

**RATE CONTRACT FOR SITC OF CCTV AT STATE BANK INSTITUTE OF CREDIT &
RISK MANAGEMENT, GURUGRAM**

NIT NO	SBICRM/SECURITY-CCTV/
DATE	17.09.2021



**STATE BANK INSTITUTE OF CREDIT &
RISK MANAGEMENT (SBICRM),
GURUGRAM**

INVITES

TENDER FOR

**RATE CONTRACT FOR SUPPLY, INSTALLATION, TESTING AND
COMMISSIONING (SITC) OF CLOSED-CIRCUIT TELEVISION (CCTV)
SYSTEM IN THEIR PREMISES AT PLOT NO 77, SECTOR 18, GURUGRAM**

**THROUGH E-TENDERING
PROCESS**

**The Assistant General Manager (Admin)
State Bank Institute of Credit & Risk
Management
Plot no. 77, Sector- 18
Gurugram – 122015
Phone : 0124-4012745**

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SCHEDULE OF IMPORTANT DATES

Website For Downloading Technical documents	https://www.sbi.co.in under the link "SBI in the News" Procurement news "Procurement News"
Availability on Website	From 17.09.2021 {03:00 PM (IST)}
Tentative Date & Time for Pre-Bid meeting	24.09.2021 TIME: 03:00 PM (IST)
Last date & Time for submission of technical bid	08.10.2021 TIME: BEFORE 03:00 PM (IST)
Last date & Time for submission of indicative price bid	08.10.2021 TIME: BEFORE 03:00 PM (IST)
Tentative Date & Time for opening of technical bid	11.10.2021 TIME: 03:30 PM (IST)
Sealed Technical Bid - method of submission	ONLINE @ www.tenderwizard.com/SBIETENDER & Hard Copy in Tender Box at SBICRM, Gurugram
Financial Bid - method of submission	ONLINE
Date of opening of Price Bid (Only for Technically qualified bidders)	Will be notified later
Website for online submission of price bid	www.tenderwizard.com/SBIETENDER
For any clarification please contact	Chief Manager (Security) SBICRM, Plot No. 77, Sector 18 Gurugram 122015 e-mail – security.sbicrm@sbi.co.in Ph: 01244007659

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**COMMERCIAL TERMS AND
CONDITIONS**

1.	Name of the Work	Supply, Installation, Testing and Commissioning (SITC) of Equipment / Accessories related to CCTV at the Premises of SBICRM, Gurugram.
2.	Eligibility of the contractor	Empaneled with SBI, Delhi Circle under CCTV category for the year 2021-22.
3.	Time of period for supply & Commissioning of equipment	3 Months from the date of Purchase Order
4.	EMD	₹ 20,000.00 in favor of AGM (Administration), SBICRM, Gurugram payable at Gurugram in the form of DD.
5.	Availability of tender documents	https://bank.sbi/web/sbi-in-the-news/procurement-news www.tenderwizard.com/SBIETENDER
6.	Date of Pre-bid meeting	24.09.2021 TIME: 03:00 PM (IST)
7.	Venue of pre-bid meeting	As mentioned in SI No - 14
8.	Posting of clarifications	Through registered mail id
9.	Last date and time for submission of online tenders	08.10.2021 TIME: BEFORE 03:00 PM (IST)
10.	Address of submission of tenders (tender document & Indicative price Bid)	www.tenderwizard.com/SBIETENDER
11.	Tentative Date & Time for opening of technical bid	11.10.2021 TIME: 03:30 PM (IST)
12.	Date and Time of opening Indicative Price Bid)	Will be notified later
13.	Date & Time of Reverse auction	Will be communicated through registered mail.
14.	Address of opening of tender	Assistant General Manager (Admn), SBICRM, Plot No. 77, Sector – 18, Gurugram - 122015. Technical Bid of those firms / contractors who do not submit EMD shall be rejected. Representatives of Bidder may be present during opening of Bids. However, Bids would be opened even in the absence of any or all the bidder's representatives.
15.	Bidder Contact Details.	Bidder to provide following information. 1) Name of Company. 2) Contact Person. 3) Mailing address with Pin Code.

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		4) Telephone number and Fax number. 5) Mobile Number and E-MAIL.
16.	Agency for arranging online bidding. (For Reverse Auction)	M/s Antares Systems Ltd
17.	Defects Liability Period	12 Months
18.	Total Security Deposit	₹ 1,00,000.00 including EMD. In the form of DD or Bank Guarantee.
19.	Liquidated Damages	0.50% per week subject to max 5% of the value of work
20.	Validity	90 days
21.	Payment	No Advance will be paid. Payment will be made only after successful completion of the installation.
22.	Validity of rate Contract	One year from the date of issue of work order and it may be extended as per the Bank's requirement or next rate contract whichever is earlier.
23.	Warranty Period / AMC	One Year warranty of the equipment from the date of Commissioning. Thereafter, Two Year post-warranty Comprehensive AMC.
<p>SBI reserves the right to accept or reject any or all bids without assigning any reasons thereof, even after opening of the bids.</p>		

Assistant General Manager (Admin)
SBICRM, Gurugram

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GENERAL CONDITIONS OF CONTRACT

INTERPRETATION

In constructing these conditions, the specifications, the schedule of quantities, tender and agreement, the following words shall have the meaning herein assigned to them except where the subject or context otherwise requires.

In this connection, the following terms shall be interpreted as indicated below:

- i. **“The Employer/Bank”** ‘means the State Bank of India (including branches and other offices) and any of its employees or representative authorized on their behalf.
- ii. **“Bidder”** means an eligible entity/firm submitting the Bid.
- iii. **“The Contract”** means the agreement entered into between the Bank and the Contractor, as recorded in the Contract Form signed by the parties, including all attachments and appendices thereto and all documents incorporated by reference therein.
- iv. **“Vendor/Contractor”** is the successful Bidder to whom the work has been awarded.
- v. **“The Contract Price/Project Cost”** means the price payable to the Vendor under the Contract for the full and proper performance of its contractual obligations.
- vi. **“The Material/Product”** means all the materials along with the accessories which the contractor is required to supply to the Bank under the Contract.
- vii. **“The Works/Project”** shall mean the works to be executed or done under this contract.
- viii. **“The Site”** means locations where the proposed work is to be carried out and services as desired in this tender document are to be provided.
- ix. **“The Schedule of Quantities/BOQ”** shall mean the schedule of quantities as specified and forming part of this contract.
- x. **“Empaneled Vendor”** shall mean vendors empaneled by the Circle Security Department, LHO, New Delhi under the category – Security Equipment – CCTV.

Words importing persons include firms and corporations. Words importing the singular only, also include the plural and vice versa where the Context requires.

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1.0 SCOPE OF WORK

1.1 The State Bank of India (SBI), a body corporate constituted The State Bank of India (SBI), a body corporate constituted as per the provisions of the State Bank of India Act, 1955 having its Corporate Centre at Madame Cama Road, Mumbai - 21 and among others, one of its State Bank Institute of Credit & Risk Management (SBICRM) situated at Plot No. 77, Sector – 18, Gurugram, **invites tenders from the vendors empaneled by Circle Security Department, LHO, New Delhi under Security Equipment - CCTV category** for the year 2021-2021 for Supply, Installation, Testing and Commissioning of NVR based CCTV system in the Institute consisting of approximately 60 Nos. Dome Cameras and 60 Nos. Bullet Cameras (Total 120 cameras approx.) and related accessories / paraphernalia.

1.2 Details are given in the BOQ.

2.0 SITE AND ITS LOCATION

The proposed work is to be carried out at the precincts of SBICRM, Gurugram.

3.0 BID DOCUMENTS

The work has to be carried out strictly according to the conditions stipulated in Bid consisting the following documents and in the most workman like manner,

- NIT
- General Conditions of Contract
- Price Bid

3.2 The above documents shall be taken as complementary and mutually explanatory of one another but in case of ambiguities or discrepancies, shall take precedence in the order given below:

- Price Bid
- General Conditions of Contract
- NIT

3.3 Complete set of Bid documents can be downloaded from the Bank's website <http://www.sbi.co.in> under "SBI in the News" link "procurement news" and also at our e-procurement agency's portal www.tenderwizard.com/SBIETENDER during the period mentioned in the NIT.

