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| TENDER ID | AHM201909002 |
| DATE | 19.09.2019 |

SBI Infra Management Solutions Pvt. Ltd.
(A wholly owned subsidiary SBI)

SBIIMS, Circle Office, Ahmedabad invites e-tenders followed by e-reverse auction on behalf of SBI from SBI, Ahmedabad empanelled vendors for Supply, Installation, Testing, Commissioning, Certification and Maintenance of IP and NVR based CCTV system at SBI, LHO, Bhadra, Laldarwaja, Ahmedabad premises for covering internal and external periphery security.

PART – A: TECHNICAL BID

TENDER SUBMITTED BY:

NAME : _____

ADDRESS : _____

GSTN : _____

DATE : _____



NOTICE INVITING TENDERS

SBIIMS, Circle Office, Ahmedabad invites tenders on behalf of SBI from SBI, Ahmedabad empanelled vendors to participate in e-tender followed by e-reverse auction for Supply, Installation, Testing, Commissioning, Certification and Maintenance of IP and NVR based CCTV system at SBI, LHO, Bhadra, Laldarwaja, Ahmedabad premises for covering internal and external periphery security.

The details of tender are as under:

| S.No. | Description | |
|-------|---|---|
| 1. | Name of work | SBIIMS, Circle Office, Ahmedabad invites e-tenders followed by e-reverse auction on behalf of SBI from SBI, Ahmedabad empanelled vendors to participate in e-reverse auction for Supply, Installation, Testing, Commissioning, Certification and Maintenance of IP and NVR based CCTV system at SBI, LHO, Bhadra, Laldarwaja, Ahmedabad premises for covering internal and external periphery security. |
| 2. | Nature of Work | SITC and maintenance of IP and NVR based CCTV system for covering internal and external periphery security of SBI, LHO, Ahmedabad premises. |
| 3. | Time allowed for completion | (15 days) Fifteen days from date of acceptance of work order. |
| 4. | Tender Processing Fees (Non refundable) | Rs. 3,000/- (Rupees. Three Thousand Only) non-refundable to be deposited online by using SBI Internet Banking web-site www.onlinesbi.com (Detailed flow chart about how to pay tender fees online mentioned below). |
| 5. | Earnest Money Deposit | Rs.33,000/- (Thirty Three Thousand only) by means of Demand Draft / Pay Order issued by any Scheduled/ Nationalized Bank drawn in favour of SBI Infra Management Solutions Pvt. Ltd. payable at Ahmedabad. |
| 6. | Initial Security Deposit | 2% of contract amount including EMD |
| 7. | Total Security deposit | Interest free TSD of 5% of the final bill amount including ISD. |



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| 8. | Start and end date for downloading of tender documents from Bank's website | 19.09.2019 to 30.09.2019 from www.sbi.co.in under<Link>procurement news. |
| 9. | Last date & time for submission of technical bid, EMD and tender processing fees receipt in sealed cover-superscribing " Tender for Supply, Installation, Testing, Commissioning, Certification and Maintenance of IP and NVR based CCTV system at SBI, LHO, Bhadra, Laldarwaja, Ahmedabad premises for covering internal and external periphery security | 30/09/2019 by 3.00 PM |
| 10. | Address at which sealed tender documents to be submitted | The Circle Head & VP (Civil), SBIIMS, Circle Office, SBI, 3 rd Floor, Laldarwaja, Ahmedabad-1 |
| 11. | Date and time of opening of technical bid at SBIIMS, Circle Office address mentioned at Sr. No.10 | 30/09/2019 at 3:30 PM |
| 12. | Date & time for Submission of online indicative price bid. | Date and time for submission of online indicative price bid will be informed to the shortlisted vendors after scrutiny of the technical bid. |
| 13. | Date & time for opening of online indicative price bid. | Date and time for opening of online indicative price bid will be informed to those vendors who will participate in the online indicative price bid. |
| 14. | Date & time for e-reverse auction | Date and time for e-reverse auction will be informed to those vendors who will participate in the online indicative price bid. |
| 15. | Liquidated Damages | 0.50% of contract amount per weeks subject to max. 5% of contract value or final bill value. |
| 16. | Defects liability period | 12 Months from the date of Virtual Completion |
| 17. | Validity of offer | 90 days from the date of opening of Price-bid |
| 18. | Value of Interim Certificate | No interim payment will be made by the SBI. |
| 19. | Insurance | The contractor shall obtain all necessary insurance policies as per the law applicable at the centre & shall be required to produce the original policies and receipt of the premium applicable in the matter to the SBIIMS. |



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| 20. | Water & electricity | Water & Electricity shall be provided by the Bank at one point. However further distribution & extension & light fixture etc. with required MCB switches, switch boards, lamps, tube, etc. shall be arranged by the contractor at their own cost within the accepted tender cost. Bank will recover 0.5% of final bill amount consumption of water & electricity. |
| 21 | Pre-bid meeting | 24.09.2019 at 3:00 pm at SBIIMS, Circle Office, Ahmedabad |

21. The contractor shall submit the tender in a sealed cover containing below mentioned documents.

- a. Forwarding letter.
- b. NIT cum draft tender stamped and signed on each paper.
- c. Un priced bid stamped and signed on each paper.
- d. Set of all drawings stamped and signed.
- e. Online non refundable payment receipt for tender processing of Rs. 3,000/- (Rupees Three Thousand only).
- f. EMD of Rs.33,000/- (Thirty Three Thousand only) in the form of Demand Draft / Pay Order issued by any Scheduled/ Nationalized Bank drawn in favour of **SBI Infra Management Solutions Pvt Ltd payable at Ahmedabad..**

Part B- Financial bid: Indicative price bid and e-reverse auction will be conducted online by the Bank's empanelled agency.

Tenders can be downloaded from the bank's website www.sbi.co.in (link) <Procurement News>. It shall be responsibility of the contractor to arrange and ensure that all pages of technical and financial bid are properly bound separately. Tenders in loose pages may be disqualified.

22. The contractor shall sign and stamp each page of the tender document thereby ensuring the number and sequence of all pages.
23. No conditions other than mentioned in the tender will be considered, and if given they will have to be withdrawn before opening of the price-bid.
24. The SBIIMS reserve their rights to accept or reject any or all the tenders, either in whole or in part without assigning any reason for doing so and any claim / correspondence shall be entertained in this regard.
25. Tenders received without EMD and Tender processing Fees shall be summarily rejected and such tenders shall not be allowed to participate in the online price bidding process.
26. In case the date of opening of tenders is declared as a holiday, the tenders will be



opened on the next working day at the same time.

27. SBIIMS has the right to accept / reject any / all tenders without assigning any reasons and no correspondence shall be entertained in this regard.

Yours Faithfully,

CH & VP (Civil)



HOW TO MAKE ONLINE TENDER PROCESSING FEES

Go to SBI Internet Banking web site-<https://www.onlinesbi.com/>



Select SB Collect from Top Menu



Click Check box to Proceed



Select "All India " in state Corporate/Institution and "Commercial Services" in type of Corporate / Institution after that click go



Select " SBI INFRA MANAGEMENT SOLUTIONS PVT. LTD." IN Commercial Services Name and Submit



Select "Tender Application Fee" in Payment category and Enter "Tender ID " and Submit



The Vendor will have to fill up the fields properly and submit upon making the payment a receipt will be generated with a reference no. on submit. The contractor has to enclose the online application payment receipt along with tender.



SAMPLE BUISNESS RULE DOCUMENT

Online e-tendering for proposed Supply, Installation, Testing, Commissioning, Certification and Maintenance of IP and NVR based CCTV system at SBI, LHO, Bhadra, Laldarwaja, Ahmedabad premises for covering internal and external periphery security.

Business rules for E-tendering:

1. Only State Bank of India, Ahmedabad empanelled vendors for the captioned work are eligible to participate.
2. SBIIMS will engage the services of an E-tendering service provider who will provide necessary training and assistance before commencement of online bidding on Internet.
3. In case of e-tendering, SBIIMS will inform the vendor in writing, the details of service provider to enable them to contact and get trained.
4. Business rules like event date, closing and opening time etc. also will be communicated through service provider for compliance.
5. Contractors have to send by email, the compliance form in the prescribed format (provided by service provider), before start of E-tendering. Without this the vendor will not be eligible to participate in the event.
6. The Contractors will be required to submit the various documents in sealed Envelope to the office of SBI at the address mentioned hereinbefore by the stipulated date i.e. (1) Hard Copy of Technical Bid duly signed and stamped on each page (2) Demand Draft of specified amount of EMD (3) Receipt of online tender processing fees. Contractors not submitting any one or more documents shall not be eligible to participate in the on-line price bidding.
7. E-tendering will be conducted on schedule date & time.
8. **The e-tendering will be treated as closed only when the bidding process gets closed in all respects for the item listed in the tender.**

(B) Terms & conditions of E-tendering:

SBIIMS shall finalize the Tender through e-tendering mode for which **M/s. e-Procurement Technology, Ahmedabad** has been engaged by SBIIMS as an authorized service provider. Please go through the guidelines given below and submit your acceptance to the same along with your Commercial Bid.

1. E-tendering shall be conducted by SBIIMS through **M/s. e-Procurement Technology, Ahmedabad.**, on pre-specified date. While the Contractors shall be quoting from their own offices / place of their choice, Internet connectivity and other paraphernalia requirements shall have to be ensured by Contractors themselves. In the event of failure of their Internet connectivity, (due to any reason whatsoever it may be) it is the bidders' responsibility.

