

यूको बैंक



UCO BANK

(भारत सरकार का उपक्रम
सम्मान आपके विश्वास का)

A Govt. of India Undertaking)
Honours your trust

यूको बैंक, अंचल कार्यालय, हावड़ा-711 101
UCO Bank, Zonal Office, HOWRAH- 711101

DATE-02.06.2015

Invitation of Bids For Supply, New Installation of CCTV and Annual Maintenance Contract of existing CCTV systems at the Bank Branches under Howrah Zone.

1. Applications are invited from reputed Companies /Firms for Supply, Installation and Annual maintenance Contract of existing CCTV systems in the Branches under Howrah Zone of UCO Bank, West Bengal comprising of (Howrah and Purba Midanapore) Districts. Only those companies and firms who fulfill following eligibility criteria will be considered for empanelment:-
 - a) Reputed service providers specializing in providing and installation of CCTV Systems for at least last 5 years in the field as on 1st May, 2015.
 - b) Ability to undertake the work and maintenance of all Branches throughout the Howrah zone.
 - c) Ability to provide CCTV systems as per technical specifications available at Appendix-III & IV of this advertisement.
 - d) Ability to commence service within 15 days from date of placement of order.
2. The vendor should meet the eligibility criteria, General requirements, and other mandatory Requirements as per details available at Appendix- I & II of this advertisement.
3. The system should meet with technical specification and details given in Appendix- II & III.
4. Empanelment of vendors may be restricted to maximum 10 vendors in accordance with merit towards fulfillment of eligibility criteria in a descending order specified in Appendix-I & II and fulfillment of technical specification compliance given in Appendix- III & IV.
6. 10% of the payment will be retained by Bank for 2 Year (warranty period) from the date of Installation as defect liability period money.
7. The vendor has to give an undertaking that they will give a performance Bank guarantee of Rs.1,00000/- (Rs.one lakh) for five years for the AMC of existing CCTV systems installed at Branches of Howrah Zone, and this performance guarantee will be in vogue in case of new CCTV installations and their AMC after the expiry of warranty period of two years, and this undertaking has to be enclosed with the eligibility bid.
8. The vendor has to give an undertaking that:-
 - I) The Hard Disk they will supply is a Surveillance Hard Disk
 - II) DNS software & Remote Health Monitoring Software has to be provided free of cost by the Vendor.
 - III) The above stated both the undertakings have to be enclosed with the eligibility bid.
9. Applications are to be sent to the undersigned in two sealed covers super scribed as Part-I (eligibility bid & technical bid) & Part-II (financial bid) with vendor's complete address and contact number on or before 15.00 hrs on 23rd June 2015 as under:
 - (a) Part I. Eligibility bids- to include profile of the company.
 - 1) List of major existing clients, registered number and sales tax details etc. as per Appendix-I & II point wise. Attach document wherever required.

- 2) **EMD shall be Rs-25,000/-(Twenty five thousand only)** to be deposited along with tender document through Demand Draft, Bankers Cheque or Pay Order in favour of **UCO Bank, Zonal Office, Howrah.**

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(b) Part II. Technical bids -to meet the technical specification:

- 1) Compliance of technical specification of CCTV Systems given in **Appendix -III & IV** point wise.
- 2) The system and all the parts should meet with standard stipulated as mentioned in technical specification.
- 3) **Financial bids should be:** - Net rates (inclusive of all taxes, levies, installation, handling & maintenance charges) as mentioned in **Appendix -V & VI.**

(Vendors may be asked to submit Copy of certification of equipment i.e. UL/CE/FCC, copy of document of authorization from manufacturer to Indian dealers and from Indian dealer to supplier undertaking that the cards supplied are original)