4.1 BID PREPARATION:

4.2 The Bidder is advised to inspect the site and satisfy himself on his own responsibility and his own expenses all the following information and data which may be required for the purpose of preparation and submission of their bids:

4.3 The Bidder will be fully responsible for considering the financial effect of any or all the above factors while submitting his Bid. The Bank shall not be liable in any manner whatsoever for the same or for any other costs or other expenses incurred by a Bidder regardless of the conduct or outcome of the bidding process.

5.1 CLARIFICATION /AMENDMENTS AND CORRIGENDUM:

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5.2 Bidder requiring any clarification of the bidding document may notify us in writing at the address/by e-mail given in the NIT within the date/time mentioned.

5.2. The clarifications to the queries received or amendments in the tender will be posted on the Bank's website and e-tender portal as a corrigendum/Addendum. No individual communication will be conveyed to the Bidders. The interested parties/Bidders are advised to check the above website regularly till the date of submission of Bid document and ensure that clarifications / amendments issued, if any, have been taken into consideration before submitting the Bid. Such amendments/clarifications, if any, issued by the Bank will be binding on the participating Bidders. SBI will not take any responsibility for any such omissions by the Bidder. SBI, at its own discretion, may extend the deadline for submission of Bids in order to allow prospective Bidders a reasonable time to prepare the Bid, for taking the amendment into account.

5.3 Depending upon the site conditions and the Bank's requirements, a pre-Bid meeting, if required, will be held on the date and time specified in the tender which may be attended by the interested Bidders or their representatives and get their queries clarified.

5.4. SBI reserves the right to amend, rescind or reissue the tender, at any time prior to the deadline for submission of Bids.

5.5. No request for change in commercial/legal terms and conditions, other than what has been mentioned in the tender or any addenda/corrigenda or clarifications issued in connection thereto, will be entertained and queries in this regard, therefore will not be entertained.

5.6. Queries received after the scheduled date and time will not be responded/acted upon.

6.1 EARNEST MONEY DEPOSIT (EMD):

6.2 The Bidder shall submit, as part of its Bid, an EMD as stipulated in the form of Demand Draft or Banker's Cheque in favor of "AGM ADMIN, SBICRM, GURUGRAM" drawn on any Bank in India. EMD in any other form other than as specified above will not be accepted. **Bid not accompanied by the EMD as above shall be rejected.** No interest will be paid on the EMD.

6.3 The EMD of the unsuccessful Bidder shall be refunded soon after the decision to award the contract is taken. EMD of successful Bidder will be retained as a part of security deposit.

6.4 The EMD shall stand absolutely forfeited: -

a. if the finally selected bidder revokes his Bid at any time during the period when he is required to keep his Bid open for acceptance by the SBI

(or)

b. after the bid is accepted by SBI, the vendor refuses to enter into a formal agreement with the Bank

(or)

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- c. the bidder fails to pay the initial security deposit as stipulated
(or)
- d. the bidder fails to commence the works within the stipulated time.

6.5 If the tendering process is delayed for any reason, the Bank will insist on the revalidation of the DD and the bidder has to get it revalidated and submit again.

7.1 BID SUBMISSION

7.2 Only those bidders satisfying the eligibility criteria given in the NIT need to apply. Tenders should be submitted online in the website www.tenderwizard.com/SBIETENDER. Bidder should log into the site well in advance for bid submission so that he/she upload the bid in time i.e. on or before the bid submission time. The server time (which is displayed on the online portal dashboard) will be considered as the standard time for referencing the deadlines for submission of the bids by the bidders, opening of bids etc. The bidders should follow this time during bid submission. Bidder will be responsible for any delay due to other issues.

7.3 The bidders should submit their bids online with their valid digital certificate, which confirms that the bidders have read and understood the tender terms and conditions. Claiming ignorance of all the terms and conditions in this tender either before or after the PO is issued or during the progress of the work will not be accepted.

7.4 The bidder shall submit the documents enlisted in the checklist in the NIT in the soft copy format. i.e. scanned copy of the documents either in PDF or JPEG format as required. The SBI will not be held responsible for any sort of delay or the difficulties faced during the submission of bids online by the bidders. The bidder should see that the bid documents submitted should be free from virus and if the documents could not be opened, due to virus, during tender opening, the bid is liable to be rejected.

7.5 The bidder shall submit his quotes **online** through the PRICE BID in the e-procurement portal. The price bid will be opened only if the Bid is **unconditional** and the bidder qualifies as per eligibility criteria and meets technical specifications.

7.6 If required, SBI shall conduct e-reverse auction among the qualified bidders and the same shall be communicated to the bidders.

7.7 No claim for submission of offline bids will be entertained. Such bids will not be considered.

8.1 PRICE BID: RATES QUOTED BY BIDDER

8.2 The contractor shall satisfy himself before Bidding as to the correctness and sufficiency of his Bid for the works and the rates/ amounts stated in the schedule of quantities and / or the schedule of rates and amount as provided covering all his obligations under the contract and all matters necessary for proper completion of the works expected in this document.

8.3 The rate quoted shall be firm and shall include costs of all materials, loading, transport, unloading, Installation charges, wastage of materials during execution, levies,

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Octroi (if applicable), local body taxes (if applicable), all type of Insurance Charges, temporary works such as scaffolding, cleaning, overheads, profit, statutory expenses, incidental charges and all related expenses to complete the work etc.

8.4 Unless otherwise provided in the Schedule of Quantities/Specifications, the rates tendered by the contractor shall be all inclusive and shall apply to all heights, lifts, leads and depths of the work and No extra charges will be paid over and above the contract amount on account of any other charges (existing or future addition) or on any other account.

8.5 The GST shall be paid extra as applicable.

8.6 Rate Revision in the contract amount is not permitted during the validity period of the contract for any reason including during the extended period, if any.

8.7 Any request for review of the price bid after the bid opening will not be entertained.

8.8 The quoted rate should be inclusive of all duties, transportation, loading and unloading, (excluding GST. GST will be paid by the Bank), levies, transit insurance. No increase in the above rate is acceptable to the SBI. The rates shall be firm throughout the tender validity period. No variation in the quoted rates subsequently will be allowed and no additional claims other than quoted rates will be entertained.

Note: The price quoted by the bidder will be an indicative price for the respective item. The tenders received by the SBI will be evaluated and e-Reverse auction will be conducted over the reserved price fixed by the SBI. After the Closure of e- Reverse auction, the lowest bidder has to submit the Price confirmation letter & detailed breakup for his offer (in the same format of 'Revised Indicative Price Bid) containing the final rates of all the items calculated by multiplying all the rates quoted by them against each item in the indicative price bid with '**K**' factor.

Please note that "**K**" Factor is the ratio of the total amount quoted by the lowest bidder through e-Reverse auction and the total amount quoted by him in the Indicative Price Bid.

9.1 OPENING AND EVALUATION OF BIDS

9.2 The online Bids will be opened at the office of the AGM (Admin), SBICRM, Gurugram. Representatives of Bidder may be present during opening of Bids. However, Bids would be opened even in the absence of any or all the bidder's representatives.

9.3 In the two-bid system, the technical bids will be opened at the scheduled time mentioned in the NIT. In case, if the date of opening is declared as nonworking day or Holiday, the bids will be opened on the next working day. The price bid of the qualified vendors will be opened on the same day or on a subsequent date which will be intimated to the bidders.

9.4 VALIDITY OF BID

Bids shall remain valid and open for acceptance for a period stipulated in this document from the date of opening of price bid. If the Bidder withdraws his/her offer during the validity period or makes modifications in his/her original offer, which are not acceptable to the Bank, without prejudice to any other right or remedy, the Bank shall be at liberty to

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forfeit the EMD.

10.1 PRELIMINARY EXAMINATION

10.2 M/s SBI will examine the Bids to determine whether they are complete, on required formats & accompanied by supporting Documents and the Bids are conforming to all the terms and conditions of the Bidding Document without any deviations and are generally in order.