In order to ward-off such contingent situation bidders are requested to make all the necessary arrangements / alternatives such as back-up power supply whatever required so that they are



able to circumvent such situation and still be able to participate in the E-tendering successfully. Failure of power at the premises of Contractors during the E-tendering can not be the cause for not participating in the E-tendering. On account of this the time for the E-tendering can not be extended and SBIIMS is not responsible for such eventualities.

2. M/s. **e-Procurement Technology, Ahmedabad.**, shall arrange to train your nominated person(s), without any cost to you. They shall also explain you all the Rules related to the E-tendering. You are required to give your compliance on it before start of bid process.
3. BIDDING CURRENCY AND UNIT OF MEASUREMENT: Bidding will be conducted in Indian currency & Unit of Measurement will be displayed in Online E-tendering.
4. BID PRICE: The Bidder has to quote the rate as per the Tender Document provided by SBIIMS their appointed Architects.
5. VALIDITY OF BIDS: The Bid price shall be firm for a period specified in the tender document and shall not be subjected to any change whatsoever.
6. Procedure of E-tendering:

i. **Online E-tendering:**

- (a) The hard copy of the Technical as well as Price Bid is available On the Bank's website during the period specified in the NIT.
 - (b) Online e-tendering is open to the empanelled bidders who receive NIT from the Architect and qualified for participating in the price bidding as provisions mentioned hereinabove through SBIIMS approved Service Provider.
 - (c) The Price-Bid shall be made available online by the Service Provider wherein the contractors will be required to fill-in their Item-wise rates for each item.
 - (d) The Contractors are advised not to wait till the last minute to submit their online item-wise quote in the price bid to avoid complications related with internet connectivity, network problems, system crash down, power failure, etc.
 - (e) It is mandatory to all the bidders participating in the price bid to quote their rates for each and every item.
 - (f) In case, contractor fails to quote their rates for any one or more tender items, their tender shall be treated as **"Incomplete Tender"** and shall be liable for rejection.
7. LOG IN NAME & PASSWORD: Each Bidder is assigned a Unique User Name & Password by M/s. **e-Procurement Technology, Ahmedabad.** The Bidders are



requested to change the Password after the receipt of initial Password from M/s. **e-Procurement Technology, Ahmedabad**. All bids made from the Login ID given to the bidder will be deemed to have been made by the bidder.

8. BIDS PLACED BY BIDDER: Bids will be taken as an offer to execute the work as specified. Bids once made, cannot be cancelled / withdrawn and the Bidder shall be bound to execute the work at the quoted bid price. In case the L-1 Bidder backs out or fail to complete the work as per the rates quoted, SBIIMS shall at liberty to take action as deemed necessary including de-paneling such contractors and forfeiting their EMD.
9. At the end of the E-tendering, SBIIMS will decide up on the winner. SBIIMS decision on award of Contract shall be final and binding on all the Bidders.
10. SBIIMS shall be at liberty to cancel the E-tendering process/tender at any time, before ordering, without assigning any reason.
11. SBIIMS shall not have any liability to bidders for any interruption or delay in access to the site irrespective of the cause.
12. Other terms and conditions shall be as per your techno-commercial offers and other correspondences till date.

13. OTHER TERMS & CONDITIONS:

- The Bidder shall not involve himself or any of his representatives in Price manipulation of any kind directly or indirectly by communicating with other suppliers/ bidders.
- The Bidder shall not divulge either his Bids or any other exclusive details of SBIIMS to any other party.
- SBIIMS decision on award of Contract shall be final and binding on all the Bidders.
- SBIIMS reserve their rights to extend, reschedule or cancel any E-tendering within its sole discretion.
- SBIIMS or its authorized service provider M/s. **e-Procurement Technology, Ahmedabad** shall not have any liability to Bidders for any interruption or delay in access to the site irrespective of the cause.
- SBIIMS or its authorized service provider M/s. **e-Procurement Technology, Ahmedabad** is not responsible for any damages, including damages that result from, but are not limited to negligence.
- SBIIMS or its authorized service M/s. **e-Procurement Technology, Ahmedabad** will not be held responsible for consequential damages, including but not limited to systems



problems, inability to use the system, loss of electronic information etc.

N.B.

- All the Bidders are required to submit the Process Compliance Statement(Annexure-II) duly signed to M/s. **e-Procurement Technology, Ahmedabad.**
- **All the bidders are requested to ensure that they have a valid digital signature certificate well in advance to participate in the online event.**



PROCESS COMPLIANCE STATEMENT (ANNEXURE II)

(The bidders are required to print this on their company's letter head and sign, stamp before emailing)

To,
M/s. **e-Procurement Technology**,
B-705, Wall Street - II, Opp. Orient Club, Ellisbridge,
Ahmedabad – 380006,
State Gujarat, India

E: yashrajsinh@auctiontiger.net

D: +91 79 40016815/6824

Email:

AGREEMENT TO THE PROCESS RELATED TERMS AND CONDITIONS FOR THE

Online e-tendering for proposed Supply, Installation, Testing, Commissioning, Certification and Maintenance of IP and NVR based CCTV system at SBI, LHO, Bhadra, Laldarwaja, Ahmedabad premises for covering internal and external periphery security.

Dear Sir,

This has reference to the Terms & Conditions for the E-tendering mentioned in the Tender document

This letter is to confirm that:

- 1) The undersigned is authorized representative of the company.
- 2) We have studied the Commercial Terms and the Business rules governing the E-tendering as mentioned in RFP of SBIIMS as well as this document and confirm our agreement to them.
- 3) We also confirm that we have taken the training on the E-tendering tool and have understood the functionality of the same thoroughly.
- 4) We confirm that SBIIMS and M/s. **e-Procurement Technology, Ahmedabad** shall not be liable & responsible in any manner whatsoever for my/our failure to access & bid on the e-E-tendering platform due to loss of internet connectivity, electricity failure, virus attack, problems with the PC, any other unforeseen circumstances etc. before or during the E- tendering event.
- 5) We confirm that we have a valid digital signature certificate issued by a valid Certifying Authority.
- 6) We, hereby confirm that we will honor the Bids placed by us during the E-tendering process.



With regards, Date:

Signature with company seal Name:

Company / Organization:

Designation within Company / Organization: Address of Company / Organization:

Scan it and send to this Document on -----



FORM TENDER

To,
The Circle Head & VP (CIVIL),
Circle Office,
SBI Infra Management Solutions Pvt. Ltd.,
Ahmedabad- 380001.

Dear Sir,

Having examined the drawings, specification, design and schedule of quantities relating to the works specified in the memorandum hereinafter set out and having visited and examined the site of the works specified in the said memorandum and having acquired the requisite information relating thereto as affecting the tender, I/We hereby offer to execute the works specified in the said memorandum at the rates mentioned in the attached Schedule of Quantities and in accordance in all respects with the specifications, design, drawings and instructions in writing referred to in conditions of tender, the Articles of Agreement, Special Conditions, Schedule of Quantities and Conditions of Contract and with such materials as are provided for by, and in all other respects in accordance with such conditions so far as they may be applicable.

MEMORANDUM

| | |
|--|--|
| Description of work | Proposed Supply, Installation, Testing, Commissioning, Certification and Maintenance of IP and NVR based CCTV system at SBI, LHO, Bhadra, Laldarwaja, Ahmedabad premises for covering internal and external periphery security |
| Earnest Money | EMD of Rs.33,000/- (Thirty Three Thousand only) in the form of Demand Draft / Pay Order issued by any Scheduled/ Nationalized Bank drawn in favour of SBI Infra Management Solutions Pvt. Ltd. payable at Ahmedabad. |
| Percentage, if any, to be deducted from Bills and total amount to be retained | 10 % from Running Bills, subject to maximum Total 5% of contract amount or actual Final Bill value including EMD & Initial Security Deposit. |
| Time allowed for completion of the Works from fourteenth day after the date of written order or date of handing over of the site (whichever is later) to commence the work | Fifteen Days (15 days) |



I/We have deposited a sum of Rs. 33,000/- (Thirty Three Thousand only) of the total tender amount as Earnest Money with the State Bank of India which is not to bear any interest. Should I / We fail to execute the Contract when called upon to do so I/ We do hereby agree that this sum shall be forfeited by me/us to SBI Infra Management Solutions Pvt. Ltd.

1) Our Bankers are: i)

ii)

The names of partners of our firm are: i)

ii)

Name of the partner of the firm Authorized to sign

Or

(Name of person having Power of Attorney to sign the Contract.)

(Certified true copy of the Power of Attorney should be attached)

Yours faithfully,

Signature of Contractors.

SECTION – 1

INSTRUCTIONS TO THE TENDERERS

Appendix-1

1. Broad Scope of Work:

- a) Supply, installation of IP and NVR based CCTV Systems at Local Head Office Ahmedabad and its commissioning, software optimization/customizations, providing warranty/Post warranty services.
- b) It will include supply, delivery at site, unloading, any other services associated with the delivery of equipment, installation, cabling, commissioning, software optimization/customizations, providing warranty/Post warranty services (i.e. Annual Maintenance Contract) for the equipment and any other related accessories/services for the complete installation and commissioning of new as well as existing systems.