10. **EMD shall be Rs-25,000/-(Twenty five thousand only)** to be deposited along with tender document through Demand Draft, Bankers Cheque or Pay Order in favour of **UCO Bank, Zonal Office, Howrah.** EMD is liable to be forfeited in the event of:
- i. Revocation of the tender or increasing the rates after opening of the tender and before the expiry of the validity of tender.
 - ii. Refusal of the vendor/Contractor to execute the agreement or not complying with the contractual terms & conditions after awarding of contract.
9. The interested vendors may obtain the tender papers from under mentioned Bank address, or can be downloaded from our Banks website www.ucobank.co.in. For any other queries, vendors may contact the undersigned on working days between 11 A.M. to 4 P.M.
10. Part (I) Eligibility bid shall be opened on **29th June 2015 at 11.00 hrs** and Part (II) Technical bid will be opened only if Bank is satisfied with Part I. Opening of Technical bid & Live demonstration of the system will be held on **30th June 2015 at 11.00 hrs**. Part III (Financial bid) of empanelled vendors will be opened on **01st July 2015 at 11.00 hrs**, only if Bank is satisfied with Part-I, Part-II and satisfactory live demonstration of the system as per technical specification.
11. Bank reserves the right to reject any/all bids without assigning any reason thereto.
12. Bank is not responsible for late receipt of application or its damage in transit.
13. Any dispute arising in this matter will be settled in the jurisdiction of Howrah, West Bengal.

Deputy Zonal Head-II
UCO Bank, Zonal Office,
Howrah 552,G.T.Road (s),
2nd Floor, Howrah – 711101
E-mail: zo.howrah@ucobank.co.in
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Fax no : 033-2638-7036

**ELIGIBILITY CRITERIA OF VENDORS FOR SUPPLY, INSTALLATION AND MAINTENANCE OF
CCTV SYSTEM**

1. Vendor providing CCTV systems should have been in business for the last five years as on 01.05.2015.
2. Vendor providing CCTV system should have adequate technician and local service center at Howrah / purba Midnapore to attend and repair the complaint and breakdown within 24 hour in Howrah District & 48 hours in the District purba Midnapore of Give the exact number of technician working in your concern.
3. Vendor should have a Certificate of Registration with Registrar of Companies or Registrar of Firms or have a letter of proprietorship.
4. Vendor should provide the latest Income Tax Assessment Order and PAN/ TAN Number.
5. Vendor should provide the latest Audited Balance Sheet Preceding 3 Years.
6. Vendor should provide total annual turnover for last 3 years.
7. Vendor should provide name and address of banker with **solvency certificate** not older than one year.
8. Vendor should have a local Office in the state of West Bengal preferably at Howrah / purba Midnapore. Give postal address and landline contact number.
9. Vendor should be registered under the appropriate authority for service tax.
10. **The vendor has to give an undertaking that they will give a performance Bank guarantee of Rs.1,00000/- (Rs.one lakh) for five years for the AMC of existing CCTV systems installed at Branches of Howrah Zone, and this performance guarantee will be in vogue in case of new CCTV installations and their AMC after the expiry of warranty period of two years.**
11. The vendor has to give an undertaking that
 - I) **The Hard Disk they will supply is a surveillance Hard Disk.**
 - II) **DNS software & Remote Health Monitoring Software** has to be provided free of cost by the Vendor.
12. Vendor should have supplied CCTV system to Nationalized/ Private Banks in the state of West Bengal.
13. **The vendor has to give an undertaking that, they are willing to carry out the AMC job of existing CCTV systems installed earlier and the AMC job of new CCTV systems to be installed (after the expiry of warranty period of two years), at a uniform price for both the AMCs.**

APPENDIX-II

General Requirements		Vendors compliance
1	Warranty for two year	
2	Post warranty comprehensive AMC for 5 years	
3	Support for retrieval of image for dispute resolution at no additional cost	
4	Necessary software for retrieval of Data from the DVR Hard disc at no additional cost	
Other mandatory requirements		
1	All imported products, e.g. Cameras, DVRs should carry quality certification i.e. CE / FCC / UL. (Copies to be enclosed) and all Cable and PVC conduit i.e. ISI Mark (Should be marked as Annexure-1)	
2	Products should be from ISO certified Manufacturer & Supplier. (Copies to Be Enclosed) (Should be marked as Annexure-2)	
3	Copies of Back-To-Back Authorized Dealership Certificates to Be Enclosed(should be marked as annexure-3)	
4	Local Address & Telephone Number of All Service Centers should be provided (Should be marked as Annexure-4).	
5	Copies of ST / CST / VAT / Regn. No. (Should be marked as Annexure-5)	
6	Copy of PAN No. Registration (Should be marked as Annexure-6)	
7	Brochures / Technical Data Sheets of products offered (Should be marked as Annexure-8.1,8.2,8.3 etc)	
8	Eligibility criteria of vendors(mentioned in Appendix- I) in annexure (10,11,13 etc)	

