



Gramin Bank of Aryavart

Head office

A-2/46, Vijay Khand, Gomtinagar, Lucknow.

Bid Document

For

Supply, Installation, Commissioning and CAMC

of

CCTV

At

Various Branches / Offices of the Bank

HO/A&S/RZ//266 dated 30.08.2016

Invitation for tender offers

Gramin Bank of Aryavart is a leading Regional Rural Bank with **690** Branches and 14 administrative Offices geographically located in Uttar Pradesh with its **Head Office** at Lucknow and **Regional Offices** at **Hardoi, Unnao, Barabanki, Lucknow, Kannauj, Farrukhabad, Mainpuri, Agra, Aligarh, Etah, Firozabad and Hathras** and it caters to the banking needs of 15 Districts of Uttar Pradesh.

Gramin Bank of Aryavart invites sealed tender offers (technical offer and financial offer) from eligible, reputed manufacturers and/or their authorized dealers for supply, installation, commissioning of **CCTV systems**, and **CAMC** offer for the same in its Various Branches / Offices as and when required.

Direct manufacturers / authorized dealers / companies empanelled with **Bank of India or any other commercial Bank** and having good infrastructure will be given priority in selection of firms. Bank can engage more than one company simultaneously.

Instructions to the vendors about the Technical/ financial / **Comprehensive annual maintenance contract** offer are given in **Annexure I**.

Terms & Conditions of the AMC offer are given in **Annexure II**. Vendor will have to furnish unconditional compliance for all terms and conditions of AMC offer. **Please note that the vendors having franchise arrangement for maintenance & support cannot quote.**

Technical specification are given on Annexure IV (a, b, c) 3 pages. All vendors are required to quote rates strictly as per the specification or for a higher / improved version and full details must be mentioned keeping in view the specification.

A complete set of tender document may be obtained from Bank "s website i.e. www.aryavart-rrb.com.

Tenders complete in all respect are required to be submitted at the following address.

GRAMIN BANK OF ARYAVART
HEAD OFFICE
A – 2/46 VIJAY KHAND
GOMTINAGAR
LUCKNOW - 226010

The details are given below:

Date of availability of tender document from the Bank's website.	30.08.2016
Pre bid meet	05.09.2016
Last Date for down loading the tender document	15.09.2016
Last Date and Time for submission of tender Document	16.09.2016 up to 5.00 p.m.
Date and Time for opening of technical bid	17.09.2016 at 3.00 p.m.
Date and Time for opening of financial bid	Shall be informed to the qualified Firm after evaluation of Technical Bid
Address of Communication	Gramin Bank of Aryavart Head Office, A-2/46, Vijay Khand, Gomtinagar, Lucknow (U.P.) 226010
Website	www. Aryavart-rrb.com
Contact Telephone Numbers	Phone: 7388800788, 7388800600

Earnest Money Deposit of Rs. 25000.00 (Rs Twenty five thousand only) must accompany **with tender offers as specified in this tender document.** The earnest money deposit of all the unsuccessful bidders will be returned within a period of 30- days from the date of opening of the tenders. No interest will be paid on the EMD.

Terms and Conditions and various formats and proforma for submitting the tender offer are described in the tender document and its Annexure.

Pre Bib meet for any query, Format etc fixed as 05..09.2016 at 3.00PM Firms not participating in the pre bid meet will not be eligible for further quarries and later quarries for any change /modification will not be entertained.

DATE 21.02.2014

(Reyazuddin)
Senior Manager

SEAL OF BANK

ANNEXURE I

Instructions to vendors

1. Invitation Offer System

Only **vendors** who have obtained the offer document from Bank's website i.e. www.aryavart-rrb.com may submit their tenders. Other vendors and vendors having franchise arrangements should not quote.

Tenders must be submitted, **on before 16.09.2016 up to 5.00 P.M.**, giving full particulars in a **sealed envelope** at the Bank's address given below:

**The General Manager
Gramin Bank of Aryavart
A-2/46, Vijay Khand,
Gomtinagar, Lucknow**

All envelopes should be securely sealed and stamped. The unit rate / AMC amount for each item should be quoted. Any Quotation found to contain incomplete information is liable to be rejected outright.