2 . Terms and conditions

- a) **Technical specification:** All necessary hardware and software required to make the solution work strictly as per technical specifications. The specifications given are the basic minimum requirement by the Bank. Vendors can quote equivalent or higher technical specifications to meet the Bank's requirements. However no weightage would be given for higher configurations. **Annexure-1.**

3. BOQ is given at Annexure -3. Floor wise requirement of cameras are given at Annexure-4.

4. System Requirement -CCTV System

- a) We need to install CCTV surveillance system within the Local Head Office premises to **capture, record & preserve** the good quality images of the movements of the people inside and also outside the Office.
- b) The cameras, NVR and the video management software etc should be of same make for easy compatibility or the system should be compatible for multi brand integration.
- c) Provision of online display of video images at Central Monitoring Station. The system should be Client- server architecture based to aim at providing high-speed manual/automatic operation for best performance .This live viewing should be recorded by system, the footage archiving should be possible in the external hard disc. Local Recording, simultaneous viewing and footage archiving should be possible with joystick or Mouse-Keyboard controllers shall be used for Pan, Tilt, Zoom, and other desired functions of the cameras.
- d) System should ensure that once recorded, the video cannot be altered; ensuring the audit trail is intact for evidential purposes. System must provide built-in facility of watermarking or Digital certificate to ensure tamperproof recording for post event analysis and also these can be used as evidence at a later date, if so desired.



- e) Inter-operability of hardware, Operating System, software, networking, printing, database connectivity, reporting, emailing, alarm notification, and communication protocols should be possible.
- f) System expansion should be possible through off-the-shelf available hardware. Systems design should be such that expansion of 20% additional capacity should be possible. System should be scalable without performance degradation in any manner, it means adding more camera and hardware configuration should deliver the same performance as originally provided.
- g) System shall provide sufficient storage of all the camera recordings for a period of minimum 90 days or more at 1080p or higher real time recording @ 25 FPS, using necessary compression techniques for all cameras preferable H265/ H.264 (extended capacity of cameras i.e. present capacity + 25 %). The recording frame rate & resolution for each camera shall be user programmable. Facility of camera recording in real-time mode (25 FPS)/15/12.5/10 or lower FPS as well as in any desired combination must be available in the system. Cameras should support simultaneous usage of different compression technologies for viewing and recording.
- h) True Day/Night cameras are to be installed for the purpose with variable focal length lens. All camera recordings shall have Camera ID, Location/Area of recording & date/time shall be programmable by the system administrator with User ID & Password. Date & time should be picked up from the system to ensure accuracy; the camera must accept external time synchronization from an NTP (Network Time Protocol) server.
- i) All domes shall be rugged and weather proof as per specifications. The camera should be vandal proof.
- j) IP camera must support activity controlled frame rate control to automatically adjust frame rate depending on motion in scene. The camera shall provide support for restricting access to pre-defined IP addresses only, so-called IP address filtering. The MAC () address of the IP cameras must be registered in the name of OEM supplying the cameras.
- k) All the indoor cameras & control equipment shall be suitable for operation from **10 ° C to 40° C** and relative humidity up to 80 % non-condensing. Cameras & other equipment, meant for outdoor installations, shall be suitable to work from (-) 10° C to (+) 50° C with RH up to 90% non-condensing. This temperature range may be achieved with or without heater.
- l) The CCTV System shall operate on 180-250V, 50Hz single -phase power supply. Power for all the equipment will be conditioned using on-line UPS with minimum 30 minutes or more back up.
- m) System shall be triplex i.e. it should provide facility of Viewing, Recording & Replay, simultaneously.
- n) The offered system shall have facility to export the desired portion of clipping (from a, desired date/time to another desired date/time) on CD or DVD or pendrive or external



harddisk. Viewing of this recording shall be possible on standard PC using standard software like windows media player etc and also should be able to generate still images in standard formats like jpeg, psd, jpg etc. from the recorded data.

- o) Redundancy/Fail- safe feature is required.
- p) All cameras must be provided with suitable original mounts/housings (wall, dome etc) with dust proof cover

5. Video Surveillance Application Software:

- a) The software is required to generate reports of stored device configuration. The control software is required to provide alarm and alarm log. The log shall be able to be achieved, printed and displayed using a device filter a device group filter and/or a time window and can customized as per requirement.
- b) It should have recording modes viz. continuous, manual, or programmed modes on date, time and camera-wise.
- c) It should provide programmable motion detection and recording, to be defined area wise.
- d) The CCTV application should allow retrieval of data instantaneously or any date / time interval chosen through search functionality of the application software. In case data is older than 90 days, the retrieval should be possible if available.

6. Storage:

- a) Data storage should be at a central location. The capacity of the storage should be equal to 90 days of recoding of all cameras at 1080P or higher real-time recording @25 fps. The system should follow FIFO on recording.
- b) NVR should have Customer-specific settings, the local time & date, event functionality and video configuration shall be stored in a non-volatile memory and there should be Zero data loss during power cuts or soft resets. It shall be equipped with a minimum of 4MB Flash memory and 16MB RAM memory. Depending on the current settings, this memory will allow the buffering of up to 1.2 MB of pre & post alarm recordings.

7. Manufacturer's Authorization Form (MAF): The company/ vendor should have Manufacturer's Authorization Form (MAF) in original with clear validity date. The copy of the same is to be attached with the documents. It should clearly states that the vendor is authorized supplier of the **proposed make** of equipments, it shall have back-to-back agreement with each of the equipment Manufacturer, to give direct support for maintenance, spares and upgrades for a minimum period of 4 years (including warranty period). **(Annexure-4) (Note:** The MAF is only to be submitted for any new product of different OEM not submitted earlier i.e during last tender if one has quoted dahua but now wants to quote Sony than MAF from Sony required)

8. The products proposed by the vendor **should be from OEM which** should be **UL** (Underwriters Laboratories Inc) certified. **CE** (*Conformité Européenne* ("European



Conformity") / **BIS** (Bureau of Indian Standard) certified is desirable. A proof of the same is required to be provided by the vendor.

9. The vendor should have an established office/ service centre with technical personnel in Ahmedabad for providing 24 hours X 7 days post implementation support.

10. Product Literature: Technical Specifications/ Brochure of the product should be there with the offered product.

11. Cost of Bidding: The Vendor shall bear all costs associated with the preparation and submission of its Bid, and the Bank will in no case be responsible or liable for these costs, regardless of the conduct or outcome of the Bidding process.

12.A **pre-bid meeting** is scheduled on **24/09/2019 from 1500hrs to 1600hrs** for any clarifications relating to the project.

13. Language of Bid : The Bid prepared by the Vendor, as well as all correspondence and documents relating to the Bid exchanged by the Vendor and the Bank and supporting documents and printed literature shall be submitted in English.

14. Price Bid:

a) Prices are to be quoted in **Indian Rupees** only.

b) Prices quoted should be all inclusive excluding taxes.(**Annexure-2**)

c) Prices quoted by the Vendor shall be fixed for minimum 01 year. A Bid submitted with an adjustable price quotation will be treated as non-responsive and will be rejected.

d) The Vendor should quote for the entire package on a single responsibility basis for hardware / software / Services it proposes to supply/provide. The L1 Vendor will be selected on the basis of total package cost to the Bank after e-reverse auction. The successful vendor is required to provide price breakup in BOQ given in **Annexure-3 and under no circumstance price of individual items should be quoted above its MRP.**

e) Bids shall remain valid for a period of 90 days from the date of opening of the Bid. A Bid valid for a shorter period may be rejected by the Bank as non-responsive.

f) The Bank reserves the right to call for fresh quotes any time during the validity period, if considered necessary.

15. Prices for all Items :

a) The Vendor should quote for complete solution proposed/listed in this Bid. In case, prices are not quoted by any Vendor for any specific product and / or service, for the purpose of evaluation, the highest of the prices quoted by other Vendors participating in the bidding process will be reckoned as the notional price for that service, for that Vendor. However, if selected, at the time of award of Contract, the lowest of the price(s) quoted by



other Vendors (whose Price Bids are also opened) for that service will be reckoned. This shall be binding on all the Vendors. However, the Bank reserves the right to reject all such incomplete bids.

- b) The commercial bid shall include the complete cost of the project, implementation cost i.e. all cost involved till the time of testing and satisfactory handing over the complete system to the purchaser i.e. the State Bank of India.

16. Documentary evidence establishing eligibility of products offered and its conformity to the technical specification : The L1 Vendor shall submit point by point compliance to the technical specifications of the product offered is as per the Banks given specification. Any deviations from specifications should be clearly advise to the Bank.

17. Documents Comprising the Bid

- a) Manufactures/ Producers Authorization Form - **Annexure-5**.
- b) All submitted documents should be complied in accordance with the clauses in the BID and duly signed by the authorized representative of the Vendor and stamped with the official stamp of the Vendor on each page.
- c) The Price bid (Indicative and e-reverse auction) should be submitted online.
- d) If the envelope is not properly sealed and marked, the bid will be rejected.

18. Late Bids: Any Bid received after the deadline for submission of Bids prescribed, will be rejected and returned unopened to the vendor.

20. Opening of online indicative and e-reverse auction price Bids: The opening dates for indicative price bid and e-reverse auction will be informed to the shortlisted vendors only.

21. Penalty for not participating in the bid: The Security deposit of empanelled vendor will be forfeited and he will not be allowed to participate in any tender for next three years if a Vendor does not participate in the reverse auction or offline commercial bid

22. Contacting the Bank

- a) No Vendor shall contact the Bank on any matter relating to its Bid, from the time of opening of Price Bid to the time the Contract is awarded.
- b) Any effort by a Vendor to influence the Bank in its decisions on Bid evaluation, Bid comparison or contract award may result in the rejection of the Vendor's Bid.

23. Award Criteria



- a) The allocation of work will be given to vendor with lowest evaluated Bid i.e L1 after e-reverse auction.
- b) The work will be given to the L1 vendor and in case L1 shows unwillingness to work than again commercial bidding (Online /Offline) will be done. The L1 vendor who after bidding showed unwillingness to do work, his security money with Bank will be forfeited . He will be de-empanelled from the Bank and will not be allowed to participate in future tender process for three years.