Date

Signature and Seal of the vendor

Appendix-III**Technical Specifications**

	Appendix - III to letter No. SEC/HO/2011/ dated 16.09.2011 & SEC/HO/2014/216 dated 27.02.2014	8 CHANNEL STAND ALONE DVR		16 CHANNEL STAND ALONE DVR	
SN I	TECHNICAL SPECIFICATION FOR 8&16 CHANNELS STANDALONE DVR	Bidder's Compliance with make		Bidder's Compliance with make	
1	Operating System: Linux / Window XP / Embedded MCU.				
2	DVR should be system embedded with H.264 video compression algorithm.				
3	8 / 16 Channel DVR 300 / 400 fps-PAL.				
4	Simultaneous viewing, network, recording and Playback functions.				
5	Display on line resolution / Preview resolution 720*576 PAL				
6	Multiple Viewing Option (VGA/BNC).				
7	Video In-out / Loop out: 8/8 & 16/16				
8	Video Output: 1 composite, 1 S-Video, 1 VGA, 1 Spot.				
9	Audio in / out: 8/1 & 16/1-2				
10	Recording Rate: PAL: Real Time (25 fps per channel), 4CIF- D1 with all Channels recording and playback both.				
11	System should be robust and capable of working in 24X7X365 environment.				
12	System should be scalable / upgradeable.				
13	Storage Media: Built in Recording up to 90 days in real Time (25 FPS per channel) mode for 8 & 16 Channel DVR (3 & 6 Terabytes respectively).				

14	Provision for minimum 4 SATA slots for 3 HDD + DVD – RW (each SATA slot should be of minimum 2 TB HDD capacities).				
15	Data storage for 90 days. Data recycling on FIFO basis.				
16	Network Interface: Ethernet (RG-45, 10/100 Base-Tx), External Model Vio RS-232 Port.				
17	Support Multi Zone Motion Detection.				
18	Support multilevel Pass Word For Operation, setup and remote Access.				
19	Support Waterproof marking to ensure tamper proof recording of images.				
20	Support tampering detection alarm function to indicate tempering of DVR / Cameras. Visual indication for local faults, disc full, malfunction etc.				
21	Support video signal loss alarm. System should do health check of all cameras.				
22	Support position configurable to OSD and LOGO.				
23	Support Real Time and Motion Based Recording.				
24	Support HDD Sleep Mode.				
25	Support FAT 32 File Systems.				
26	Support USB flash dish, USB DVD-RW for backup with built in DVD-RW.				
27	Support playback in various modes fast, slow, pause, forward, backward, frame-by-frame.				
28	Support TCP, UTP, RTP, PPPOE, Multicast, DHCP etc.				
29	Provision for ADSL, PSTN, Leased Line, Broad Band.				
30	Remote play back, Download the recorded files in DVR.				
31	Remote viewing through Mobile phones / and through any other PC with IP (RHMS).				

32	System should have file player software so that back up can be auto played on any PC Using Windows Media Player.				
33	Vender Should provide Central Monitoring Station (CMS) Software free of cost and this software should be compatible to CMS software of third party, as well. The system should be capable of running Remote Health Monitoring System.				
34	Power AC-100/240 V & 50 / 60 Hz.				
35	DVR housing with wall mounting bracket and tamper proof locking arrangement.				
36	System Should carry UL/FCC/CE certification.				
II	TECHNICAL SPECIFICATION FOR CAMERAS	Bidder's Compliance			
1	Camera Dome – With 1/3 inch colour CCD, Min. resolution 700 TV lines& 3.6 mm lens of 0.35 Lux or better				
2	Camera IR – IR weatherproof Bullet Colour Camera with 1/3 inch colour CCD, Min 700 TV Lines, Min 24 LEDs&6.0 mm Lens				
3	C Mount Camera – 1/3 inch CCD day and night Colour Camera, Resolution Min 700 TV lines Verifocal Lens 2.8 mm to 10 mm, 0.2 Lux Auto Lens AWB, BLC, AGC switch setting adjustable facility				
	Note: All Cameras Should carry UL/FCC/CE certification & are to be supplied with associated mounting bracket and Housing.				
III	TECHNICAL SPECIFICATION FOR MONITOR	Bidder's Compliance			
1	LED 19 inch size, model LG/Samsung(Rate per unit)				
IV	TECHNICAL SPECIFICATION FOR CABLING	Bidder's Compliance			
1	RG 6 video coaxial cable per meter(Rate per running meter) (Brand Polycab)				