10.3 If a Bid is not conforming to the terms and conditions, it will be rejected. However, SBI will have right to demand submission of more information as required, if any of the document is partly submitted. If the bidder does not respond within the stipulated time, SBI will reject or disqualify the bid.

11.1 TECHNICAL EVALUATION

11.2 Only those Bidders and Bids who have been found to be in conformity of the eligibility terms and conditions during the preliminary evaluation would be taken up for further detailed evaluation. Those Bids who do not qualify the eligibility criteria and all terms during preliminary examination will not be taken up for further evaluation.

11.3 During evaluation of bids, the SBI may, at its discretion ask the bidders for clarification of its bid. The request for clarification shall be in writing and no change in prices or substance of the bid shall be sought, offered or permitted. No post bid clarification at the initiative of the bidder shall be entertained.

11.4 The tenders must be unconditional. Conditional tenders leading to unknown / indefinite liability may be summarily rejected.

12.1 EVALUATION OF PRICE BIDS AND FINALIZATION

12.2 Only those Bidders who qualify in Technical evaluation would be shortlisted and the online price bid submitted by the bidder will be opened.

12.3 The L1 Bidder will be selected on the basis of net total of the price evaluation as quoted in the Online Percentage rate bidding or Reverse Auction (if conducted).

13.1 CONTACTING THE BANK:

13.2 No Bidder shall contact Bank on any matter relating to its Bid, from the time of opening of Price Bid to the time the Contract is awarded.

13.3 Any effort by a Bidder to influence Bank in its decisions on Bid evaluation, or contract award may result in rejection of the Bid.

14.1 AWARD OF WORKS

14.2 SBI will award the Contract to the successful Bidder whose Bid is the lowest evaluated Bid.

14.3 Bank reserves the right at the time of award of contract to increase or decrease

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the quantity of work and / or services from what was originally specified while floating the tender, without any change in unit price or any other terms and conditions.

14.4 BANK'S RIGHT TO ACCEPT ANY BID AND TO REJECT ANY OR ALL BIDS

Bank's 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 award of the contract, without incurring any liability to the affected Bidder or Bidders or any obligation to inform the affected Bidder or Bidders of the grounds for the Bank's action.

14.5 The acceptance of a tender rests with the Competent Authority, who does not bind himself to accept the lowest tender and reserves to himself the authority to reject any or all of the tenders received, without assigning any reasons. All tenders in which any of the prescribed conditions are not fulfilled or are incomplete in any respect are liable to be rejected.

14.6 The notification of award will constitute the formation of the Contract. The selected Bidder should convey acceptance of the award of contract by returning duly signed and stamped duplicate copy of the PO within 15 days of receipt of the communication and to enter into an agreement with the Bank.

16.0 SIGNING OF CONTRACT DOCUMENTS

The successful Bidder shall be bound to execute the Agreement within 15 days from the receipt of intimation of acceptance of his Bid by Bank. However, the written acceptance of the Bid by the Bank will constitute a binding agreement between the Bank and successful Bidder pending execution of formal agreement. All expenses, stamp duty and other charges/ expenses in connection with the execution of the Agreement as a result of this tendering process shall be borne by the successful bidder.

17.0 EXECUTION OF WORKS:

Work to be executed as per the technical specifications mentioned / specified in the NIT

18.1 MATERIALS, WORKMANSHIP, SAMPLES, TESTING OF MATERIALS

18.2 All the works specified and provided for in the specifications or which may be required to be done in order to perform and complete any part thereof shall be executed in the best and most workman like manner with materials of the best and approved quality of the respective kinds in accordance with the particulars contained in and implied by the specifications and as represented by the drawings or according to such other additional particulars, and instructions as may from time to time be given by Bank during the execution of the work and to his entire satisfaction. The Contractor shall use only products bearing ISI marking in the work for those materials for which no makes are mentioned in the tender.

18.3 No refurbished, second hand and spurious materials should be used. If required, the contractor has to submit the details of the source of his purchase of materials to Bank.

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Bank reserves its right to enquire and collect data from the supplier to confirm the authenticity of the materials. Bank has the right to stringent action against the contractor, as deemed fit, in addition to suspend / cancel the contract.

18.4 Contractor should get approval of the samples of materials in advance with Bank Engineer before use of the same in the work. Should the contractor desire to substitute any specified materials with "Equal" or "Other approved" etc., he/they must obtain the specific approval of the Bank in writing for any such substitution, well in advance.

18.5 Samples of all materials to be used must be submitted when so directed by Bank. If required, the contractor shall have to carry out tests on materials in approved materials testing laboratories or as prescribed by Bank at his own cost to prove that the materials etc., under test conform to the relevant I.S Standards or as specified in the specifications. The necessary charges, transporting, testing etc., shall have to be borne by the contractor. No extra payment on this account will be entertained.

18.6 If the contractor has used any material which is not complying with the specifications, or the workmanship is bad, or the material used is substandard or second hand etc. Bank shall during the progress of the work have power to order the removal and substitution of the material or proper re-execution of the work within a reasonable time. In case the contractor refuses to comply with the order, Bank shall have the power to employ other agencies to rectify or re- execute the work at the cost and risk of the contractor.

18.7 Any damage (during the work) to any part of the work or to the premises for any reasons due to rain, storm or neglect of contractor shall be rectified by the contractor in an approved manner at no extra cost.

18.8 Should the work be suspended by reason of rain, strike, lockouts or any other cause, the contractor shall take all precautions necessary for the protection of work and at his own expenses, shall make good any damage arising from any of these causes.

18.9 When the employer observes that the progress of the work is not satisfactory or very slow or not in a workmanship manner or of poor quality or violative of safety protocols etc., the contractor shall be issued a suitable advise to rectify the same or replace the materials or redo the entire work, within a reasonable time frame. If the contractor could not rectify the things within the time frame given, in the interest of the work, the Employer reserves the right to execute any part of the work included in this contract or the entire work by any other Agency or persons and contractor shall allow all reasonable facilities and extend cooperation for the execution of such work.

18.10 All expenses consequent thereon or incidental thereto as certified by Bank shall be borne by the contractor or may be deducted from any money due to or that may become due to the contractor. No certificate shall relieve the contractor from his liability in respect of unsound work or bad materials.

18.11 The Installation should happen during and after office hours and during holidays without creating any disturbance to the occupants.

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18.12 As part of the execution of the above work the vendor should clear the debris then and there. If it is not done, the Bank will arrange for removal and recover the cost from the Bidder.

18.13 The Vendor should arrange with his own labour to put in place any furniture/workstations/chairs or any other item which was disturbed / moved for executing the above contract.

18.14 The technicians engaged by the bidder shall be well mannered. The vendor is responsible for the conduct of the technicians and any other employees/persons of the Vendor inside Bank's premises.

18.15 The cable laying in the SBICRM premises shall be through the ducts, pipes etc. Any road cutting and underground laying of cables will be done by the vendor in such a manner as not to disrupt the existing ambience of the premises. Vendor will ensure proper restoration of the dug-up areas such as roads, lawns etc.

18.16 Any damages to the Bank's property on account of the above will be suitably recovered from the bills of the vendor.

18.17 The cables/wires shall be laid through PVC conduits/existing cable tray and fixed in ceiling or wall saddle at minimum 450 mm center to center or as directed.

18.18 Only for the underground cabling wherever required, good quality PVC water pipes will be used.

19.1 PERIOD OF CONTRACT & EXTENSION OF TIME

19.2 Time is the essence of the contract. The Contract shall be executed within the stipulated period in the NIT. No request for extension will be entertained and the bidder has to plan and mobilize his resources for the satisfactory completion of the project within the time period agreed in the tender.