24. Notification of Award

- a) Prior to expiration of the period of Bid validity, the Bank will notify the successful Vendor in writing or by e-mail, that his Bid has been accepted.
- b) The notification of award will constitute the formation of the Contract. The selected Vendor should convey acceptance of the award of contract by returning duly signed and stamped duplicate copy of the award letter within 7 days of receipt of the communication.
(**Annexure- 6**)

25. GENERAL

- a) The Vendor shall present a comprehensive description of the architecture and configuration of the proposed system, identifying salient features and functions that include design proposal with layouts, diagram, etc. Third party equipment offered, as system integrator must be indicated. The selected final vendor must provide a project execution plan with a technical proposal wherever required or asked by the Bank.
- b) Any functions or features not specifically mentioned in technical specification of the product, but which may be necessary for the completeness and efficient performance of the system as an operating entity, shall be indicated by the Vendor and explained in detail indicating any price variation. Price of any item or feature not offered by the Vendor as part of basic configuration shall be indicated separately.
- c) The vendor shall clearly indicate the country of origin, manufacturer of the equipment. Testing and Certification: The vendor shall arrange to provide testing and certification of the complete system installed.
- d) All systems and components must be in compliance with UL certifications. It shall conform to ONVIF (S) standards. The quoted camera model should also be listed in the ONVIF Website. Copy of the UL certification, ONVIF compliant certificate indicating the make and Model of the Camera offered shall be submitted. The MAC address of the IP cameras must be registered in the name of OEM supplying the cameras.
- e) The bank may arrange for the third party inspection of the products/equipment provided for the system installed for its meeting the entire technical criterion specified by the Bank. The vendor who wins contract shall provide all the possible assistance in this process. In case it was found that the equipment/hardware/ software supplied is not as per given brands / specifications, SBI will take a suitable action as deemed fit.



- f) It will be imperative on each of the vendors to fully acquaint themselves with all the local conditions and factors, which can have any effect on the price of equipment/ components.
- g) Earthing arrangements for all the equipments shall be the responsibility of the Supplier and to be carried out as per standard procedures.
- h) The system software should be free of cost along with the system price and in future if any up gradation is required for running of the system than it should be upgraded free of cost .

26. The Terms and Conditions of Contract (TCC) of the existing contract will be applicable in totality which covers heading Definitions, The Scope of Work, Security Equipment (Software and Hardware), Patent Rights/Intellectual Property Rights, Hardware and Software, Inspection and Quality Control Tests, Delivery/Installation Schedule, Delivery/Installation Documentation, Acceptance Procedure, Transfer of ownership, Insurance, Warranty (New Installation), Preventive maintenance, Maintenance and Support, Annual Maintenance Contract (AMC) , Security , Shifting of equipment or additions of Hardware / Software in future, Subcontracting, Confidentiality, Training, Payment Terms (Payment shall be made in Indian Rupees), Period of Empanelment and Performance review of the Vendors, Prices(c to h), Delays in the Vendor's Performance, Penalty Clause, Security deposit (already with bank), Termination for Default, Force Majeure, Termination for Insolvency , Termination for Convenience, Taxes and Duties, Vendor's obligations, Right to use defective product, Contract Amendments, Miscellaneous, Resolution of Disputes, Governing Language , Applicable Law .

27. Bank's right To Accept Any Bid and to reject any or All Bids : The Bank reserves the right to accept or reject any Bid in part or in full or to cancel the Bidding process and reject all Bids at any time prior to contract award, without incurring any liability to the affected Vendor or Vendors or any obligation to inform the affected Vendor or Vendors of the grounds for the Bank's action.

28. Security Deposit:

Total security deposit shall be 5% of contract value. Out of this 2% of contract value is in the form of Initial Security Deposit (ISD) which includes the EMD. Balance 3% shall be deducted from the running account bill of the work at the rate of 10% of the respective running account bill i.e., deduction from each running bill account will be @ 10% till Total Security Deposit (TSD) including ISD reaches to 5% of contract value. The 50% of the Total Security Deposit shall be paid to the contract on the basis of architect's certifying the virtual completion. The balance 50% would be paid to the contractors after the defects liability period as specified in the contract.

28. Additional Security Deposit:

In case L-1 bidder quotes abnormally low rates (i.e. 10% or more, below estimated project cost), the bank may ask such bidder to deposit additional security deposit (ASD) equivalent to difference of estimated cost vis-à-vis L-1 quoted amount for due fulfillment of contract. Such ASD could be in the joint name of the Bank and bidder in the form of FDR / Bank's guarantee as per format approved by the Bank. On successful completion of work ASD will be returned to the contractor. In case contractor fails to complete the work in time or as per tender specification or leave the job incomplete, the bank will be at liberty to recover the dues from



ASD or to forfeit such ASD as the case may be within its sole discretion. No interest shall be paid to the amount retained by the Bank as Security Deposit for the defect liability period of one year from the date virtual completion certificate (VCC). However, interest on FDR for additional security deposit will be received by the bidder.



Annexure-1

CLOSE CIRCUIT TELEVISION SYSTEM

Brand name: LG, Bosch, Siemens, Honeywell, Pelco, Samsung, Dahua, Hikvision, Sony, HCL or equivalent

CLOSE CIRCUIT TELEVISION SYSTEM

NVR 16/64 (Network Video Recorder)

| Sr. No. | System Parameter | Specification | Remarks |
|----------------|----------------------------------|---|----------------|
| 1 | Main Processor | Quad-core embedded processor | |
| 2 | Operating System | Embedded LINUX | |
| | Display | | |
| 3 | Interface | 2 HDMI (1 HDMI up to 3840x2160, Different Source), 2 VGA | |
| 4 | Resolution | 3840x2160, 1920x1080, 1280x1024, 1280x720, 1024x768 | |
| 5 | Multi-screen Display | 1st screen: 16CH: 1/4/8/9/16 32CH: 1/4/8/9/16/25/36 64CH: 1/4/8/9/16/25/36 2nd screen: 1/4/8/9/16 | |
| 6 | OSD | Camera title, Time, Video loss, Camera lock, Motion detection, Recording | |
| | Video Detection and Alarm | | |
| 7 | Trigger Events | Recording, PTZ, Tour, Alarm Out, Video Push, Email, FTP, Snapshot, Buzzer and Screen Tips | |
| 8 | Video Detection | Motion Detection, MD Zones: 396 (22 x 18), Video Loss and Tampering | |
| 9 | Alarm input | 16 Channel (Low Level Effective) | |
| 10 | Alarm Output | 4 Channel (NO/NC Programmable) | |
| | Playback and Backup | | |
| 11 | Sync Playback | 1/4/9/16 | |
| 12 | Search Mode | Time /Date, Alarm, MD and Exact Search (accurate to second) | |
| 13 | Playback Function | Play, Pause, Stop, Rewind, Fast play, Slow Play, Next File, Previous File, Next Camera, Previous Camera, Full Screen, Repeat, Shuffle, Backup Selection, Digital Zoom | |
| 14 | Backup Mode | USB Device/Network/Internal SATA burner/eSATA Device | |
| | Storage | | |
| 15 | Internal HDD | 8 SATA III Ports, up to 6TB capacity for each HDD | |
| 16 | eSATA | 1 e SATA port | |
| | Auxiliary Interface | | |



| | | | |
|------------------------|-------------------------------------|--|--|
| 17 | Front Cover | N/A | |
| 18 | USB | 3 ports (2 USB 2.0, 1 USB 3.0) | |
| 20 | RS232 | 1 Port, for PC Communication | |
| 21 | RS485 | 1 Port, for PTZ Control , keyboard | |
| Audio and Video | | | |
| 21 | IP Camera Input | 16/32/64 Channel | |
| 23 | Two-way Talk | 1 Channel Input, 1 Channel Output, RCA | |
| Recording | | | |
| 24 | Compression | H.265/H.264/MJPEG/MPEG4 | |
| 25 | Resolution | 8Mp/6Mp/5Mp/4Mp/3Mp/1080P/ D1&etc. | |
| 26 | Record Rate | 160/256/320Mbps | |
| 27 | Bit Rate | 16kbps~20Mbps for per channel | |
| 28 | Record Mode | Manual, Schedule(Regular(Continuous), MD, Alarm), Stop | |
| 29 | Record Interval | 1~120 min (default: 60 min), Pre-record: 1~30 sec, Post-record: 10~300 sec | |
| Network | | | |
| 30 | Interface | 2 RJ-45 ports (10/100/1000Mbps) | |
| 31 | Ethernet Port | 2 Ethernet Ports Joint Working or 2 Independent 1000Mbps Ethernet Ports | |
| 32 | Network Function | TCP/IP, DHCP, Cloud P2P, DNS, DDNS, NTP, SADP, SMTP, NFS, iSCSI, UPnP, HTTPS | |
| 33 | Max. User Access | 128 users | |
| 34 | Smart Phone | I Phone, i Pad, Android | |
| 35 | Interoperability | ONVIF 2.0 or higher, PSIA, CGI Conformant | |
| 36 | Certifications CE/FCC and UL | | |