2	Two core 14x36power cable per meter(Rate per running meter) (Brand finolex)				
V	AMC -CONDITIONS (COMPREHENSIVE AMC FOR 5 YEARS)	Bidder's Compliance for 8 Channel DVR System		Bidder's compliance for 16 channel DVR system	
1	AMC Comprehensive (all the spare parts cost included, including power supply, Mother board, Hard Disc, PCB, Complete DVR unit, Cameras etc.) during AMC period no separate charges for any kind of spare parts will be paid. AMC for the above configuration for five years and the rate quoted for one year for 4/8/16 channel CCTV system. The AMC charges quoted by the vendor will also be applicable for the existing 04, 08, 16 Channel CCTV Systems installed at various Branches of Howrah Zone.				
VII	Mention Service Centres /Office in the Howrah / purba mindanpore.				
VII I	Incase of refurbishing & shifting Relocation charges per Branch for 04,08,16 Channel system				
NOTE: ALL ABOVE MENTIONED ITEMS ARE TO BE SUPPLIED AS PER SPECIFICATION GIVEN IN THE ABOVE TABLE AND INSTALLATION HAS TO BE COMPLETED AS PER REQUIREMENT OF EACH BRANCH					
Seal					
Date		(Signature of the renderer / Vendor)			

	<u>Appendix - IV</u> to letter No. SEC/HO/2012/763 dated 29.06.2012 & SEC/HO/2014/216 Dated 27.02.2014	4 CHANNEL STAND ALONE DVR FOR ATM	
SN I	TECHNICAL SPECIFICATION FOR 4 CHANNELS STANDALONE DVR	Bidder's Compliance with make	

1	Operating System: Window XP		
2	Video compression :- Embedded with H.264 Video compression algorithm		
3	No of video channel- 4		
4	System features:-Simultaneous viewing, record, Playback, back up & Network.		
5	Display resolution:- BNC-704x576(PAL), 704x480(NTSC)		
6	Frame rate:-100 fps(CIF)-PAL		
7	Video Input :- 4 Channel		
8	Video Output: 1 BNC.		
9	Storage:- Hard disc 90 days recording minimum		
10	Record:-Manual, alarm, Motion detection & Schedule.		
11	Support function:- Multi zone motion Detection, Multilevel password protection.		
12	Content control:- Water marking for authentic video footage		
13	Search: - date/Time, Logistic event, channel.		
14	Back up:-USB/USB-DVD-RW		
15	Remote function:-Mobile view, Back up.		
16	Certification:-CE/FCC/UL/-Any two of three		
Camera type & Location			
1	Type:-Colour, Preferably C-mount ,IR & Dome ,if required may be pin hole		
2	Number-2 Minimum		
3	Location:- Camera should be installed in such a way that the camera view should not cover key pad		
Camera specification:-			
		Bidder' Compliance	
1	C-Mount camera:- 1/3"CCD,in appropriate housing 0.1 Lux,540 TVL,3.5 m.m.		