19.3 If in the opinion of the Employer, the work is delayed due to the following reasons not attributable to the contractor, the employer shall make a fair and reasonable extension of time, for completion of the Contract works

- a) By force majeure (or)
- b) By reason of any exceptionally inclement weather (or)
- c) By reason of proceedings taken or threatened by or dispute with adjoining or neighboring owners of public authorities arising other than through the Contractor's own default (or)
- d) By the works not referred in the Schedule of Quantities or specifications (or)
- e) By reason of civil commotion, workmen strike or lock-out (or)
- f) In consequence of the Contractor not having in due time, necessary instructions from the Employer for which he shall have specifically applied in writing ahead of time, giving reasonable time to prepare such instructions

19.4 In case of such strike or lock-out, the Contractor shall as soon as possible give written notice thereof to the employer, but the Contractor shall nevertheless constantly use his endeavors to prevent delay and shall do all they may reasonably be required, to

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the satisfaction of the employer to proceed with the work.

19.5 In case the work is held up for any site conditions not attributable to the contractors or for any decisions instructions / want of details from Employer or for any of the conditions, the contractor shall be allowed reasonable extension of time by the employer but any claim for idle labor shall not be entertained by the employer. Contractor's quoted rates should include for all such contingencies.

20.1 PAYMENT TERMS

- i) No advance payment whatsoever will be made.
- ii) No part payment will be made. For certain works, part payment will be considered if stipulated in the NIT.
- iii) Payment shall be made by way of Electronic fund transfer and the bill will be paid by SBICRM.
- iv) Contractor should furnish details of the bank a/c no, IFSC code along with their invoices.

20.2 Part / Interim payment is paid as per the payment terms mentioned in the NIT. All the interim payments shall be regarded as payments by way of advance against the final payment only and not as payments for work actually done and completed, and shall not preclude the requiring of bad, unsound, and imperfect or unskilled work to be removed and taken away and reconstructed, or re-erected or be considered as an admission of the due performance of the contract, or any part thereof in any respect or the accruing of any claim, nor shall, it conclude, determine or affect in any way the power of the Employer under these conditions or any of them as to the final settlement and adjustment of the accounts or otherwise or in any other way vary or affect the contract.

20.3 If the Bank has supplied any materials or goods to the contractor, the cost of any such materials or goods will be progressively deducted from the amount due to the contractor in accordance with the quantities consumed in the work. However, power sockets wherever required will be provided by the vendor. Bank will provide the necessary UPS Connection.

20.4 The final bill shall be accompanied by a certificate of completion or Commissioning report signed by an official of the Bank Payments of final bill shall be made after deduction of Retention Money as specified, which shall be refunded after the completion of the Defects Liability Period provided the contractor has rectified all defects to the satisfaction of the Bank. The acceptance of the payment of the final bill by the contractor would indicate that he has no further claim in respect of the work executed.

20.5 **GST as applicable shall be paid extra** and the same shall be clearly shown in the invoices.

20.6 Statutory deduction towards income tax and other taxes as and when directions from statutory bodies are received will be made at the time of making payments. Currently, IT will be recovered @ 2 % plus surcharge or as applicable as per Government Rules. GST-TDS as per applicable rates will be deducted, wherever applicable.

**RATE CONTRACT FOR SITC OF CCTV AT STATE BANK INSTITUTE OF CREDIT &
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20.7 GST:

- a. It is the responsibility of the bidder to ensure that the GST is valid and active. Payments will not be made to inactive or invalid GST invoices.
- b. Reimbursement of GST will be made only on submission of proper GST invoice as per applicable GST provision. Non-GST invoices will not be accepted. The contractor should comply with the following.
- c. Contractor should have GST Registration Number
- d. Invoice should specifically disclose the amount of GST levied at applicable rate as per GST provision
- e. In case of Correction in the bills after scrutiny, contractor should submit fresh bills for payment
- f. Contractor should timely file his GST return in accordance with GST provisions to enable the bank to claim the credit of GST paid to the contractor

g. The GST Number of SBICRM - 06AAACS8577K3ZR

20.8 The works will be paid for as “measured work” on the basis of actual work done and not as “lump sum” contract, unless otherwise specified.

20.9 All items of work described in the schedule of quantities are to be deemed and paid as complete works in all respects and details including preparatory and finishing works involved, directly related to and reasonably detectable from the drawings, specifications and schedule of quantities and no further extra charges will be allowed in this connection. In the case of lump- sum charges in the tender, in respect of any items of work, payment will be made for the actual work done, on the basis of lump sum charges, as will be assessed by Bank.

21.1 SECURITY DEPOSIT

21.2 Security Deposit shall be paid as specified in the NIT in favor of the Bank, unless or otherwise specified.

21.3 The successful Bidder will have to submit SD by means of D/D within a period of 15 days of acceptance of Bid

21.4 No interest shall be paid on the amount retained by the Bank as Security Deposit.

22.0 PENALTY CLAUSE

The successful bidder shall execute the work in a workmanship like manner and complete the work within the stipulated period in the NIT. If the work is delayed beyond the stipulated period for reasons attributable to the bidder, Bank shall penalize them a penalty @ 0.5% per week for every week of delay or part thereof beyond the scheduled date of completion, in any case, not exceeding 5% of the contract value or the completed value of work.

23. VARIATION IN QUANTITY / SUBSTITUTION OF ITEM

RATE CONTRACT FOR SITC OF CCTV AT STATE BANK INSTITUTE OF CREDIT & RISK MANAGEMENT, GURUGRAM

23.1 The Schedule of Quantities unless otherwise stated shall be deemed to have been prepared in accordance with the Standard Procedure shall be considered to be approximate and no liability shall attach to the employer for any error which may be discovered therein.

23.2 The Employer reserves the right to increase or decrease or delete or omit or execute only a part or the whole or any excess thereof, as per the site requirements, without assigning any reason therefor at the time of allotment / execution of work. Contractor will be paid for the actual work done at the site. No variation shall vitiate the contract.

23.3 Bank reserves the right to order more quantities than what is mentioned in this tender (at the same rate and terms and conditions) either at the same site or other sites as per the need within the validity of this tender.

23.4 The price of all additional items/non-tendered items will be worked out on the basis of rates quoted for similar items in the contract wherever existing. If similar items are not available, the rates for such items will be derived as per standard method of rate analysis based on prevalent fair price of labor, material and other components as required with 15% towards contractor's profit and overheads.

24. CONTRACTOR'S EMPLOYEES

24.1 The Contractor shall employ technically qualified / having appropriate skill and competent persons fully trained and adequately experienced technicians, who are medically fit. They should be free from any contagious diseases. The technicians shall be well mannered and properly dressed at all times.

24.2 The contractor shall provide necessary training on safety measures while executing the work wherever necessary so as to avoid accident. The Bank shall not be responsible for any accident occurred or damage incurred or claims arising there from during the execution of work. The contractor shall also provide all risk insurance policy including third party insurance as may be necessary to cover the risk.

24.3 The contractor / firm shall be held responsible for any misdeeds / misbehavior of their employees within the premises. Bank is not responsible for any damages or claims on account of the misbehavior / misdeeds of his employees. For this purpose, any person supplied by the contractor to be engaged on the work on regular basis or as an alternate arrangement, under the direct order or control of the Employer or his representative shall be deemed to be a person employed by the contractor.

24.4 The contractor shall on the request of the Employer immediately dismiss from works any person employed thereon by him, who in the opinion of the Employer be unsuitable or incompetent or who may misconduct. Such discharges shall not be the basis of any claim for compensation or damages against the Employer or any of their officer or employee.

24.5 No employee of the Bank is allowed to work as a contractor for a period of 2 years

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of his/her retirement from Bank Services without previous permission of the Bank. This contract is liable to be cancelled, if either the contractor or any of his employees is any time to be such a person who had not obtained the permission of Bank as aforesaid before submission of the tender or engagement in the contractor's service.

24.6 Contractor should not engage child labor in any of the activities in this contract.

24.7 The contractor shall not employ person who is not an Indian National.

24.8 The Electrician shall not overstay in the Bank premises other than the time permitted by the Bank or in the odd hours or holidays unless or otherwise required by the Branch for specific reasons like maintenance, repair works etc.

24.9 In respect of all labor employed directly or indirectly on the work for the performance of the contractor's part of work, the contractor at his own expense, will arrange for the safety provisions as per the statutory provisions, B.I.S recommendations, factory act, workman's compensation act, CPWD code and instructions issued from time to time.

