</b>	<b>XXXX</b>	<b>XXXX</b>	<b>XXXX</b>	<b>XXXX</b>
Fire Sensor	<b>3063</b>	<b>575</b>	<b>3638</b>	<b>XXXX</b>	<b>XXXX</b>	<b>XXXX</b>	<b>XXXX</b>	<b>XXXX</b>
Connectivity Solution(Panel with one SIM)	<b>3063</b>	<b>575</b>	<b>3638</b>	<b>XXXX</b>	<b>XXXX</b>	<b>XXXX</b>	<b>XXXX</b>	<b>XXXX</b>
Back Door Censor	<b>3063</b>	<b>575</b>	<b>3638</b>	<b>XXXX</b>	<b>XXXX</b>	<b>XXXX</b>	<b>XXXX</b>	<b>XXXX</b>
Smoke Sensor	<b>3063</b>	<b>575</b>	<b>3638</b>	<b>XXXX</b>	<b>XXXX</b>	<b>XXXX</b>	<b>XXXX</b>	<b>XXXX</b>
2-Way Audio Solution	<b>3063</b>	<b>575</b>	<b>3638</b>	<b>XXXX</b>	<b>XXXX</b>	<b>XXXX</b>	<b>XXXX</b>	<b>XXXX</b>
Implementation Charges	<b>3063</b>	<b>575</b>	<b>3638</b>	<b>XXXX</b>	<b>XXXX</b>	<b>XXXX</b>	<b>XXXX</b>	<b>XXXX</b>
Any other items, if required (Mention Details)				<b>XXXX</b>	<b>XXXX</b>	<b>XXXX</b>	<b>XXXX</b>	<b>XXXX</b>
<b>Total Cost of equipment/ devices for Individual Site Setup(One time)</b>								<b>XXXX</b>

Note-

1. The estimated quantity of cameras is based on the number of channels available with the type of NVR (4/8/16 channel) to be installed at the site. It indicates the estimated quantity only.
2. The total cost of equipment/ devices (Table A) is based on the estimated quantity of devices and shall be used for calculating overall TCO and L1 bidder selection only. However, Bank will place purchase order for devices on the basis of unit cost, mentioned in Table A, of the device.

Table-B Individual Sites – Connectivity Usages Charges								
Items	Number of branches (a)	Number of Off-site ATMs (b)	Total Number of sites c = (a) + (b)	Monthly Charges (in Rs.) (d)	Tax (%) (e)	Tax (in Rs.) (f)	Yearly Usages Charges per site (in Rs.) g = 12*(d+f)	Total cost for 05 Years h=c*(g*5)
Connectivity Usage Charges (Secondary Link)	3063	575	3638	XXXX	XXXX	XXXX	XXXX	XXXX
Total Connectivity Usages Charges								XXXX

Table-C – Central Monitoring System – Hardware & Software Cost (One Time)						
Software Items	Unit Cost with 03 year warranty (a)	Qty (b)	Tax (%) (c)	Tax (in Rs.) (d)	Total Unit Cost e=(a+d)	Total cost with 03 year warranty =b*e
Application Software	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX
Other Software (if any, mention details)	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX
Desktop Terminals (without Monitors)	XXXX	20	XXXX	XXXX	XXXX	XXXX
Monitors (2 nos. Per terminal)	XXXX	40	XXXX	XXXX	XXXX	XXXX
Servers	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX
Managed Switch	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX
Storage (if any)	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX
Headsets	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX
Server Rack	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX
Other Hardware (if any, Mention Details)	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX



Escrow Management cost	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX
Any other charges (Mention Details)	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX
Implementation Cost	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX
<b>Total Cost for Central Monitoring System (One Time)</b>						XXXX

<b>Table-D – Central Monitoring System – AMC/ ATS Charges for Hardware &amp; Software</b>						
<b>Software Items</b>	<b>Unit Cost (a)</b>	<b>Qty (b)</b>	<b>Tax (%) (c)</b>	<b>Tax (in Rs.) (d)</b>	<b>Total Unit Cost e=(a+d)</b>	<b>Total cost =b*e</b>
AMC of Hardware for 04 <sup>th</sup> Year	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX
AMC of Hardware for 05 <sup>th</sup> Year	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX
ATS of Software for 04 <sup>th</sup> Year	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX
ATS of Software for 05 <sup>th</sup> Year	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX
<b>Total Cost for AMC/ ATS Central Monitoring System</b>						XXXX