2 MEGA PIXEL IP IR DOME CAMERA WITH VF LENS (IP CAMERA)

| S.No | Feature | Specification |
|------|-------------------------|--|
| 1 | Image Sensor | 1/3" 2 Megapixel progressive scan CMOS or better |
| 2 | Effective Pixels | 1920(H)x1080(V) or better |
| 3 | Electronic Shutter | Auto/Manual, 1/3(4)~1/10000s |
| 4 | Video Frame Rate | 25/50 fps @ 2 Mega Pixel |
| 5 | Scanning System | Progressive |
| 6 | Mini. Illumination | 0.01Lux/F1.4(Color); 0Lux/F1.4(IR on) |
| 7 | S/N Ratio | More than 50dB |
| 8 | Min. IR LEDs Length | Up to 30m |
| 9 | Day/Night | Auto(ICR) / Color / B/W |
| 10 | Back Light Compensation | BLC 120db WDR (DWDR not acceptable) |
| 11 | White Balance | Auto/Manual |
| 12 | Focal Length (lens) | 2.8~12mm motorize lens or more |
| 13 | Video Compression | H.265+ ,H.265,H.264,H.264H,MJPEG |
| 14 | Resolution | 2 M(1920x 1080)/D1(704x 576/704x 480)/CIF(352 x 288/352x |



| | | |
|----|--------------------------|---|
| | | 240) |
| 15 | Frame Rate (Dual Stream) | Main stream (2 M/1080P(1 ~ 25/30fps)) & Sub stream : D1/CIF(1 ~ 25/30fps) |
| 16 | Bit Rate | H.265/H.264H: 40K ~ 8192Kbps; MJPEG: 40K~16384Kbps |
| 17 | Network Ethernet | RJ-45 (10/100Base-T) |
| 18 | Protocol | TCP/IP, UDP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP NTP, UPnP,SMTP, IGMP, 802.1x, QoS, IPv6, Bonjour |
| 19 | Compatibility | ONVIF, PSIA, CGI |
| 20 | Power Supply | DC12V, PoE (802.3af) |
| 21 | Working Environment | -30°C~+60°C / Less than 95%RH (no condensation) |
| 22 | Ingress Protection | IP67 and IK 10 |
| 23 | Certification | UL and CE/ FCC |
| 24 | Memory Card | Built in Micro SD/SDHC/SDXC card slot, up to 128 GB |

HD IP VERIFOCAI LENS BULLET CAMERA

| Sr. No | Parameters | Technical Specifications | Remark |
|--------|-------------------------------|--|--------|
| | Camera | | |
| 1 | Image Sensor | 1/3" progressive scan CMOS | |
| 2 | Min. Illumination | Color: 0.01@F1.4, 0 Lux with IR | |
| 3 | Shutter Speed | 1/3 s to 1/100, 000 s, support slow shutter | |
| 4 | Lens | 2.8 mm to 12 mm motorize @F1.4, horizontal field of view: 113° to 33.8° | |
| 5 | Lens Mount | Φ14 | |
| 6 | Day & Night | IR cut filter with auto switch | |
| 7 | 3-Axis Adjustment | Pan: 0° to 355°, tilt: 0° to 100°, rotation: 0° to 355° | |
| 8 | DNR (Digital Noise Reduction) | 3D DNR | |
| 9 | WDR (Wide Dynamic Range) | 120 dB (DWDR not acceptable) | |
| | Compression Standard | | |
| 1 | Video Compression | Main stream: H.265.H.265+,H.264+/H.264 Sub stream: H.264/MJPEG | |
| 2 | H.264 Type | Baseline profile/Main profile | |
| 3 | Video Bit Rate | 32 Kbps to 8 Mbps | |
| 4 | Dual Stream | Support | |
| | Image | | |
| 1 | Max. Resolution | 1920 × 1080 | |
| 2 | Main Stream Max. Frame Rate | 50Hz: 25fps @(1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps @(1920 × 1080, 1280 × 960, 1280 × 720) | |
| 3 | Sub-stream Max. Frame Rate | 50Hz: 25fps @(704 × 576, 640 × 480, 352 × 288, 320 × 240) 60Hz: 30fps @(704 × 480, 640 × 480, 352 × 240, 320 × 240) | |
| 4 | Image Settings | Brightness, saturation, contrast, sharpness are adjustable via web browser or client software | |
| 5 | Day/Night Switch | Support auto, scheduled | |
| 6 | Others | Mirror, BLC (area configurable), region of interest (support 1 fixed region) | |
| | Network | | |
| 1 | Network Storage | Support micro SD/SDHC/SDXC card (128G), local storage and NAS (NFS, SMB/CIFS), ANR | |



| | | | |
|---|------------------|---|--|
| 2 | Detections | Motion detection, Line Crossing, Intrusion, Detection | |
| 3 | Alarms | Video tampering, network disconnected, IP address conflicted, HDD full, HDD error | |
| 4 | Protocols | TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, NTP, UPnP, SMTP, IGMP, 802.1X, QoS, IPv6, Bonjour | |
| 5 | Standard | ONVIF (PROFILE S, PROFILE G), PSIA, CGI, ISAPI | |
| 6 | General Function | One-key rest, anti-flicker, heartbeat, mirror, password protection, privacy mask, watermark, IP address filter | |



| | | | |
|---|-------------------------|--|--|
| | Interface | | |
| 1 | Communication Interface | 1 RJ45 10M/100M self-adaptive Ethernet port | |
| 2 | Reset | Support | |
| 3 | General | | |
| 4 | Operating Conditions | -30 °C to 60°C (-22 °F to 140°F), humidity: 95% or less (non-condensing) | |
| 5 | Power Supply | DC12V ± 25%, PoE (802.3af) | |
| 6 | Power Consumption | Max. 5.5 W/11 W | |
| 7 | Ingress Protection | IP 67 | |
| 8 | IR Range | Up to 30 mtr | |
| | Certification | UL and FCC or CE | |

IP IR PTZ VERIFOCAL 1080P CAMERA

4.1.



| | |
|--------------------------------------|--|
| Intelligence | |
| Auto Tracking | Support |
| IVS | Tripwire, Intrusion, Abandoned/Missing, Face Detection, Heat Map |
| Video | |
| Compression | H.265+/H.265/H.264+/H.264 |
| Streaming Capability | 3 Streams |
| Resolution | 1080P(1920×1080)/1.3M(1280×960)/720P(1280× 720)/D1(704×576/704×480)/CIF(352×288/352×240) |
| Frame Rate | Main stream: 1080P/1.3M/720P(1~50/60fps) |
| | Sub stream1: D1/CIF(1 ~ 25/30fps) |
| | Sub stream2: 1080P/1.3M/720P/D1/CIF (1~25/30fps) |
| Bit Rate Control | CBR/VBR |
| Bit Rate | H.265/H.264: 448K ~ 8192Kbps |
| Day/Night | Auto(ICR) / Color / B/W |
| Backlight Compensation | BLC / HLC / WDR (120dB) |
| White Balance | Auto, ATW, Indoor, Outdoor, Manual |
| Gain Control | Auto / Manual |
| Noise Reduction | Ultra DNR (2D/3D) |
| Motion Detection | Support |
| Region of Interest | Support |
| Electronic Image Stabilization (EIS) | Support |
| Defog | Support |
| Digital Zoom | 16x |
| Flip | 180° |
| Privacy Masking | Up to 24 areas |
| Audio | |
| Compression | G.711a/G.711Mu/AAC/G.722 / G.726/G.729/MPEG2-L2 |
| Network | |
| Ethernet | RJ-45 (10Base-T/100Base-TX) |
| Protocol | IPv4/IPv6, HTTP, HTTPS, SSL, TCP/IP, UDP, UPnP, ICMP, IGMP, SNMP, RTSP, RTP, SMTP, NTP, DHCP, DNS, PPPOE, DDNS, FTP, IP Filter, QoS, Bonjour, 802.1x |
| Interoperability | ONVIF, PSIA, CGI |
| Streaming Method | Unicast / Multicast |
| Max. User Access | 20 users |
| Edge Storage | NAS (Network Attached Storage), Local PC for instant recording, Micro SD card 128GB |
| Web Viewer | IE, Chrome, Firefox, Safari |
| Management Software | Smart PSS, DSS |
| Smart Phone | IOS, Android |
| Certifications | |
| Certifications | CE: EN55032/EN55024/EN50130-4 FCC: Part15 subpartB, ANSI C63.4- 2014 UL: UL60950-1+CAN/CSA C22.2, No.60950-1 |
| Interface | |
| Video Interface | 1 port(BNC, 1.0V[p-p], 75Ω) |
| RS485 | 1 |
| Audio I/O | 1/1 |
| Alarm I/O | 7/2 |
| Electrical | |



| | |
|----------------------|--|
| Power Supply | AC24V/3A(±25%), PoE+(802.3at) |
| Power Consumption | 17W, 26W(IR On, Heater On) |
| Environmental | |
| Operating Conditions | -40°C ~ 70°C (-40°F ~ +158°F) / Less than 95% RH |
| Ingress Protection | IP67 |
| Vandal Resistance | IK10 |