2	Dome camera:- 1/3" HAD CCD, 0.1 Lux, 540 TVL, 3.6 mm wide angel lens.		
3	Pin hole camera:- 1/3" HAD CCD, in appropriate housing 0.1 Lux, 540 TVL, 3.7 mm wide angel lens.		
III	TECHNICAL SPECIFICATION FOR MONITOR	Bidder's Compliance	
1	LED 19 inch size(Rate per unit) (model LG/Samsung)		
IV	BUY BACK OF OLD CCTV SYSTEM ALONG WITH 4/8 CAMERAS & ACCESSORIES		
V	TECHNICAL SPECIFICATION FOR CABLING	Bidder's Compliance	
1	RG 6 video coaxial cable-per meter(Rate per running meter)		
2	Two core 14x36 power cable per meter(Rate per running meter)		
3	1" PVC conduit (BIS approved) -per meter-(Rate per running meter)		
VI	AMC -CONDITIONS (COMPREHENSIVE AMC FOR 5 YEARS)	Bidder's Compliance for 4 Channel DVR System	
1	AMC Comprehensive (all the spare parts cost included, including power supply, Mother board, Hard Disc, PCB, Complete DVR unit, Cameras etc.) during AMC period no separate charges for any kind of spare parts will be paid. AMC for the above configuration for five years and the rate quoted for one year for 4/8/16 channel CCTV system. The AMC charges quoted by the vendor will also be applicable for the existing 04, 08, 16 Channel CCTV Systems installed at various Branches of Howrah Zone.		
	Mention Service Centres /Office in the District of Howrah/Purba midnapore.		
	Inc case of refurbishing & shifting Relocation charges per Branch for 04,08,16 Channel system		
NOTE: ALL ABOVE MENTIONED ITEMS ARE TO BE SUPPLIED AS PER SPECIFICATION GIVEN IN THE ABOVE TABLE AND INSTALLATION HAS TO BE COMPLETED AS PER REQUIREMENT OF EACH BRANCH.			

Seal

Date

Signature of the tenderer/Vendor

Appendix-V
Financial Bid

	<u>Appendix – V- Financial Bid</u>	8 CHANNEL STANDALONE DVR		16 CHANNEL STANDALONE DVR	
SN	TECHNICAL SPECIFICATION FOR 8&16 CHANNELS STANDALONE DVR		unit cost inclusive of all the applicable taxes, handling, delivery & installation charges		unit cost inclusive of all the applicable taxes, handling, delivery & installation charges
1	Operating System: Linux / Window XP / Embedded MCU.				
2	DVR should be system embedded with H.264 video compression algorithm.				
3	8 / 16 Channel DVR 200 / 400 fps - PAL.				
4	Simultaneous viewing, network, recording and Playback functions.				
5	Display on line resolution / Preview resolution 720*576 PAL				
6	Multiple Viewing Option (VGA/BNC).				
7	Video In- out / Loop out: 8/8 & 16/16				
8	Video Output: 1 composite, 1 S-Video, 1- VGA, 1 -Spot.				
9	Audio in / out: 8/1 & 16/1-2				
10	Recording Rate: PAL: Real Time (25 fps per channel), 4CIF - D1 with all Channels recording and playback both.				

11	System should be robust and capable of working in 24X7X365 environment.				
12	System should be scalable / upgradeable.				
13	Storage Media: Built in Recording up to 90 days in real Time (25 FPS per channel) mode for 8 & 16 Channel DVR (3 & 6 Terabytes respectively).				
14	Provision for minimum 4 SATA slots for 3 HDD + DVD – RW (each SATA slot should be of minimum 2 TB HDD capacities).				
15	Data storage for 90 days. Data recycling on FIFO basis.				
16	Network Interface: Ethernet (RG-45, 10/100 Base-Tx), External Model Vio RS-232 Port.				
17	Support Multi Zone Motion Detection.				
18	Support multilevel Pass Word For Operation, setup and remote Access.				
19	Support Waterproof marking to ensure tamper proof recording of images.				
20	Support tampering detection alarm function to indicate tempering of DVR / Cameras. Visual indication for local faults, disc full, malfunction etc.				
21	Support video signal loss alarm. System should do health check of all cameras.				
22	Support position configurable to OSD and LOGO.				
23	Support Real Time and Motion Based Recording.				
24	Support HDD Sleep Mode.				
25	Support FAT 32 File Systems.				
26	Support USB flash dish, USB DVD-RW for backup with built in DVD-RW.				