All the envelopes (separate for technical & financial offer) must be super-scribed with the following information:

- Technical/Financial Offer for SUPPLY/ AMC of CCTV System
- Reference Number of Letter of Offer.....
- Due Date of Offer.....
- Name of Vendor.....

2. Eligibility of the Vendor

The Company must have **made profits in the last three financial years**, and should be in sound financial condition as judged by the Bank for this purpose. A copy of last three financial years' relevant audited balance sheets should be submitted with the technical offer.

The vendor should be doing business for at least five years in the same field. **The vendor should not have been appointed as consultant during the last one year in our Bank.**

The vendor must have dedicated resident engineer in at least 8 districts where our regional offices are existed.

All vender should have installed a minimum 300 Standalone DVR based CCTV System in PSU Banks in the last three years and at least 100 of such systems should have been installed in the last financial Year(01.04.2015 to 31.03.2016) .Supporting documents I,e copy of purchase order and satisfactory completion as well as

performance certificate from the respective Bank be submitted along with the technical Bid..

3. Earnest Money Deposit:

Vendors are required to submit a Demand Draft from a Nationalized Bank favouring " **GRAMIN BANK OF ARYAVART** " for Rs. 25000.00 (Rupees Twenty five thousand only) as Earnest Money Deposit (EMD) payable at Lucknow along with their technical offer. Offer made without EMD will be rejected. **No interest will be paid by the Bank on the Earnest Money Deposit** The earnest money deposit of all the unsuccessful bidders will be returned within a period of 30 - days from the date of opening of the financial offer.

Unconditional performance Bank's guarantee of 10% of the total estimated project cost (Installation + AMC amount) has to be given at the time when Bank demand. .

4. Quotations:

The vendor must ensure that all the items as specified in this offer are quoted for Unit-wise rates with one year warranty. The vendor must also ensure that the firm is in a position to undertake the work specified. **The evaluation of L1 vendor will be on the basis of unit price with two year warranty + three years Comprehensive annual maintenance contract**, other vendors will be required to match the rates offered by L1 vendor, in case Bank needs more than one vendor for valid reasons. The Bank reserves the right to appoint more than one vendor. It also reserves right to reject one or all vendors. The decision of the Bank in this regard will be final and binding.

5. Non-transferable Offer

This Offer document is not transferable. **Only the Direct manufacturers / authorized dealers / companies, who have obtained this offer, document from Bank "s website i.e. www.aryavart-rrb.com, are entitled to quote. Letter of authorization from OEM is required as per attached format.**

Validity of Offer

The offer should be valid for a minimum period of 180 days from the date of opening of financial bid.

6 Address of Communication

Any communication in this regard should be made to the following office:

**The General Manager
Gramin Bank of Aryavart
A-2/46, Vijay Khand,
Gomtinagar, Lucknow - 226010**

7 Modification and Withdrawal of Offers

The Bank has a right to modify / alter the Offer and the terms thereon, before the closure of the Offer, the vendor may modify or withdraw it's offer after its submission, provided that written notice of the modification or withdrawal is received by the Bank prior to the closing

date and time prescribed for submission of offers. No offer can be modified by the vendor, subsequent to the closing date and time for submission of offers.

9. Opening of Offers

Offers received within the prescribed closing date and time, will be opened by Bank's Committee appointed for the same.

10. Preliminary Scrutiny

The Bank will scrutinize the offers to determine whether they are complete, whether any errors have been made, whether the documents have been properly signed and whether items are quoted as specified. The Bank may, at its discretion, waive any minor non-conformity or any minor irregularity in an offer. This shall be binding on all vendors and the Bank reserves the right for such waivers.

11. Clarification of Offers

To assist in the scrutiny, evaluation and comparison of offers, the Bank may, at its discretion, ask some or all vendors for clarification of their offer. The request for such clarifications and the response will necessarily be in writing. The Bank has the right to disqualify the vendor whose clarification is found not suitable to the Bank.

12. No Commitment to Accept Lowest or Any Other Offer

The Bank shall be under no obligation to accept the lowest or any other offer received in response to this offer notice and shall be entitled to reject any or all offers including those received late or incomplete offers without assigning any reason whatsoever. The Bank reserves the right to make any changes in the terms and conditions of contract. The Bank will not be obliged to meet and have discussions with any vendor and/or to listen to any representations.