24.10 The Contractor's workmen will not have any right whatsoever to get absorbed in the Bank. The Contractor shall be responsible for all the claims of the employees of the Contractor and shall not make and claim whatsoever against the Bank. The Contractor shall be responsible for all statutory requirements e.g. ESI, PF, labor registrations, Insurance coverage etc. The operator is responsible for compliance of all the rules & safety regulations etc.

24.11 Minimum wages as prescribed by the Labor Act shall be payable to the operator(s) by the contractor as the case may be. The Contractor shall bind himself and keep the Employer saved harmless and indemnified against claims if any of the workmen and all costs and expenses as may be incurred by the Employer in connection with any claim that may be made by any workmen.

25. WORKING HOURS AT THE SITE

As instructed by Bank. Contractor to ensure that the routine operations at the site are not affected by the contract work. If required, they have to work on the Bank Holidays in coordination with other agencies and Bank.

26.1 SUBCONTRACTING

26.2 The whole of the works included in the contract shall be executed by the contractor and the contractor shall not directly or indirectly transfer, assign or underlet the contract or any part, share or interest therein nor, shall take a new partner, without written consent of the Employer and no subletting shall relieve the contractor from the full and entire responsibility of the contract or from active superintendence of the work during their progress

27.1 STORAGE OF MATERIALS

27.2 The contractor shall store their materials like fixtures, cables, conduits, wires, tools

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etc in the site with the permission of the Bank. However, the contractors shall be responsible for the custody and security of all materials and equipment at site. No claim for loss or theft will be entertained by Bank.

27.3 Shelter or stay and other amenities for the electricians have to be arranged by the contractor at his own expense and responsibility.

27.4 On completion of the works, the contractor shall remove all tools, surplus materials, rubbish and temporary works of every kind and leave the whole of the site and the works clean and in a workmanlike condition to the satisfaction of the Bank

28.1 FORCE MAJEURE

28.2 Notwithstanding the provisions of General terms and conditions of the Contract, the contractor shall not be liable for forfeiture of its performance security, liquidated damages, or termination for default if and to the extent that the delay in performance or other failure to perform its obligations under the Contract is the result of an event of Force Majeure.

28.3 For the purposes of this clause, 'Force Majeure' means and includes wars, insurrections, revolution, civil disturbance, riots, terrorist acts, public strikes, hartal, bandh, fires, floods, epidemic, quarantine restrictions, freight embargoes, declared general strikes in relevant industries, Vis Major Act of Government, impeding reasonable performance of the Contractor and / or Sub-Contractor but does not include any foreseeable events, commercial considerations or those involving fault or negligence on the part of the party claiming Force Majeure.

28.4 If a Force Majeure situation arises, the Vendor shall promptly notify the Bank in writing of such condition and the cause thereof. Unless otherwise directed by the Bank in writing, the Vendor shall continue to perform its obligations under the Contract as far as is reasonably practical, and shall seek all reasonable alternative means for performance not prevented by the Force Majeure event.

29.1 COMPLIANCE OF STATUTORY REGULATIONS

29.2 The contractor shall conform to the provisions of any Acts of the Legislature relating to the work, and to the Regulations and Bye-Laws of any authorities like Electricity, Pollution Control Boards, Municipal Authorities, Water and Sewerage Boards and shall before making any variations from the drawings or specifications that may be associated to so conform, give the Employer written notices specifying the variations proposed to be made and reasons for making them and apply for instruction thereon. The Employer on receipt of such intimation shall give a decision within a reasonable time.

29.3 The contractor/s shall arrange to give all notices required for by the said Acts, Regulations or Bye-laws to be given to any authority, and to pay to such authority or to any public officer all fees that may be properly chargeable in respect of the work and lodge the receipts with the Employer. The Contractor shall indemnify the Employer

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against all claims in respect of patent rights, designs, trademarks or name or the protected rights in respect of any equipment, machine, work or material used for or in connection with the works or temporary works and from and against all claims, demands, proceedings, damages, costs, charges, and expenses whatsoever in respect thereof or in relation thereto. The Contractor shall defend all actions arising from such claims, unless he has informed the Employer, before any such infringement and received their permission to proceed and shall himself pay all royalties, license fees, damages, coat and charges of all and every sort that may be legally incurred in respect thereof.

29.4 The contractor should strictly abide by the Central/State labor regulation for the Minimum Wages, Payment of wages, Workmen Compensation, PF, ESI, Contract labor, including the latest amendments, if any and other safety regulations.

29.5 The contractor shall keep the Employer saved harmless and indemnified against claims if any of the workmen and all costs and expenses as may be incurred by the Employer in connection with any claim that may be made by any workmen.

30.1 INSURANCE & DAMAGE TO PERSONS AND PROPERTY ETC.

30.2 The insurance shall be for an amount equal to 110 percent of the value of the contract on "All Risks" basis, valid until the Completion of the project or handing over whichever is later.

30.3 Should any loss or damage occur, the Vendor shall initiate and pursue claim till settlement and promptly make arrangements for repair and / or replacement of any damaged item to the satisfaction of the Bank, irrespective of settlement of claim by the underwriters.

30.4 The contractor shall be responsible for all injury to the work or workmen to persons, animals or things and for all damages to the structural and / or decorative part of property which may arise from the operations or neglect of himself or of any sub-contractor or of any of his or a sub-contractor's employees, whether such injury or damage arise from carelessness, accident or any other cause whatsoever in any way connected with the carrying out of this contract.

30.5 The contractor shall reinstate all damages of every sort mentioned in this clause so as to deliver the whole of the contract works complete and perfect in every respect and so as to make good or otherwise satisfy all claims for damages to the property of third parties.

30.6 The contractor shall affect the insurance necessary and indemnify the Employer entirely from all responsibility in this respect.

30.7 The contractor shall be responsible for anything, which may be excluded from damage to any property arising out of incidents, negligence or defective carrying out of this contract.

30.8 The Employer shall be at liberty and is hereby empowered to deduct the amount

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of any damages, compensations, costs, charges and expenses arising or accruing from or in respect of any such claim or damages from any sums due to or to become due to the contractor.

31. TERMINATION OF CONTRACT BY BANK

If the contractor being a company go into liquidation whether voluntary or compulsory or being a firm shall be dissolved or being an individual shall be adjudicated insolvent or shall make an assignment or a composition for the benefit of the greater part, in number of amount of his creditors or shall enter into a Deed or arrangement with his creditors, or if the Official Assignee in insolvency, or the Receiver of the contractor in insolvency, shall repudiate the contract, or if a receiver of the contractor's firm appointed by the court shall be unable within fourteen days after notice to him requiring him to do so, to show to the reasonable satisfaction of the Bank that he is able to carry out and fulfill the contract, and if so required by the Bank to give reasonable security therefore, or if the contractor shall suffer execution to be issued, or shall suffer any payment under this contract to be attached by or on behalf of and of the creditors of the contractor, or shall assign, charge or encumber this contract or any payments due or which may become due to contractor, there under, or shall neglect or fail to observe and perform all or any of the acts matters of things by this contract, to be observed and performed by the contractor within three clear days after the notice shall have been given to the contractor in manner hereinafter mentioned requiring the contractor to observe or perform the same or shall use improper materials of workmanship in carrying on the works, or shall in the opinion of the S Bank not exercise such due diligence and make such progress as would enable the work to be completed within due time agreed upon, and shall fail to proceed to the satisfaction of the Bank after three clear das notice requiring the contractor so to do shall have been given to the contractor as hereinafter mentioned or shall abandon the contract, then and in any of the said cases, the Bank may notwithstanding previous waiver determine the contract by a notice in writing to the effect as hereinafter mentioned, but without thereby effecting the powers of the Bank of the obligations and liabilities of the contractor the whole of which shall continue in force as fully as if the contract, had not been so determine and as if the works subsequently executed by or on behalf of the contractor (without thereby creating any trust in favor of the contractor) further the Bank or his agent, or servants, may enter upon and take possession of the work and all plants tools scaffolding sheds machinery, steam, and other power, utensils and materials lying upon premises or the adjoining lands or roads and sell the same as his own property or may employ the same by means of his own servants and workmen in carrying on and completing the works or by employing any other contractors or other persons or person to complete the works, and the contractor shall not in any way interrupt or do any act, matter or thing to prevent or hinder such other contractors or other persons or person employed from completing and finishing or using the materials and plants for the works when the works shall be completed, or as soon thereafter as conveniently may be the Bank shall give notice in writing to the contractor to remove his surplus materials and plants and should the contractor to remove his surplus materials after receipt by him the Bank may sell the same by Public Auction and shall give credit to the contractor for the amount so realized. Any expenses or losses incurred by the contractor for the amount so realized. Any expenses or losses incurred by the Bank in getting the amount payable to the contractor by way of selling his tools and plants or due on account of work carried out by the contractor prior to engaging other contractors or against the Security Deposit.