27	Support playback in various modes fast, slow ,pause, Forward, backward, frame-by-frame.				
28	Support TCP, UTP, RTP, PPPOE, Multicast, DHCP etc.				
29	Provision for ADSL, PSTN, Leased Line, Broad Band.				
30	Remote play back, Download the recorded files in DVR.				
31	Remote viewing through Mobile phones / and through any other PC with IP (RHMS).				
32	System should have file player software so that back up can be auto played on any PC Using Windows Media Player.				
33	Vender Should provide Central Monitoring Station (CMS) Software free of cost and this software should be compatible to CMS software of third party, as well. The system should be capable of running Remote Health Monitoring System.				
34	Power AC-100/240 V & 50 / 60 Hz.				
35	DVR housing with wall mounting bracket and tamper proof locking arrangement.				
36	System Should carry UL/FCC/CE certification.				
37	DVR housing with wall mounting bracket and tamper proof locking arrangement for 8/16 Channel in Rs-	8 CHANNEL STANDALONE DVR IN Rs-		16 CHANNEL STANDALONE DVR IN Rs-	
	TOTAL COST OF DVR PER SYSTEM				
II	TECHNICAL SPECIFICATION FOR CAMERAS			Unit Cost inclusive of Tax(Rate per unit)	
1	Camera Dome – With 1/3 inch colour CCD, Min. resolution 540 TV lines& 3.6 mm. lens of 0.35 Lux or better				

2	Camera IR – IR weatherproof Bullet Colour Camera with 1/3 inch colour CCD, Min 540 TV Lines, Min 24 LEDs & 6.0 mm Lens		
3	C Mount Camera – 1/3 inch CCD day and night Colour Camera, Resolution Min 540 TV lines Verifocal Lens 2.8 mm to 10 mm, 0.2 Lux Auto Lens AWB, BLC, AGC switch setting adjustable facility		
	Note: All Cameras Should carry UL/FCC/CE certification & are to be supplied with associated mounting bracket and housing		
III	TECHNICAL SPECIFICATION FOR MONITOR		Unit Cost inclusive of Taxes
1	LED 19 inch size, model LG/Samsung(Rate per unit)		
IV	TECHNICAL SPECIFICATION FOR CABLING		Unit Cost inclusive of Taxes
1	RG 6 video coaxial cable per meter(Rate per running meter) (Brand Polycab)		
2	Two core 14x36 power cable per meter(Rate per running meter) (Brand finolex)		
3	1"PVC conduit (BIS approved) - per meter-(Rate per running meter)		
4	Price per running meter of all the above stated three items		
V	AMC -CONDITIONS (COMPREHENSIVE AMC FOR 5 YEARS)	Cost inclusive of all taxes & charges (No separate charges for any kind of spare parts including Power supply, Mother Board, Hard disk ,DVR, PCB, Cameras will be paid)	Cost inclusive of all taxes & charges (No separate charges for any kind of spare parts including Power supply, Mother Board, Hard Disk, DVR, PCB, Cameras will be paid)

1	AMC Comprehensive (all the spare parts cost included, including power supply, Mother Board, Hard Disc, PCB, Complete DVR unit, Cameras etc.) during AMC period no separate charges for any kind of spare parts will be paid. AMC for the above configuration for five years and the rate quoted for one year per branch for 4/8/16 channel CCTV system. The AMC charges quoted by the vendor will also be applicable for the existing 04, 08, 16 Channel CCTV Systems installed at various Branches of Howrah Zone.				
VII	Mention Service Centres /Office in the District of Howrah/Purba midnapore.				
VIII	Incase of refurbishing & shifting Relocation charges per Branch for 04, 08, &16 Channel systems.				

NOTE: ALL ABOVE MENTIONED ITEMS ARE TO BE SUPPLIED AS PER SPECIFICATION GIVEN IN THE ABOVE TABLE AND INSTALLATION HAS TO BE COMPLETED AS PER REQUIREMENT OF EACH BRANCH.