13. Make and Models of the equipment

The details of the equipments are mentioned in the respective **Annexures**. The brief details given about the configuration are only indicative. A vendor must quote unit rate for each item.

14. Details of Spread

Offices / Branches are in Uttar Pradesh and spread over in districts namely -

1. Hardoi 2.Unnao 3.Barabanki 4.Kannauj 5.Farrukhabad 6.Lucknow, 7. Faizabad. 8. Mainpuri 9. Firozabad 10. Agra 11. Etah12.Kasganj 13 Hathras 14 Mathura 15. Aligarh .Any other district may also be added subsequently.

15. Format for Offer

The offer must be submitted in formats as per Annexure III V (A)&V (B)

15. Erasures or Alterations

The offers containing erasures or alterations will not be considered. There should be no corrections or alterations in the offer. The Bank may treat offers not adhering to these guidelines as unacceptable.

16. Costs & Currency

The offer must be made in Indian Rupees only and should include all the taxes and levies, charges i.e. FOR at Branches.

17. No Negotiation

It is absolutely essential for the vendors to quote the ***lowest price*** at the time of making the offer in their own interest, as the Bank will not enter into **any price negotiations**.

18. Technical Support Staff

The vendor will be required to station at site, at least one maintenance staff / Engineer on full time basis for a bunch of 50 CCTV systems approximately.

19. Price Variations and Supply of Spares

The price quoted by the vendor should be valid for a minimum period of 180 days. The vendor must give an undertaking along with the quotes that he gives service commitment along with availability of spares for a minimum period of FIVE year (2 year warranty and three years Comprehensive annual maintenance contract).

20. COMPARAHENSIVE ANNUAL MAINTENANCE CONTRACT:

The vendor should quote separately for Comprehensive annual maintenance contract (Post Warranty) rate. The quoted Comprehensive annual maintenance contract rate should be applicable for all working days with a response time of 24 hours plus journey time from the nearest service centre to the place of installation. However, it will be solely at the discretion of the Bank whether to give Comprehensive annual maintenance contract to the Vendor or to a 3rd Party. The Terms & Conditions of the AMC offer are given in Annexure II.

Terms and Conditions of the Comprehensive annual maintenance contract Offer.

1. SCOPE:

- 1.1 Company will supply only CE/FCC/VL certified cctv products and wire etc must be ISI marked .CAMC will include replacement of spare, fitting wires installation and all the necessary work whenever required as early as possible & within the time limit.
- 1.2 The warranty of machine is to Two year and the **Comprehensive annual maintenance contract** will be for three year.
- 1.3 Rates approved will be valid for one year and it will be binding on company to supply/replace/repair the products on contracted rates.
- 1.4 Payment for CCTV system will be made by the Bank's Head office after satisfactory installation report from the Branch and recommendation from the concerned Regional Manager.
- 1.5 No advance payment will be made for any work.
- 1.6 Besides routine visits (once in three months), branches can call the company for any related problem/work as & when required.
- 1.7 Bank reserves the right to terminate/cancel the contract at any stage if the services of company are not found as per the agreed terms & conditions or otherwise.
- 1.8 In case of any complaint, company must visit the concerned branch within 24 hours plus journey time from the nearest service centre.
- 1.9 Company should have proper communication system and the complaints from branches should be attended immediately and a complaint number should be given. Phone numbers are to be provided by the firm.
- 1.10 Changes in the terms & condition can only be made with written agreement between the Bank and the company.
- 1.11 Company should provide the copies of Trade Tax / VAT/ Service Tax registration and must have Government permission to run this business.

2. DAYS OF SERVICE:

- 2.1 The provision, by the vendor, of maintenance service will be confined to the Banks normal working days.
- 2.2 No work will be undertaken on Sundays and holidays except by prior arrangement.

3. DURATION OF CONTRACT:

- 3.1 The contract shall initially be valid for a period of Two year warranty + three years Comprehensive annual maintenance contract and may be extended for further period depending on satisfactory service.
- 3.2 Upon expiry of the period of contract (two year warranty + three years Comprehensive annual maintenance contract), the same may be renewed for a further period of 12 months and upon such terms and conditions as may be mutually acceptable to the Bank and the Vendor, and also subject to the Para 3.3 mentioned hereunder.
- 3.3 If the vendor desires to renew the period of existing contract, he shall express his desire to renew the contract, by giving two months prior notice before the expiry of the contract.