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32.1 DISPUTES/ARBITRATION:

32.2 All disputes or differences whatsoever arising between the parties out of or in connection with this contract or in discharge of any obligation arising out of the Contract (whether during the progress of work or after completion of such work and whether before or after the termination of this contract, abandonment or breach of this contract), shall be settled amicably.

32.3 If however, the parties are not able to solve them amicably, either party (SBI or Vendor), give written notice to other party clearly setting out there in specific dispute(s) and/or difference(s) and shall be referred to a sole arbitrator mutually agreed upon, and the award made in pursuance thereof shall be binding on the parties.

32.4 In the absence of consensus about the single arbitrator, the dispute may be referred to joint arbitrator; one to be nominated by each party and the said arbitrators shall nominate a presiding arbitrator, before commencing the arbitration proceedings. The arbitration shall be settled in accordance with the applicable Indian Laws. Any appeal will be subject to the exclusive jurisdiction of courts of Punjab & Haryana.

32.5 The Vendor shall continue work under the Contract during the arbitration proceedings unless otherwise directed by the Bank or unless the matter is such that the work cannot possibly be continued until the decision of the arbitrator is obtained.

32.6 Arbitration proceeding shall be held at Mumbai, India, and the language of the arbitration proceedings and that of all documents and communications between the parties shall be in English.

33. Governing Language:

All communication with respect to the Bid, clarifications, replies, contract documents etc shall be in English.

34. Safety Guidelines for the Contractor:

The Contractor should follow the following General safety Guidelines while executing the work:

34.1 Smoking is strictly prohibited at workplace.

34.2 No one is allowed to work at or more than three meters height without wearing safety belt and anchoring the lanyard of safety belt to firm support preferably at shoulder level. Chinstrap of safety helmet shall be always on and safety boot is worn.

34.3 Usage of eye protection equipment shall be ensured when workmen are engaged for grinding, chipping, welding and gas cutting. For other jobs eye protection has to be provided as per the need.

34.4 All safety appliances like Safety shoes, Safety gloves, Safety helmet, Safety belt, Safety goggles etc. shall be arranged before starting the job.

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34.5 Excavated pits for earthing, cable laying shall be barricaded till the backfilling is done. Safe approach to be ensured into every excavation.

34.6 Preferably the work shall be carried out during the daytime. However, adequate illumination at workplace shall be ensured in case any work is carried out at night.

34.7 All the dangerous moving parts of the portable / fixed machinery being used shall be adequately guarded.

34.8 Ladders being used at site shall be adequately secured at bottom and top. Ladders shall not be used as work platforms.

34.9 Debris, scrap and other materials to be cleared from time to time from the workplace and at the time of closing of work every day. Dismantled Material shall not be thrown from the height and shall be properly disposed to prevent any injury to public/staff.

34.10 Other than electricians no one is allowed to carry out electrical connections, repairs on electrical equipment or other jobs related thereto.

34.11 All electrical connections shall be made using 3 or 5 core cables, having an earth wire.

34.12 Inserting of bare wires for tapping the power from electrical sockets is completely prohibited and plug tops of suitable capacity only shall be used.

34.13 All the unsafe conditions, unsafe acts identified by contractors, reported by Bank to be corrected on priority basis.

34.14 No children or physically challenged persons shall be allowed to enter the workplace and shall not be utilized for any service during execution of the work.

34.15 All the Gas cutting, sharp tools, flammable materials and tackles shall be stored properly and safely when not in use.

34.16 Clamps shall be used on Return cables to ensure proper earthing for welding works.

34.17 Return cables shall be used for earthing.

34.18 All the pressure gauges used in gas cutting apparatus shall be in good working condition and in case of any leakages, the same shall not be used.

34.19 Proper eye washing facilities shall be made in areas where chemicals are handled.

34.20 Connectors and hose clamps are used for making welding hose connections.

34.21 Tapping of power by cutting electric cables in between must be avoided. Proper junction boxes must be used.

35. MANUFACTURER'S AUTHORIZATION FORM (MAF)

35.1 The selected vendor should have Manufacturer's Authorization Form (MAF) in original with clear validity date.

35.2 The vendor should produce back-to-back agreement with each of the equipment Manufacturer, to give direct support for maintenance, spares and upgrades for a minimum period of 5 years (including warranty period).

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- 35.3 The products proposed by the vendor should be from OEM which should be BIS/ISI marked / ERTL or equivalent lab test certificate issued by Govt. of India Electronics Test Laboratory / UL (Underwriters Laboratories Inc) or CE ("European Conformity") certified.
- 35.4 The make and type of the products must conform to Bank's requirement and must be specified by the Company. The manufacturer of the equipment must have a sound and well documented quality framework. A proof of the same is required to be provided by the vendor.
- 35.5 **Product Literature:** Technical Specifications/ Brochure of the product should be made available with the offered product.

36. DOCUMENTS COMPRISING THE BID

- 36.1 Manufactures/ Producers Authorization Form.
- 36.2 Proof of empanelment with SBI, Delhi Circle under CCTV Category for the year 2021-22
- 36.3 All submitted documents should be complied in accordance with the clauses in the BID document and duly signed by the authorized representative of the Vendor and stamped with the official stamp of the Vendor on each page.
- 36.4 The Price bid (Indicative and e-reverse auction) should be submitted online.
- 36.5 If the envelope is not properly sealed and marked, the bid will be rejected.

READ, UNDERSTOOD AND ACCEPTED

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Annexure - 1

FORM OF SUBMISSION OF TENDER

(To be filled by the tenderer)

The Assistant General Manager

(Admin)

SBICRM, Plot No. 77

Sector - 18

Gurugram – 122015

Dear Sir/s,

**Ref: TENDER FOR SUPPLY, INSTALLATION, TESTING & COMMISSIONING (SITC) OF
EQUIPMENT / ACCESSORIES RELATED TO CCTV AT THE PREMISES OF SBICRM,
GURUGRAM**

I/We have examined the above tender and subsequent pre-bid clarifications/ modifications / revisions, if any, furnished by Bank and I/We have inspected the site of works and have made me / us fully acquainted with the local conditions in and around the sites of works and offer to undertake Contract as detailed in this tender by submitting my/our online bids in the Bank's e-tender portal.

2. While submitting this Bid, I / We certify that:

i) The undersigned is authorized to sign on behalf of the Bidder and the necessary support document delegating this authority is uploaded along with the bid.

ii) We certify that we have not made any changes in the contents of the tender document read with its amendments/clarifications provided by Bank, submitted by us in our Bid document.

iii) The rate quoted in the *price Bids are as per the tender* and subsequent pre-Bid clarifications/ modifications/ revisions furnished by the Bank, without any exception.

3. We agree to abide by all the Bid terms and conditions, contents of Agreement and the rates quoted in the bid, which shall remain binding upon us.

4. If our Bid is accepted, we undertake to enter into and execute at our cost, when called upon by the Bank to do so, a contract in the prescribed form and we shall be jointly and severally responsible for the due performance of the contract.

5. Until a formal contract is prepared and executed, this Bid, together with your written acceptance thereof and your notification of award, shall constitute a binding Contract between us.