IP IR VERIFOCAL 1080P DOME/BULLET PIR CAMERA WITH SD CARD SUPPORT

| | | | | | |
|--------------------------|---|--------|---------|-----------|----------|
| Camera | | | | | |
| Image Sensor | 1/2.8" 2Megapixel progressive CMOS | | | | |
| Effective Pixels | 1920(H) x1080(V) | | | | |
| RAM/ROM | 256MB/32MB | | | | |
| Scanning System | Progressive | | | | |
| Electronic Shutter Speed | Auto/Manual, 1/3~1/100000s | | | | |
| Minimum Illumination | 0.006Lux/F1.4 0.005Lux/F1.2(Color,1/3s,30IRE) 0.05Lux/F1.4 0.04Lux/F1.2(Color,1/30s,30IRE) 0Lux/F1.4(IR on) | | | | |
| S/N Ratio | More than 50dB | | | | |
| IR Distance | Distance up to 30m(98ft) | | | | |
| IR On/Off Control | Auto/ Manual | | | | |
| IR LEDs | 2 | | | | |
| Lens | | | | | |
| Lens Type | Motorized | | | | |
| Mount Type | Board-in | | | | |
| Focal Length | 2.7mm~13.5mm | | | | |
| Max. Aperture | F1.4 | | | | |
| Angle of View | H:106°~29°, V:57°~17° | | | | |
| Focus Control | Motorized | | | | |
| Close Focus Distance | 0.2m | | | | |
| DORI Distance | Lens | Detect | Observe | Recognize | Identify |



| | | | | | |
|-------------------------------------|---|-------------|------------|-----------|-----------|
| | W | 46m(151ft) | 18m(59ft) | 9m(30ft) | 5m(16ft) |
| | T | 153m(502ft) | 61m(200ft) | 30m(98ft) | 15m(49ft) |
| PTZ | | | | | |
| Pan/Tilt Range | Pan:0° ~355° ;Tilt:0° ~75° ;Rotation:0° ~355° | | | | |
| Intelligence | | | | | |
| IVS | Tripwire, Intrusion | | | | |
| Video | | | | | |
| Compression | H.265+/H.265/H.264+/H.264 | | | | |
| Streaming Capability | 2 Streams | | | | |
| Resolution | 1080P(1920x1080)/SXGA(1280x1024)/1.3M(1280x960)/720P(1280x720)/D1(704x576/704x480)/VGA(640x480)CIF(352x288/352x240) | | | | |
| Frame Rate | 1080P (1 ~ 25/30fps) | | | | |
| | D1/CIF(1 ~ 25/30fps) | | | | |
| Bit Rate Control | CBR/VBR | | | | |
| Bit Rate | H.265: 12K ~ 6400Kbps H.264: 32K ~ 10240Kbps | | | | |
| Day/Night | Auto(ICR) / Color / B/W | | | | |
| BLC Mode | BLC / HLC / WDR(120dB) | | | | |
| White Balance | Auto/Natural/Street Lamp/Outdoor/Manual | | | | |
| Gain Control | Auto/Manual | | | | |
| Noise Reduction | 3D DNR | | | | |
| Motion Detetion | Off / On (4 Zone, Rectangle) | | | | |
| Region of Interest | Off / On (4 Zone) | | | | |
| Electronic Image Stabilization(EIS) | N/A | | | | |
| Smart IR | Support | | | | |
| Digital Zoom | 16x | | | | |
| Flip | 0°/90°/180°/270° | | | | |



| | |
|-----------------------|---|
| Mirror | Off / On |
| Privacy Masking | Off / On (4 Area, Rectangle) |
| Audio | |
| Compression | G.711A/G.711Mu/G.726/AAC |
| Network | |
| Ethernet | RJ-45 (10/100Base-T) |
| Protocol | HTTP;TCP;ARP;RTSP;RTP;UDP;RTCP;SMTP;FTP;DHCP;DNS;DDNS;PPPOE;IPv4/v6;SNMP;QoS;UPnP;NTP |
| Interoperability | ONVIF, PSIA, CGI |
| Streaming Method | Unicast / Multicast |
| Max. User Access | 10 Users / 20 Users |
| Edge Storage | NAS Local PC for instant recording Micro SD Card 128GB |
| Web Viewer | IE, Chrome, Firefox, Safari |
| Management Software | Smart PSS, DSS, Easy4ip |
| Smart Phone | IOS, Android |
| Certifications | |
| Certifications | CE (EN 60950:2000) UL:UL60950-1 FCC: FCC Part 15 Subpart B |
| Interface | |
| Video Interface | N/A |
| Audio Interface | 1/1 channel In/Out |
| RS485 | N/A |
| Alarm | 1 channel In: 5mA 5VDC 1 channel Out: 300mA 12VDC |
| Electrical | |
| Power Supply | DC12V PoE (802.3af)(Class 0) |



| | |
|----------------------|---|
| Power Consumption | <8.3W(-ZAS), <5.8W(-VFAS) |
| Environmental | |
| Operating Conditions | -30° C ~ +60° C (-22° F ~ +140° F) / Less than 95% RH |
| Storage Conditions | -30° C ~ +60° C (-22° F ~ +140° F) / Less than 95% RH |
| Ingress Protection | IP67 |
| Vandal Resistance | IK10 |

WIRELESS LAN

HARDWARE FEATURES

| | |
|--------------------------|---|
| Processor | Qualcomm Atheros Enterprise 560MHz CPU, MIPS 74Kc |
| Memory | 64MB DDR2 RAM, 8MB Flash |
| Interface | 1 10/100Mbps Shielded Ethernet Port (Passive PoE in), 1 Grounding Terminal, 1 Reset Button |
| Power Supply | Passive Power over Ethernet via LAN0 (+4,5pins; -7,8pins), Voltage range: 16-27VDC |
| Power Consumption | 10.5 Watts Max, Note: When deployed using Passive PoE, the power drawn from the power source will be higher by some amount depending on the length of the connecting cable. |
| Dimensions (W x D x H) | 8.8 x 3.1 x 2.4 in |
| Antenna Type | Built-in 13dBi 2 x 2 Dual-polarized Directional Antenna, Beam Width: 45° (H-Plane) / 30° (E-Plane) |
| Protection | 15KV ESD Protection, 6KV Lightning Protection |
| Enclosure | |
| | Outdoor ASA stabilized plastic material, IPX5 waterproof Certification |

WIRELESS FEATURES

| | |
|----------------------|--|
| | |
| Wireless Standards | IEEE 802.11a/n (with Pharos MAXtream disabled) |
| Proprietary Protocol | TDMA Mode (with Pharos MAXtream enabled) |
| Wireless Speeds | Up to 300Mbps (40MHz,Dynamic), Up to 144.4Mbps (20MHz,Dynamic), Up to 72.2Mbps (10MHz,Dynamic), Up to 36.1Mbps (5MHz,Dynamic) |
| Frequency | 5.15~5.85GHz, Note: Available operating frequency may vary depending on the limitations of the countries or regions in which the device is used. |



| | |
|-----------------------------|---|
| Transmission Power | 23dBm/200mw (Adjustable power by 1dBm), Note: Maximum transmission power may vary across different channels depending on the limitations of the countries or regions in which the device is used. |
| SOFTWARE FEATURES | |
| Wireless Configurations | Pharos MAXstream TDMA Technology; 802.11a/n Modes;Selectable Channel Width : 5/10/20/40MHz;Automatic Channel Selection;Transmission Power Control;Dynamic Frequency Selection (DFS);WDS Enable/Disable;Security: WPA/WPA2, WPA-PSK/WPA2-PSK (AES/TKIP) Encryption, 64/128/152-bit WEP Encryption;SSID Broadcast Enable/Disable;Multi-SSID with VLAN Tagging (AP mode only);Distance/ACK Timeout Setting;Wireless MAC Address Filter;Wireless Advanced;> Beacon Interval/RTS Threshold/Fragmentation;>Threshold/DTIM Interval/AP Isolation/Short GI/Wi-Fi Multimedia |
| Management | Discovery and Remote Management via Pharos Control application;HTTP/HTTPS Web-based management;System Log;SNMP Agent(v2c);Ping Watch Dog;Dynamic DDNS;SSH Server |
| System Tools | Wireless Signal Quality Indicators:Signal Strength/Noise/Transmit CCQ/CPU/Memory;Monitors: Throughput/Stations/Interfaces/ARP/Routes/WAN/DHCP;Spectrum Analyzer;Speed Test;Ping;Traceroute |
| System-level Optimizations | Optimized IGMP Snooping/Proxy for multicast applications:Hardware watch dog |
| | |
| POE ADAPTER FEATURES | |
| | |
| Dimensions(W x D x H) | 4.3 x 2.2 x 1.3 in |
| Interfaces | 1 AC Jack with Earth Ground;1 10/100Mbps Shielded Ethernet Port (Power + Data);1 10/100Mbps Shielded Ethernet Port (Data) |
| Button | Remote Reset Button |
| Power Status LEDs | Green |
| Input | 100-240VAC, 50/60Hz |
| Output | 24VDC, 1.0A Max ; +4, 5pins; -7, 8pins. (Support up to 60m Power over Ethernet) |
| Efficiency | >80% |
| Certifications | CE/FCC |
| | |
| | |



| OTHERS | |
|---------------------|--|
| | |
| Certification | FCC, RoHS, IPX5 |
| Package Contents | Outdoor Wireless CPE;24V 1A Passive PoE Adapter;Pole Mounting Straps;AC Power Cord;Installation Guide |
| System Requirements | Google Chrome, Safari, and Firefox browsers for web; GUI management |
| Environment | Operating Temperature: -30°C~70°C (-22°F~158°F);Storage Temperature: -40°C~70°C (-40°F~158°F);Operating Humidity: 10%~90% non-condensing;Storage Humidity: 5%~95% non-condensing |



| HDMI CABLE | | | | | |
|---|--------------------------------------|-------------------------------------|-------------------------------------|--------------------------------------|---------------------------------|
| 1.0–1.2a | 1.3–1.3a | 1.4–1.4b | 2.0–2.0b | 2.1 | |
| Release Date | Dec 2002 (1.0)[124] | Jun 2006 (1.3)[127] | Jun 2009 (1.4)[128] | Sep 2013 (2.0)[110] | Nov 2017[130] |
| | May 2004 (1.1) | Nov 2006 (1.3a)[6] | Mar 2010 (1.4a)[10] | Apr 2015 (2.0a)[129] | |
| | Aug 2005 (1.2)[125] | | Oct 2011 (1.4b) | Mar 2016 (2.0b) | |
| | Dec 2005 (1.2a)[126] | | | | |
| Signal Specifications | | | | | |
| Max. Transmission Bit Rate ^[a] | 4.95 Gbit/s | 10.2 Gbit/s | 10.2 Gbit/s | 18.0 Gbit/s | 48.0 Gbit/s |
| Max. Data Rate ^[b] | 3.96 Gbit/s | 8.16 Gbit/s | 8.16 Gbit/s | 14.4 Gbit/s | 42.6 Gbit/s |
| Max. TMDS Character Rate ^[c] | 165 MHz[93](§3) | 340 MHz[127] | 340 MHz | 600 MHz[111](§6.1.1) | N/A |
| Data Channels | 3 | 3 | 3 | 3 | 4 |
| Encoding Scheme[d] | TMDS[93](§5.1) | TMDS | TMDS | TMDS | 16b/18b[123] |
| (Efficiency) | -80% | -80% | -80% | -80% | -88.80% |
| Compression | - | - | - | - | DSC 1.2 |
| | | | | | (optional)[131] |