4. CARE OF THE EQUIPMENT:

- 4.1 The Bank shall give the vendor full access to the equipments to enable the vendor to provide comprehensive maintenance service.
- 4.2 The vendor shall ensure that the Systems being maintained are kept in proper working conditions all the time.

5. PAYMENT OF CHARGES:

- 5.1 All payments of Comprehensive annual maintenance contract will be made by Head Office on half yearly basis after the completion of the period of work and the satisfactory performance report from branches & Regional offices.,
- 5.2 No penalty or interest etc, shall be payable by the Bank for any overdue maintenance charges.
- 5.3 The vendor shall draw invoices for payment on the Head Office.
- 5.4 Comprehensive annual maintenance contract payable by the Bank will be inclusive of all duties, taxes etc.
- 5.5 Vendors are required to send notice for the CAMC and submit bill for every six month.

6. ASSIGNMENT:

All rights, liabilities and obligations are non-transferable and any transfer/assignment of the same can be done only mutually.

7. TERMINATION:

The bank may terminate the contract by giving 30 days notice. Maintenance charges payable, shall be proportionately reduced for the remaining period and Bank will be obliged to pay only for the actual period for which the vendor has provided the maintenance service.

8. GENERAL:

The vendor shall be required to sign an Agreement as per Bank's Standard Format incorporating various terms & conditions for CAMC.

Checklist

(This checklist to be enclosed with Technical Bid at the top of the documents)

Vendors are requested to check and submit their bids in the following order:

A) Technical Offer (Cover No.1)

1. Technical offer Form (ANNEXURE- III)
2. Details of previous work orders & empanelment letters etc.(Photocopies)
3. Copy of Registration for VAT/Service Tax.
4. Copy of PAN and Income Tax Return/Clearance certificate.
5. Earnest Money Deposit i.e. **Rs. 25000.00** (DD).
6. Solvency Certificate issued by Banker.
7. Copies of Audited Balance Sheet for last three years.
8. Information brochures & leaflets etc. for the quoted items.
9. Instructions to Vendors (ANNEXURE- I).
10. Terms & Conditions of CAMC offer (ANNEXURE- II).
- 11- List of Service centre as per Annexure –VI.
- 12- MAF as per Bank's format .

B) Financial Offer (Cover No.2)

1. Financial Bid as per ANNEXURE- V(A) & V(B) (Whichever is applicable)

Vendors are advised to sign & stamp all the pages of the bid.

Note: Both the **Cover No.1 & 2** mentioning **Technical Offer & Financial Offer** should be properly sealed and kept in one big sealed cover superscribed as Bid for **"Supply, installation of CCTV System "**



GRAMIN BANK OF ARYAVART

FORMAT FOR TECHNICAL BID

Supply and Installation of CCTV System.

Sr.	Particulars	Description
1	Name of the Firm/Company with Address and Telephone Nos. Year of establishment /MDs/Directors	
2	Name of the Proprietor with Telephone Nos. (Office, Residence and Mobile)	
3	Local Office Address with Telephone Nos. List of service centres at different places with phone no	
4	Solvency Certificate : (minimum of 50 lac) Issued by : Bank name Date of Issue : Amt. of Solvency Certificate :	
5	The firm should have experience of successfully undertaken similar work for various Banks /Government Department/RBI in India and should also be satisfactory with the BANK in its assignments , if any .The firm must have an experience of having supplied CCTV Systems to the Government Departments or Public Sector Banks in the last 5 years A)Three similar completed works costing not less than t Rs 40 Lac b) Two similar completed works costing not less than Rs 50 Lac c) One similar completed works costing not less than Rs 80 lac.	
6	Are you in the panel of approved vendors/contractors of R.B.I./Govt./Semi-Govt./PSUs/Financial Institutions/Banks' etc.; if so: give name of the organizations, year from which you are in the approved panel etc. Empanelled with Bank of India or with any other Commercial Bank for last five years. (Please enclose the latest empanelment letter.)	Yes/No