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6. It is further certified that the contents of our Bid are factually correct. We also accept that in the event of any information / data / particulars proving to be incorrect, Bank will have the right to disqualify us from the Bid.
7. 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.
8. We hereby undertake that our name does not appear in any “**Caution**” list of RBI / IBA or any other regulatory body.
9. We also confirm that we have not been **blacklisted** by any Bank / PSU / State or Central Govt departments for any reasons.
10. We confirm that we do not have any **litigation / cases** pending against us in any Bank / PSU / State or Central Govt departments.
11. We confirm that we are responsible to obtain all necessary licenses, permission, NOC from all the statutory /local authorities for the smooth execution of this contract in SBI premises.
12. We hereby confirm that all the materials/components/spare parts/equipment etc. to be supplied / used as a part of this contract shall be original / new materials / components / parts / equipment only, from respective OEMs of the products and that no refurbished / duplicate / second hand materials/components /parts/ equipment shall be supplied or shall be used.
13. For any type of deviation (to any of above or subsequent instructions), it will be my/ our responsibility to obtain the written instruction of the Engineer-in-charge for the same failing which it shall be deemed that I have carried out any such deviations at my own and I shall be duty bound to replace the all deviated material/ works from the site at my/ our cost as well as I shall be liable to penalized by the Bank as deemed fit and for all such loses made thereof, I/ we shall not have any right to arbitrate in any manner.

Yours Faithfully,

Contractor’s Signature _____

Name: _____

Address: _____

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Annexure - 2

FORM OF AGREEMENT

ARTICLES of AGREEMENT made this _____ day of _____ year 2021 between

(Hereinafter referred to as the "Employer/Bank" which expression shall, unless excluded by or repugnant to the context, includes its successors and assigns) of the ONEPART and _____ of _____

(Hereinafter referred to as "Contractor" unless excluded by or repugnant to the context, includes its successors and assigns) of the OTHER PART.

WHEREAS the Employer intends to carry out Supply, Installation, Testing & Commissioning (SITC) of Equipment / Accessories related to CCTV at SBICRM, Gurugram and shall herein after referred to as "Project".

AND WHEREAS for the purpose of the above said project, the Employer invited ONLINE E- tenders from the Vendors empaneled by LHO, Delhi under head "CCTV" for the year 2021-2022 through SBICRM, Gurugram vide its Notice Inviting Tender (No. _____ dated. _____).

WHEREAS the contractor submitted his Online Tender containing Notice Inviting Tender, General Conditions of Contract, Special conditions, Bill of Quantities, Form of Agreement, Preferred makes of materials, Form of Submission of tender, Technical Specifications etc. for the above said project, (Hereinafter collectively referred to as the "said conditions"), digitally signed as a token of his acceptance of the same, along with requisite Cost of tender and Earnest Money Deposit.

AND WHEREAS out of the Tenders received, the Tender of the contractor was found to be most suitable for the project.

AND WHEREAS the Employer through Bank has accordingly issued the work order (No. _____ dated. _____) to the contractor subject to his furnishing the requisite Security Deposit.

AND WHEREAS the Contractor has accepted the aforesaid Work Order vide his letter of acceptance No. _____ dated _____ and has also deposited with the

Employer a sum of Rs. _____ which with the Earnest Money of _____
Rs. forms the requisite Security Deposit @2 % of the accepted Tender Value of Rs. __.

NOW, therefore, it is hereby agreed to and between the parties as follows:

1) Contract documents

The following documents shall constitute the Contract Documents.

- a. This Article of Agreement.

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- b. Tender Document submitted by the Contractor including the “said conditions”, N.I.T and Schedule of quantities.
- c. All correspondence between the Employer and the Contractor from the date of issue of N.I.T and the date of issue of work order.
- d. Work order No. ___dt. _____

2) In consideration of the payments to be made to the Contractor as hereinafter provided the Contractor shall upon and subject to the said conditions, execute and complete the contracted project works and such further detailed drawings as may be furnished to the contractor by the said Employer and described in the said Specifications and the said Schedule of Quantities.

3) Notwithstanding what are stated in the N.I.T conditions of Tendering, Conditions of Contract of herein stated before, the Employer reserves itself the right of altering the nature of the work and addition to or omitting any items of work or of having portions of same carried out through another agency or otherwise and such alterations or variations shall be carried out without prejudice to this contract.

4) As mentioned above, the “said conditions” shall be read and be treated as forming part of this agreement and parties hereto will respectively be bound thereby and to abide by and submit themselves to the conditions and stipulations and perform the same on their parts to be respectively observed and preferred.

5) Any dispute arising under this agreement shall be referred to the Arbitration in a manner specified in the General Conditions of the Contract and all legal disputes shall be limited within the territorial jurisdiction of the Hyderabad thereto. The decision of the arbitration shall be final and binding on both the parties.

6) The Vendor / Contractor shall promptly notify Bank of any changes in the constitution of their firm. It shall be open to Bank to terminate the agreement on the death, retirement, insanity or insolvency of any person/s is being director/s or partner/s in the said company / firm, or on the addition or introduction of a new partner without the previous approval in writing of Bank. But in absence of and until its termination by Bank I as aforesaid, this agreement shall continue to be of full force and effect notwithstanding any changes in the constitution of the firm by death, retirement, insanity or insolvency of any of its partners or the addition or introduction of any new partners. In case of retirement / death, the surviving or remaining partners of the firm shall be jointly and severally liable for the due and satisfactory performance of the terms and conditions of the agreement.

7) The Contractor agrees and hereby keeps the Bank indemnified against all claims, actions, loss, damages, reputation loss, costs, expenses, charges, including legal expenses (Attorney, Advocates fees included) which the Bank may suffer or incur on account of any deficiency in Services rendered by The Contractor or breach of any obligations under this contract, including without limitation, breach of confidentiality obligations or any acts of commission / omission on the part of employees, agents, representatives or Sub- Contractors of the Contractor. The Contractor agrees to make good the loss suffered by the Bank.

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IN WITNESS WHEREOF THE PARTIES to their present have here under set and subscribed their hands, the day, month and year first above written.

Signed and delivered for and on behalf of

Shri. _____ its duly authorized official, In the presence of –

(Name and Address)

(Name and Address)

Signed and delivered for and on behalf of the Contractor__by

Shri _____ his duly authorized representative, in the presence of

(Name and Address)

(Name and Address)

**RATE CONTRACT FOR SITC OF CCTV AT STATE BANK INSTITUTE OF CREDIT &
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Annexure - 3

Proforma for Performance Bank Guarantee

(On Non-Judicial Stamp Paper of appropriate value purchased in the name of the issuing bank)

To,

User Department Address

(Hereinafter referred to as "SBI/you")

Whereas consequent to your Notice Inviting Tender (NIT) dated.....you have awarded the contract vide letter No..... datedto M/s having its Corporate Office at hereinafter referred to as "the Contractor") to

Whereas as per the payment terms of the said TENDER the Contractor has to submit a Bank Guarantee from any scheduled commercial bank, **other than SBI in favor of you.**

And whereas, we Bank, having our branch office at (hereinafter referred to as "the Guarantor"), on the request of the Contractor hereby expressly and unreservedly undertaken and Guarantee to pay to you, a sum not exceeding Rs.____/- (Rupees _____ only), in the event of any breach by the Contractor of the obligations under the contract, or reasons attributable to the Contractor on account of the same. This Guarantee shall be limited to an amount not exceeding Rs._____-/- (Rupees _____ only). You may raise a demand on us in writing stating the amount claimed under the Guarantee and on receipt of your claim in writing, without any demur, protest or contest and without any reference to the Contractor, we the Guarantor shall make the payment under this Guarantee to SBI within 24 hours of receipt of written claim / demand.

We the Guarantor, further confirm that a mere letter from the SBI that there has been a breach by the Contractor of its obligations or there are sufficient reasons for invoking this Guarantee, shall without any other or further proof be final conclusive and binding on the Guarantor.