Seal

Date

(Signature of the tenderer /Vendor)

	<u>Annexure - VI –Financial Bid</u>	4 CHANNEL STANDALONE DVR FOR ATM	
SN	TECHNICAL SPECIFICATION FOR 4 CHANNELS STANDALONE DVR		Unit cost inclusive of all the applicable taxes, handling, delivery & installation charges
1	Operating System: Window XP		
2	Video compression :- Embedded with H.264 Video compression algorithm		
3	No of video channel-4		
4	System features:-Simultaneous viewing, record, Playback, back up & Network.		
5	Display resolution:-BNC-704x576(PAL),704x480(NTSC)		
6	Frame rate:-100 fps(CIF)-PAL		
7	Video Input :- 4 Channel		
8	Video Output: 1 BNC.		
9	Storage:- Hard disc 90 days recording minimum		
10	Record:-Manual, alarm, Motion detection & Schedule.		
11	Support function:- Multi zone motion Detection, Multilevel password protection.		
12	Content control:- Water marking for authentic video footage		
13	Search:- date/Time, Logistic event ,channel.		
14	Back up:-USB/USB-DVD-RW		
15	Remote function:-Mobile view, Back up.		
16	Certification:-CE/FCC/UL/-Any two of three		
	DVR housing with wall mounting bracket and tamper proof locking arrangement for 4 Channel in Rs.-	4 CHANNEL CCTV system DVR IN Rs.-	
	TOTAL COST OF EACH CCTV SYSTEM		

	Camera type & Location	RATE QUOTED BY THE VENDOR	
1	Type:- Colour, Preferably C-mount, IR & Dome ,if required may be pin hole		
2	Number - 2 Minimum		
3	Location:- Camera should be installed in such a way that the camera view should not cover key pad		
	Camera Specification:-	RATE QUOTED BY THE VENDOR	
1	C-Mount camera:-1/3"CCD, in appropriate housing 0.1 Lux,540 TVL,3.5 m.m.		
2	Dome camera:- 1/3" HAD CCD, 0.1 Lux, 540 TVL, 3.6 mm wide angel lens.		
3	Pin hole camera:- 1/3" HAD CCD, in appropriate housing 0.1 Lux, 540 TVL, 3.7 mm wide angel lens.		
III	TECHNICAL SPECIFICATION FOR MONITOR	RATE QUOTED BY THE VENDOR	
1	LED 19 inch size (Rate per unit) (model LG/Samsung)		
IV	BUY BACK OF OLD CCTV SYSTEM ALONG WITH 4/8 CAMERAS & ACCESSORIES	RATE QUOTED BY THE VENDOR	
V	TECHNICAL SPECIFICATION FOR CABLING		
1	RG 6 video coaxial cable-per meter(Rate per running meter)		
2	Two core 14x36power cable per meter(Rate per running meter)		
3	1" PVC conduit (BIS approved) - per meter-(Rate per running meter)		
4	Price per running meter of all the above stated three items		

VI	AMC -CONDITIONS (COMPREHENSIVE AMC FOR 5 YEARS)		Cost inclusive of all taxes & charges (No separate charges for any kind of spare parts including Power supply, Mother Board, Hard disk, DVR, PCB, Cameras will be paid)
1	AMC Comprehensive (all the spare parts cost included, including power supply, Mother board, Hard disc, PCB, Complete DVR unit, Cameras etc.) during AMC period no separate charges for any kind of spare parts will be paid. AMC for the above configuration for five years and the rate quoted for one year for 4/8/16 channel CCTV system. The AMC charges quoted by the vendor will also be applicable for the existing 04, 08, 16 Channel CCTV Systems installed at various Branches of howrah Zone.		
	Mention Service Centers /Office in the District of Howrah/purba Minapore.		
	In case of refurbishing & shifting Relocation charges per Branch for 04, 08. 16 Channel system		
<p>NOTE: ALL ABOVE MENTIONED ITEMS ARE TO BE SUPPLIED AS PER SPECIFICATION GIVEN IN THE ABOVE TABLE AND INSTALLATION HAS TO BE COMPLETED AS PER REQUIREMENT OF EACH BRANCH.</p> <p>Seal</p> <p>Date</p> <p>Signature of the tenderer/Vendor</p>			