7	Give name and address of two responsible persons in the organizations/institution etc. for whom you had undertaken the above works and who will certify that the work entrusted to you by them had been successfully completed to their satisfaction as per their terms of contract.	Yes/No
8	PAN No. (Please enclose proof)	
9	Sales/Trade Tax No. (Please enclose copy of regn. cert.)	
10	Service Tax Reg. No. (Please enclose copy of regn. cert.)	
11	Whether any member of the staff of the Bank is related to your proprietor, partner, director. If yes, name/names of the employee with relationship, working since when, position held, and present place of posting to be furnished.	
12	Furnish the Audited balance sheet for the last three years i.e. 2013 -14, 2014 -15 , 2015 -16 (Annual Turnover must not be less than 5 crores for every year for the last FYs ie 2013 -14, 2014 -15 , 2015 -16	
13	Profit for the last three years i.e. 2013 -14, 2014 -15 , 2015-16	
14	Bankers detail	

Note: The above information must be supported by documentary proof/photo copies, Wherever required (Attested by a Chartered Accountant/Notary Public.)

Enclosures:-

1. EMD DD No..... Dated..... for Rs 25000.00 in favour of "Gramin Bank of Aryavart ' Payable at LUCKNOW.

2. (Other documents)

- 3.
- 4.
- 5.

Signature of Vendor/Authorised Signatory of the Firm with seal

Stamp

Date:

Place:

Details of Previous Work order

Sr	Name of Client with address & Telephone Nos.	No of CCTV systems supplied	Period of Supply	Value
1				
2				
3				
4				
5				
6				

Note:

- 1 Details should be provided in proforma only.
- 2 If space is found to be insufficient, then use additional sheet but format should be same.
- 3 Photocopy of abovementioned work orders must be enclosed.

DECLARATION:

- 1 I/We hereby certify that the information given by me/us in your prescribed Proforma are true and hereby undertake that if the information is found to be false at a later date, the contract if any, made between ourselves and Gramin Bank of Aryavart, will be treated as invalid and Bank shall be at liberty to take appropriate action as deemed fit against us and claim damages.
- 2 Bank is authorised to verify all the information provided by us.
- 3 Originals of all supporting documents shall be provided by us in authenticity of the information furnished, whenever called upon us by the Bank.
- 4 We undertake to abide by the general terms and conditions of the Bank with regard to guarantee/warranty of materials/workmanship/security deposit etc., in case the work contract is awarded in our favour.

Stamp

Signature of Vendor/Authorised Signatory of the Firm with seal.

Date:

Name :

Place:

Designation:.....

Technical Specification HIKVISION/**4 CHANNEL DVR STANDALONE (TRIBRD SYSTEMS (**

S.NO.	DVR STANDALONE	SPACIFICATIONS
1	Number of Video channels	4 channel
2	Operating system	Embedded Linux
3	User interface	GUI,Mouse supported
4	Video Compression	Embedded with H.264 Video Compression
5	Video frame speed / frame rate	120 fps –NTSC , 100fps - PAL
6	Video input	4 channels (30 fps per channel – NTSC,25 fps per channel - PAL
7	Recording Resolution	1 Mega pixel on all channels (25 FPS PAL / 30 FPS NTSE per channel)
8	Video output	1 Composite , 1 VGA,1HDM,1SPOTI
9	Video display (division)	1,4
10	Audio in / out	1 channel RCA /1 channel RCA
11	Recording Mode	Continuous , manual , scheduled , motion detection alarm
12	Data storage capacity	Minimum 4 Sata slots
13	Recording duration	120 days minimum
14	Backup for video	HDD,DVD+/-RW,USB flash memory stick,USB pen drive
15	Remote viewing	TCP/IP enabled or client software
16	PTZ camera	Support
17	DVR operation	Live, record, playback, backup, program &remote viewing at the same time.
18	Motion detection	Detecting zones, multi level of sensitivity.
19	System functions	Date and time stamping (watermark)
20	System reliability	Shut down detection , auto recovery after power restoration.
21	Alarm	Support
22	Communication port	RS 232 , RS 485, Network port RJ – 45 (Ethernet)
23	Other functions	Panic recording, firmware upgrade, advanced search.
24	ATM/POS	Support
25	Connectors	Min 2 USB ports – version 2.0 or above
26	Language support	English compulsory.
27	Working condition 24*7	Support
28	Product warranty	As offered
29	Certification	UL/CE/FCE
30	Make (any one of the spacificed)	Hikvision / Dahua /Honeywell /Samsung / LG /Godrej/Secura