VGA SPLITTER TECHNICAL SPECIFICATIONS

| | |
|------------------------------|---|
| Video Input | Male 15-pin HD-15 connector <i>Maximum input level: 2Vp-p Input impedance: 1 KOhms</i> |
| Video Output | 2 female 15-pin HD-15 connectors <i>Output impedance: 75 Ohms</i> |
| Power | 5V 200mA (required to enable second port or ground loop isolator) |
| Ground Loop Isolator | Integrated. Handles up to 1.5V RMS common mode level. |
| Color Resolution | 16 bits per pixel / 5:6:5 format |
| Supported VGA Modes | All modes up to 2048x2048 @ 85Hz |
| Bandwidth | 1 GhZ |
| VGA Signaling | R,G,B plus separate HSYNC and VSYNC signals; R,G,B plus CSYNC signal; R,G,B with Sync-On-Green synchronization. |
| Additional Hardware Features | Integrated ground loop isolator (+/- 1.5V) Fault tolerant output port Low pixel jitter |
| Physical Dimensions | 5.3"×4.1" ×1.2", 135mm×105mm×30mm |



POE switch 08 channel specifications

| | |
|---|--|
| GENERAL | |
| Interface | 8 x 10/100 Mbps PoE ports • 1 x SFP ports , UPLINK PORT 1 x 10/100 |
| Port Standards & Functions | Ports 1 to 8 compliant with 802.3at |
| Other Port Standards & Functions | IEEE 802.3 10 BASE -T Ethernet (twisted-pair copper).IEEE 802.3u 100BASE-TX Fast Ethernet (twisted-pair copper)IEEE 802.3ab 1000BASE-Tgigabit Ethernet Fast Ethernet (twisted-pair copper).IEEE 802.3az compliance . Auto-negotiation.IEEE 802.3 x flow Control .IEEE 802.3z |
| Networks Cables | UTP Cat. 5, Cat. Se(100 m max) |
| Duplex Mode | Full/Half-duplex for 10/100 Mbps. Full-duplex for 1000mbps |
| Media Interface Exchange | Auto MDI/MDIX adjustment for all twisted-pair ports |
| PERFORMANCE | |
| Switching Capacity | 40gbps |
| Transmission Method | Store-and-Forward |
| MAC Address Table | 6,000 entries per device |
| MAC Address Update | UP to 256 static MAC entries |
| Maximum 64 bytes packet forwarding rate | 14.88 mbps |
| Packet Buffer Memory | 1.5 MB |
| CPU Memory | 128 MB DDR3 |
| Flash Memory | 16 MB |
| Physical/Environmental | |
| AC Input | 100 to 240 VAC 50/60 Hz internal universal power supply |
| Maximum Power Consumption | 103.4 W (PoE on) • 17.9 W (PoE off) |
| Maximum PoE Budget | 78 W |
| Standby Power Consumption | 100 V: 10.3 W • 240 V: 11.1 W |
| Acoustics | 0 dBA |
| Heat Dissipation | 352.63 Btu/hr |
| Operating Temperature | -5 to 50 °C (23 to 122 °F) |
| Storage Temperature | -20 to 70 °C (-4 to 158 °F) |
| Operating Humidity | 0% to 95% non-condensing |
| Storage Humidity | 0% to 95% non-condensing |
| Dimensions (L x W x H) | 280 x 180 x 44 mm (11.02 x 7.08 x 1.73 in) |
| Weight | 1.41 kg (3.1 lbs) |
| Diagnostic LEDs | Link/Activity/Speed (per 10/100/1000 Mbps port)• Power Fail/Power Ok (per PoE port) |



POE switch 24 channel specifications

| GENERAL | |
|---|--|
| Interface | 24 x 10/100/1000 Mbps PoE ports • 4 x SFP ports |
| Port Standards & Functions | Ports 1 to 4 compliant with 802.3at • Ports 5 to 24 compliant with 802.3af |
| Other Port Standards & Functions | IEEE 802.3 10 BASE -T Ethernet (twisted-pair copper).IEEE 802.3u 100BASE-TX Fast Ethernet (twisted-pair copper)IEEE 802.3ab 1000BASE-Tgigabit Ethernet Fast Ethernet (twisted-pair copper).IEEE 802.3az compliance . Auto-negotiation.IEEE 802.3 x flow Control .IEEE 802.3z |
| Networks Cables | UTP Cat. 5, Cat. Se(100 m max) |
| Duplex Mode | Full/Half-duplex for 10/100 Mbps. Full-duplex for 1000mbps |
| Media Interface Exchange | Auto MDI/MDIX adjustment for all twisted-pair ports |
| PERFORMANCE | |
| Switching Capacity | 56 Gbps |
| Transmission Method | Store-and-forward |
| MAC Address Table | 16 ,000 entries per device |
| MAC Address Update | Up to 256 static MAC entries |
| Maximum 64 bytes packet forwarding rate | 41.7 Mpps |
| Packet Buffer Memory | 1.5 MB |
| CPU Memory | 128 MB DDR3 |
| Flash Memory | 16 MB |
| Physical/Environmental | |
| AC Input | 100 to 240 VAC 50/60 Hz internal universal power supply |
| Maximum Power Consumption | 251.3 W (PoE on) • 26.3 W (PoE off) |
| Maximum PoE Budget | 193 W |
| Standby Power Consumption | 100 V: 24 W/ • 240 V: 21.9 W |
| Acoustics | Low speed: 47 dBA • High speed: 52.4 dBA |
| Heat Dissipation | 840.89 Btu/hr |
| Operating Temperature | -5 to 50 °C (23 to 122 °F) |
| Storage Temperature | -20 to 70 °C (-4 to 158 °F) |
| Operating Humidity | 0% to 95% non-condensing |
| Storage Humidity | 0% to 95% non-condensing |
| Dimensions (L x W x H) | 444 x 210 x 44 mm (17.32 x 8.27 x 1.73 in) |
| Weight | 2.54 kg (5.60 lbs) |
| Diagnostic LEDs | Link/Activity/Speed (per 10/100/1000 Mbps port)• Power Fail/Power Ok (per PoE port) |



OTHER COMPONENTS OF CCTV

| SN. | Item Name | Specifications |
|------------|--|---|
| 1 | Hard Disk Drive (SATA II or III) | Samsung / Seagate/WD/Hitachi. Video Surveillance Series (Rated for 24/7 operation). 32~64 MB Cache, 3Mb ~ 6Mb per second data transfer rate, Spindle Speed 7200 RPM or more. |
| 2 | Capacity | 8TB (Tera Bytes) |
| 3 | Wireless Lan | |
| 4 | USB Cable | |
| 5 | HDMI Cable | |
| 6 | PVC Conduits for cabling | |
| 7 | Specifications | IS-9537-1983; Internal Dia 20 "+, -," 1 mm, Wall Thickness- 4.2~5 mm |
| 8 | Acceptable Quality | ISI Marked. Make – Precision/ Prince or equivalent |
| 9 | Grade | Medium |
| 10 | 6 U Rack- (Wall Mount) | Dimension : 630 mm x500mm depth Power Strip: 6 Socket power supply: 1 No. Equipment Mounting Tray: 1 No Mounting screws & studs : 1 pack Transparent front door with Lock Fan tray with 2 Fans Provision for cable routing at the bottom of Rack. |
| 11 | <u>55" LED Colour Monitor with HDMI & VGA support</u> | |
| a | Display Type | Slim LED |
| b | Screen Size | 55 Inches |
| c | Connectivity | HDMI, USB |
| d | Resolution | 1920 X 1080 |
| e | Number of Speakers | 02 |
| f | Audio Output | Stereo Mini Jack Watts |
| g | Color | Black |
| h | Power Supply | AC 100-240 V Hz |
| i | Display Features | Full HD Features |



| | | |
|---|---------------|----------------------------|
| j | Smart TV | Yes |
| k | USB PORT | 01 |
| l | HDMI PORTS | 02 (MINIMUM) |
| m | Viewing Angle | 140 degree H, 130 degree V |



Annexure – 2

(To be furnished on Vendor's letter head)

To:
Circle Head & VP,
SBIIMS,
**3rd Floor, Local head Office,
State Bank of India,
Bhadra, Laldarwaja,
Ahmedabad-380001**

Dear Sir,

ONLINE PRICE BID

Having examined the Bidding Documents, the receipt of which is hereby duly acknowledged, we, the undersigned, will participate in the e-tender followed by e-reverse auction for supply, installation, testing , commissioning & AMC of the **CCTV System** in conformity with the said Bidding documents.