<b>Table-E – Individual Sites – AMC Charges</b>								
<b>Items</b>	<b>Number of branches (a)</b>	<b>Number of Off-site ATMs (b)</b>	<b>Total Number of sites c = (a) + (b)</b>	<b>AMC Charges per site (in Rs.) (d)</b>	<b>Tax (%) (e)</b>	<b>Tax (in Rs.) (f)</b>	<b>AMC Charges per site (in Rs.) g = (d+f)</b>	<b>Total AMC Charges h=(g*c)</b>
AMC Charges of devices installed at Individual Sites – 04 <sup>th</sup> Year	3063	575	3638	XXXX	XXXX	XXXX	XXXX	XXXX
AMC Charges	3063	575	3638	XXXX	XXXX	XXXX	XXXX	XXXX

of devices installed at Individual Sites- 5 <sup>th</sup> Year								
Total Cost of AMC for Individual Sites								XXXX

Table-F – Facility Management Services (FMS)					
Items	Resources required (a)	Charges per resource (b)	Tax (%) (c)	Tax (in Rs.) (d)	Total Charges (₹) e=a*(b+d)
Facility Management Services – 1 <sup>st</sup> Year	05	XXXX	XXXX	XXXX	XXXX
Facility Management Services – 2 <sup>nd</sup> Year	10	XXXX	XXXX	XXXX	XXXX
Total Charges for Facility Management Services					XXXX

Table-G – Training Charges (One Time)				
Items	Charges (a)	Tax (%) (b)	Tax (in Rs.) (c)	Total Charges (₹) d=a+c
Training to be imparted to 20-25 Bank's staff at Kolkata for three days (Premises and infrastructure to be provided by Bank)	XXXX	XXXX	XXXX	XXXX
Total Charges for Training				XXXX

Table H- Total Cost of Ownership (TCO)		
Table	Particulars	Cost
A	Total Cost of equipment/ devices for Individual Site Setup(One time) with 03 year warranty	XXXXXX
B	Individual Sites – Connectivity Usages Charges for 05 years	XXXXXX

<b>C</b>	<b>Total Cost for Central Monitoring System (One Time) with 03 year Warranty</b>	<b>XXXXXX</b>
<b>D</b>	<b>Total Cost for AMC/ ATS Central Monitoring System – 04<sup>th</sup> &amp; 05<sup>th</sup> Year</b>	<b>XXXXXX</b>
<b>E</b>	<b>Total AMC Charges for individual sites – 04<sup>th</sup> &amp; 05<sup>th</sup> Year</b>	<b>XXXXXX</b>
<b>F</b>	<b>Facility Management Services (FMS) – 02 years</b>	<b>XXXXXX</b>
<b>G</b>	<b>Training Charges</b>	<b>XXXXXX</b>
<b>Total Cost of Ownership for 05 years</b>		<b>XXXXXX</b>

(Total Cost of Ownership for 05 years in words.....)

**Optional Item (Not to be considered for calculation of TOC):**

<b>Optional Item</b>				
<b>Items</b>	<b>Unit Cost (a)</b>	<b>Tax (%) (b)</b>	<b>Tax (in Rs.) (c)</b>	<b>Total Cost (Rs) d=a+c</b>
<b>08 Hours Backup for NVR at selected locations as per Bank's requirements</b>	<b>XXXX</b>	<b>XXXX</b>	<b>XXXX</b>	<b>XXXX</b>
<b>Total Cost</b>				<b>XXXX</b>

**Place:**

**Authorised**

**Signatory**

**Date:**

**Name:**

**Stamp:**

**Note:**

1. L1 Bidder will be determined based upon lowest TCO quoted by the bidder.
2. In case of discrepancy between figures and words, the amount in words shall prevail.
3. The rate quoted by the bidder should be exclusive of all taxes applicable / payable.
4. The rate quoted should be excluding all costs, allowances, taxes, GST, levies etc.
5. The bidder should mention all costs, allowances, taxes, GST, levies etc. separately and firmly under the Tax Column.
6. Bidder should strictly quote in the format as mentioned above.
7. No counter condition/assumption in response to commercial bid will be accepted. Bank has a right to reject such bid.
8. Quantity mentioned above is indicative. It may vary as per requirement of Bank.

9. The quantity of devices CCTV, DVR etc. are indicative in nature. Bank may procure CCTV and DVR based as its requirement. Bank will not guarantee minimum quantity.

**Note:**

**Any document uploaded after the upload of this document may supersede the contents of this document.**

**Place: Kolkata**

**Date: 24/08/2017**

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