8 CHANNEL DVR STANDALONE(TRIBRID SYSTEMS

S.NO.	DVR STANDALONE	SPACIFICATIONS
1	Number of Video channels	8 channel
2	Operating system	Embedded Linux
3	User interface	GUI,Mouse supported
4	Video Compression	Embedded with H.264 Video Compression
5	Video frame speed / frame rate	240 fps –NTSC , 200 fps - PAL
6	Video input	8 channels (30 fps per channel – NTSC,25 fps per channel – PAL)
7	Recording Resolution	1 MEGA PIXEL on all channels (25 FPS PAL / 30 FPS NTSE per channel)
8	Video output	1 Composite , 1 VGA,1HDM,1SPOTI
9	Video display (division)	1,4,6,8
10	Audio	Support
11	Recording Mode	Continuous , manual , scheduled , motion detection alarm
12	Data storage capacity	Minimum slots of 8 HDD.
13	Recording duration	120 days minimum
14	Backup for video	HDD,DVD+/-RW,USB flash memory stick,USB pen drive
15	Remote viewing	TCP/IP enabled or client software
16	PTZ camera	Yes
17	DVR operation	Live, record, playback, backup, program &remote viewing at the same time.
18	Motion detection	Detecting zones, multi level of sensitivity.
19	System functions	Date and time stamping (watermark)
20	System reliability	Shut down detection, auto recovery after power is re – connected.
21	Alarm	Support
22	Communication port	RS 232 , RS 485, Network port RJ – 45 (Ethernet)
23	Other functions	Panic recording, firmware upgrade, advanced search.
24	ATM/POS	Support
25	Connectors	Min 2 USB ports – version 2.0 or higher backward compatible with version 1.
26	Language support	English compulsory.
27	Working condition 24*7	Support
28	Product warranty	As offered
29	Certification	UL/CE/FCE
30	Make (any one of the specified)	Hikvision / Dahua /Honeywell/Samsung / LG/Godrej/Secura

WIDE DYNAMIC RANGE

S.NO.	BULLET IR CAMERA WITH WDR	SPECIFICATIONS
1	Image sensor	1/3"super HAD CCD OR 1/2"Super CMOS Sensor
2	Effective pixels	752 (H)*494(V) or more
3	Horizontal resolutions	1 Mega Pixel or Higher
4	Signal /noise ratio	52 dB or more (AGC off)
5	Minimum illumination	0.1 lux @ F 1.2
6	Video output	1Vp-p,75 ohm, composite
7	Shutter speed range	1/50 – 1/100,000 sec
8	Scanning system	2:1 interface
9	White balance	Auto white balance
10	Backlight compensation	Built in auto
11	WDR function	Built in auto
12	Power input	12 V DC / 24 V DC
13	Mount	Ceiling /wall mountable base.
14	Camera use	Internal area of branch
15	Night vision	Not applicable
16	Auto Iris lens	3.5 – 8 mm
17	Sync system	Internal
18	Product warranty	As offered
19	Certification	UL/CE/FCC
20	Required make (any one of the spacificed)	Samsung /LG /Honeywell /Dahua/Hikvion/Godrej/Secura

IR COLOURDOME CAMERA

S.NO.	IR COLOUR CAMERA	SPACIFICATIONS
1	Image sensor	1/3"super HAD CCD SONYOR 1/2"Super CMOs Sensor
2	Effective pixels	752 (H)*582(V)
3	Recording & playback	30/25 fps for NTSC/PAL respectively.
4	Horizontal resolution	1.0 Mega Pixel or higher.
5	Signal/noise ratio	52 Db or more
6	Minimum illumination	0.15 lux colour normal light ,0.0 Lux B/W with IR LED switched on.
7	Video output	1Vp-p,75 ohm, composite
8	Lens focal length varifocal	2.8 - 10 mm , with IR correction.
9	Shutter speed range	1/50 – 1/100,000 sec
10	White balance	Auto .
11	Backlight compensation	On /Off switch
12	Power input	12 V DC / 24 V DC auto detectable.
13	IP rating (ingress protection)	IP 65 /IP 66
14	Iris	Auto Iris
15	Mount	Ceiling /wall mountable base
16	Housing	ABS plastic- suited for indoors
17	Camera use	Main door /gate/strong room entrance.
18	Night vision	Integrated IR LED
19	Sync system	Internal
20	AGC (Automatic gain control)	ON/OFF selectable
21	Certification	UL/CE/FCC
22	Scanning system	2:1 interface
23	Day / Night	Digital
24	Integral /built – in IR LED illuminator (non Add – on /strap –on)	Range – minimum 25 mtrs.
25	Required make (any one of the specified)	Samsung /LG/Honeywell/DAHUA/HIKRISION/GODREJ/SECURA