2. While submitting this bid, we certify that:

- The undersigned is authorized to sign on behalf of the VENDOR and the necessary support document delegating this authority is enclosed to this letter.
- Final pricing after e-reverse auction submitted by us have been arrived at without agreement with any other Vendor of this RFP for the purpose of restricting competition.
- Final price after e-reverse auction submitted by us have not been disclosed and will not be disclosed to any other Vendor responding to this proposal.
- We have not induced or attempted to induce any other Vendor to submit or not to submit a bid for restricting competition.

3. If our offer is accepted, we undertake to complete the formalities for supply, installation, testing and commissioning of the equipment within a period **of 15 days** from date of Work Order.

4. *We agree to abide by the Bid and the rates quoted therein for the orders awarded by the Bank up to the period prescribed in the Bid, which shall remain binding upon us.*

5. The existing contract with the Bank will govern the terms and condition for executing and completion of this project.

6. We undertake that, in competing for (and, if the award is made to us, in executing) the above contract, we will strictly observe the laws against fraud and corruption in force in India namely "Prevention of Corruption Act 1988".



7. We also certify that the information /data/particulars furnished in our bids are factually correct. We also accept that in event of any information/ data/ particulars proven to be incorrect the Bank will have the right to disqualify us from the bid and in event of any details submitted turned out to be false , the Bank is at discretion to forfeit the Security money deposit towards performance security and terminate the existing contract.

8. We understand that you are not bound to accept the lowest or any Bid you may receive and you may reject all or any bid without assigning any reason or giving any explanation whatsoever

Dated this day of 201

(Signature) (Name) (In the capacity of)

Duly authorised to sign Bid for and on behalf of



Annexure-3

ONLINE INDICATIVE PRICE BID FORMAT FOR THE CCTV SYSTEM

(NOT TO BE FILLED BY THE VENDOR)

| S/No. | Item Description | Unit | Qty. | Rate (Rs.) | Total Amount (Rs.) (NOT TO BE FILLED) |
|-------|---|------|------|------------|--|
| 01 | NVR 64 channel 8 SATA | Nos. | 02 | | |
| 02 | NVR 16 Channel 8 SATA | No. | 01 | | |
| 03 | CAT-6 cable ISI Marked | Mtrs | 8000 | | |
| 04 | HDMI Cable(15 mtrs Length) | Nos. | 05 | | |
| 05 | USB Cable (20 mtrs Length) | Nos. | 07 | | |
| 06 | Wireless LAN | Nos. | 04 | | |
| 07 | POE switch 8 channel | Nos. | 08 | | |
| 08 | POE switch 24 channel | Nos. | 12 | | |
| 09 | IP IR verifocal 1080 P Dome camera with SD card support WDR | Nos. | 101 | | |
| 10 | IP IR verifocal 1080 P Bullet camera with SD card support WDR | Nos. | 35 | | |
| 11 | IP IR PTZ verifocal 1080 P camera WDR | Nos. | 02 | | |
| 12 | IP IR verifocal 1080 P Dome/ Bullet PIR camera with SD card support WDR | Nos. | 01 | | |
| 13 | HD Fixed 1080P WDR Dome/Bullet IR PIR camera | No. | 01 | | |
| 14 | Micro SD card 64 GB for IP camera | No. | 01 | | |
| 15 | Video Switcher 4 input 1 Output HDMI | No. | 01 | | |
| 16 | Video Splitter 4 output 1 input HDMI | No. | 01 | | |
| 17 | HDD 8TB (Surveillance Grade) | Nos. | 16 | | |
| 18 | Conduit FRLS PVC pipes ISI marked, 25 mm dia., 1mm thick | Mtrs | 3500 | | |
| 19 | 30 U Rack | No. | 01 | | |
| 20 | FRLS PVC junction box ISI marked for camera | Nos. | 140 | | |
| 21 | 55" LED Colour Monitor with HDMI and VGA support (Sony/Samsung or equivalent as approved by the SBIIMS) | No. | 01 | | |
| 22 | Installation charges of above items | | | | |
| 23 | Shifting and re installation charges to alternative site | | | | |



| | | | | | |
|----|---|------|-----|--|-----|
| | SUB TOTAL (A) | | | | |
| 24 | Buy back old DVR 8 channel | Nos. | 02 | | (-) |
| 25 | Buy back old DVR 16 channel | Nos. | 05 | | (-) |
| 26 | Buy back old camera analog | Nos. | 05 | | (-) |
| 27 | Buy back old camera IP | Nos. | 00 | | (-) |
| 28 | Buy back old camera HD | Nos. | 00 | | (-) |
| 29 | Buy back old camera IR | Nos. | 102 | | (-) |
| | SUB TOTAL (B) | | | | (-) |
| 30 | AMC Charges per year , Post Warranty for 01 years: NVR 16 channel 8 SATA | | | | |
| | AMC Charges per year , Post Warranty for 01 years: NVR 32 channel 8 SATA | | | | |
| | AMC Charges per year , Post Warranty for 01 years: NVR 64 channel 8 SATA | | | | |
| | SUB TOTAL (C) | | | | |
| | GRAND TOTAL (A-B+C) | | | | |

(GST shall be paid extra)

Note:

1. Price quoted shall be for a total package, which shall include the items as per the list given below including the comprehensive AMC charges per year for 01 yrs (Post warranty).
2. This rate list shall form the basis for additional requirements of the items, if any in future.

(Name and signature of the authorized person with stamp of the firm/company)

Name:

Mobile No.:

E-mail ID:

Date:



Annexure-4

Floor wise CCTV camera requirement

| S.No | Floor | No of Camera Required | Remarks |
|------|---------------------------|-----------------------|----------|
| 1 | Perimeter | 17 | (02-PTZ) |
| 2 | Basement(AC plant/Store) | 10 | |
| 3 | Basement Parking | 10 | |
| 4 | Ground Floor | 08 | |
| 5 | Mezzanine | 02 | |
| 6 | 1 st Floor | 11 | |
| 7 | 2 nd Floor | 09 | |
| 8 | 3 rd Floor | 10 | |
| 9 | 4 th Floor | 08 | |
| 10 | 5 th Floor | 09 | |
| 11 | 6 th Floor | 09 | |
| 12 | 7 th Floor | 09 | |
| 13 | 8 th Floor | 06 | |
| 14 | 9 th Floor | 11 | |
| 15 | 10 th Floor | 04 | |
| 16 | Terrace lobby | 02 | |
| 17 | Control room | 01 | |
| 18 | Lift | 04 | |
| | Total | 140 | |

Note: All CCTV cameras used for Parking (ground floor and basement) and other cameras installed in open will be bullet cameras.



Annexure – 5

No. _____

Date:

To:
**Circle Head & VP,
Sbi Infra Management Solutions Pvt Ltd.,
3rd Floor, Local head Office, State Bank of India,
Bhadra, Laldarwaja,
Ahmedabad-380001**

Dear Sir,

SUBJECT: MANUFACTURERS'/PRODUCERS' AUTHORIZATION FORM

We _____ registered office at _____ having joint venture / authorized dealer etc. with _____, who are established and leading manufacturer of Digital Video Surveillance products, do hereby authorize M/s _____ having their registered office at _____ to submit quote, negotiate, supply, install and provide after sales support for our range of under mentioned products quoted by them to meet the above mentioned tender:-

| Sr.No | Product | Company | Model No. | Remarks |
|-------|---------|---------|-----------|---------|
| 1 | | | | |
| 2 | | | | |
| 3 | | | | |

2. We also confirm that the above products meet the Technical specifications/ features as per the RFP.

3. We as OEM are responsible that the System Integrator uses genuine products. We will conduct Audit of the products being installed by the System Integrator, as and when required by the Bank without any extra cost, as a service support to the Bank.

4. We hereby confirm to extend our back to back technical support and meet warranty terms of ____ years. Also, we as an OEM assure that the quoted models are not end of life and necessary spares would be provided at cost to bidder for period of **five years**, as per OEM standards for this tender/project.

5. We duly authorise the said vendor to act on our behalf in fulfilling all installations, Technical support and maintenance obligations required by the contract.

Thanking you,

Yours faithfully,

Authorised Signatories



(Name & Designation, seal of the OEM)
Contact No. E-Mail Address

Note: This letter of authority should be on the original letterhead of the manufacturer /OEM and should be signed by a person competent and having the power of attorney to bind the manufacturer. The Vendor in its Bid should include it.

(To be furnished on Vendor's letter head)



Annexure –6

Letter No:

Date:

**Circle Head & VP,
SBI Infra Management Solutions Pvt Ltd.,
3rd Floor, Circle Security Department,
State Bank Of India, Local Head Office,
Bhadra, Lal darwaja
Ahmedabad, 380001 (Gujarat)**

Dear Sir,

**SUPPLY, INSTALLATION, COMMISSIONING, TESTING, CERTIFICATION AND
MAINTENANCE OF IP AND NVR BASED CCTV SYSTEM IN STATE BANK OF INDIA , LHO
AHMEDABAD: ACCEPTANCE OF OFFER**

With reference to above, We hereby agree to accept the offer given by State Bank of India LHO Ahmedabad for Supply, Installation, Commissioning, Testing, Certification and Maintenance of IP and NVR based CCTV System in the office of State Bank of India , LHO Ahmedabad.

2. We also confirm that we will complete the CCTV system installation project as per the given schedule in the existing agreement with the Bank.

Yours faithfully,

(Signature of the Vendor)

Stamp