Annexure – IV (c)

S.NO	ITEM NAME	SPACIFICATION
A	SURVELLANCE HARD DISC (HDD)	Seagate Sv.35 / western digital (WD)
	capacity	6TB for 4 channel ,12 TB for 8 channel
B	MONITOR	LCD / LED
	Screen size	20" – " diagonal LCD with HDMI port
	Make	Samsung / LG /Philips()
	Video	PAL color composite
	resolution	1280*1024/1368*720 pixels @60 – 85 Hz refresh rate , true colour (32 Bit)
	Power input	90 – 260 VAC or 12 V DC
	Viewing angle	140 degree H , 130 degree V
	Power consumption	Not exceeding 40 Watts.
C	CABLE - VIDEO	
	Category	Coaxial RG 59 / RG 6
	Type	Unarmored FRLS
	Capacitance	53 +/-3 Ohms .

	DC resistance inner conductor	8.5Ohms / KM
	Di – electric strength	10 KVA AC mains
	Di – electric material	Polythene (PE), 7.1 mm dia
	Insulation resistance	50 M Ohms /KM
	Nominal impedance	75 Ohms
	Minimum bending radius	55 mm
	Acceptable quality	Make – polycab /RR Kabels
D	CABLE POWER	Unarmored
	Category	2 core power cable , FRLS (Fire resistance low smoke)
	Type	2 core 1.5 sq.mm
	Acceptable quality	ISI Marked (IS – 694,1990),Make Finolex /polycab
	Insulation	PVC Insulated
E	PVC CONDUITS FOR CABLING	
	Specifications	20 mm dia
	Acceptable quality	ISI Marked, Make – precision or equivalent.
	Grade	Medium
F	6U RACK (WALL MOUNT)	Dimension : 630 mmx500mm depth Power strip: 6 socket power supply :1 number Equipment mounting tray: 1 number Mounting screws & studs: 1 pack Transparent front door with lock Fan tray with 2 fans Provision for cable routing at the bottom of rack

ANNEXURE -VI

List of Service Centre

SNo	Address of service centre	Contact Person name andNumber
1		
2		
3		
4		
5		
6		
7		
8		



Gramin Bank of Gramin Bank

Head office

A-2/46, Vijay Khand, Gomtinagar, Lucknow

MANUFACTURER'S AUTHORISATION FORM (TO BE ON THE LETTER HEAD)
NO----- DATED ;

The General Manager
Gramin Bank of Aryavart
A-2/46 Vijay Khand Gomti nagar
Lucknow-260010

Sub-Letter of Autoririsation to bid for Supply ,installation.commissioning and maintenance of CCTV ` Systems for Branches.

Tender Ref----- dated -----we-----who are established and reputable manufacturers of CCTV Solutions having factories at ----- do hereby authorize M/S ----- to offer and sell -----make CCTV Solution s.

We hereby undertake to extend our full guarantee & warranty for two years and availability of spares for at least five years as per terms and conditions of the tender and services offered against this invitation by the above firm /company .We also confirm that back to back spare & skill arrangement has been made with M/S -----for providing support services to Gramin Bank of Aryavart under this contract.

Also ,the Mr /Ms - -----(with complete address Phone no Email ID) of our Company may be contacted for any assistance on the same.

Yours faithfully,

(Authorised Signatory)
Stamp

(Name)
Designation

Note Autorisation of OEM for all the equipments Viz DVR cameras & Monitor offered for which the Bidder is not an OEM should be attached separately.