We shall not be discharged or released from this undertaking and the Guarantee by any arrangement, variation, violation between you and the Contractor, indulgence to Contractor by you with or without our consent or knowledge and this Guarantee shall be in addition to any other Guarantee or security you possess against the Contractor.

This Guarantee shall be a continuing Guarantee and shall not be discharged by any change in the constitution of the Bank, Guarantor or the Contractor. It is further guaranteed that the payment under this Guarantee shall be made by us on receipt of your written demand as aforesaid making reference to this Guarantee.

Signature of the Contractor with seal

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**RATE CONTRACT FOR SITC OF CCTV AT STATE BANK INSTITUTE OF CREDIT &
RISK MANAGEMENT, GURUGRAM**

Notwithstanding anything contained herein above, our liability under this Guarantee is

restricted to Rs _____/- (Rupees _____ Only).

This Guarantee shall remain in full force and effect for a period of _____ years up to _____ unless a claim under this Guarantee is made against us within one month from that date i.e. on or before _____, all your rights under this Guarantee shall be forfeited and we shall be relieved and discharged from all liabilities there under.

Thereafter, our Guarantee shall be considered as null and void whether returned to ourselves or not.

Date:

For

(Branch and Bank)

Place:

**RATE CONTRACT FOR SITC OF CCTV AT STATE BANK INSTITUTE OF CREDIT &
RISK MANAGEMENT, GURUGRAM**

Annexure – 4

STANDARD SERVICE LEVEL AGREEMENT FOR COMPREHENSIVE AMC OF CCTV

MADE THIS _____ the DAY OF _____ BY AND BETWEEN STATE BANK OF INDIA, a Body Corporate constituted under the SBI Act 1955 and having one of its STATE BANK INSTITUTE OF CREDIT AND RISK MANAGEMENT (SBICRM) at. Plot No. 77, Sector 18, Gurugram, (hereinafter referred to as 'The Bank' which expression shall include its successor and assigns)

AND

M/s. _____ (AMC Vendor Firm Name), having its Registered Office at _____ (hereinafter referred to as VENDOR which expression shall include its successors / assignees represented by Shri _____ Designation _____

WHEREAS the Bank has invited proposals from the empaneled vendors of CCTV with LHO Delhi vide Notice Inviting Tender (NIT) No. _____ dated _____ for Supply, Installation, Testing And Commissioning (SITC) of Closed-Circuit Television (CCTV) System in their premises at Plot No 77, Sector – 18, Gurugram, more fully described in the said Rate Contract.

And, the VENDOR has participated in the above tender process and was awarded the Contract for SITC of CCTV system along with its accessories as defined in scope of work installed at SBICRM, Gurugram.

WHEREAS the vendor has agreed to provide the maintenance services for CCTV at SBICRM, Gurugram.

NOW THEREFORE, in consideration of the mutual covenants, undertaking and conditions set forth below and for other valid considerations, the acceptability and sufficiency of which are hereby acknowledged, the Parties hereby agreed as follows: -

2. **DEFINITIONS:** Certain terms used in this Agreement are defined hereunder. Other terms used in this unless otherwise specifically defined, those terms, acronyms and phrases in this Agreement that are utilized in the Information Technology services industry or other pertinent business context shall be interpreted in accordance with their generally understood meaning in such industry or business context, unless the context otherwise requires / mentions, the following definitions shall apply:

2.1 "The Bank" shall mean the State Bank of India (including SBICRM, Gurugram)

2.2 "Confidential Information" shall have the meaning set forth in Clause 20.

2.3 "Deficiencies" shall mean unsatisfactory outcome of the Services which has resulted in deviation from the desired outcome and has thereby caused loss to a party of this Agreement

2.4 "Documentation" Documentation includes, user manuals. Installation manuals, operation manuals, design documents, process documents., technical manuals, functional specification, software requirement specification, on-line tutorials / system configuration documents, debugging / diagnostics documents, test procedures, Review Records / Test Bug Reports/ Root Cause Analysis Reports, list of all product components, list of all dependent / external modules and list of

Signature of the Contractor with seal

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all documents relating to traceability" of the Product as and when applicable etc.

2.5 "Intellectual Property Rights" shall mean any and all (a) Rights associated with works of authorship, including Copyrights & moral rights; (b) Trade Marks; (c) trade secret rights; (d) patents, designs, algorithms and other industrial property rights; (e) other intellectual and Industrial Property Rights of every kind and nature, however designated, whether arising by operation of law, contract, license or otherwise; and (f) registrations initial applications, renewals, extensions, continuations, divisions or reissues thereof now or hereafter in force (including any rights in any of the foregoing).

2.6 "AMC Charges" means the price payable to the Vendor under the Agreement. The obligations expressed under the Comprehensive AMC shall include all costs relating to labor, spares, maintenance (preventive, unscheduled), and transport charges from site to manufacturer's works and back for repair / adjustment; or replacement at site of any part of the equipment which under the normal and proper use and maintenance proves defective in design, material or workmanship or fails to conform to the specifications given by the purchaser to VENDOR.

2.7 "Notice Inviting Tender for supply, installation, testing and commissioning (SITC) of closed-circuit television (CCTV) system" shall mean NIT No. SBICRM/Admin/Security dated _____ along with its clarification / corrigenda issued by the Bank from time to time.

2.8 "Root Cause - Analysis Report" shall mean a report addressing a problem or non-conformance in order to get to the 'root cause' of the problem, which thereby assists in correcting or limiting the cause, and prevent the problem from recurring.

2.9 "Services" shall mean and include the Services offered by Vendor including but not limited to Comprehensive Annual Maintenance Contract under this Agreement. Services shall also include the Implementation Services, Training Services and Maintenance Services etc. and other incidental services and other obligation of the service provider shall be provided under this Agreement.

2.10 "Control Room" shall mean the room where the central control of the CCTV system is installed. This room will be manned 24X7 by the Control Room Operators employed by the Bank.

3. COMMENCEMENT & TERM OF AGREEMENT:

3.1 This agreement shall be valid for the period of _____ years from _____ to _____ subject to satisfactory performance. The same may be terminated at any time, in terms of Clause 21 of this Agreement. The agreement may be renewed at the sole discretion of the Bank subject to review of performance of the vendor by the Bank.

3.2 Unless terminated earlier in accordance with this Agreement, the Agreement shall come to an end on completion of the term specified in the Agreement or on expiration of the renewed term as the case may be.

4 SCOPE OF WORK:

VENDOR shall during the period of agreement / contract: -

4.1. Maintain the CCTV SYSTEM installed at SBICRM, Gurugram in good working order and for this purpose, shall provide the maintenance services as follows.

4.2 Thorough check-up, testing, servicing, cleaning, inspection and maintenance etc of complete CCTV systems and its accessories and components.

RATE CONTRACT FOR SITC OF CCTV AT STATE BANK INSTITUTE OF CREDIT & RISK MANAGEMENT, GURUGRAM

- 4.3 Check the cameras & their lenses for serviceability. Check picture quality for each camera
- 4.4 Check picture quality of all IR cameras during night recordings.
- 4.5. Check availability of minimum 90 days recording for all cameras in motion detection mode.
- 4.6 Check whether the CCTV is being kept switched ON 24X7 and apprise the Security Officer if found otherwise.
- 4.7 Switch off the regular power supply and check the working of the CCTV system on UPS / Battery back-up.
- 4.8 To train the Control Room Operators (CROs) of SBICRM on operations of the CCTV including special features, data retrieval, copying back-up on external drives, making of CD, trouble shooting and routine general maintenance CCTV.
- 4.9 To rectify the equipment and replace worn out or defective parts of the system.
- 4.10 Retrieval of CCTV footage as and when required or called by the Bank.
- 4.11 Maintain / update record of CCTV servicing details in the relevant Register provided for the same in the Control Room of SBICRM.

Note: In case the NVR or the cameras requires major repairs, the vendor shall provide a replacement before taking the detective equipment for repairs so that the SBICRM remains under CCTV surveillance at all times

- 4.12 Will have to mandatorily provide **04 quarterly visits** and on-call / emergency visits without any charge.
- 4.13 There must be a gap of minimum 70 days between two mandatory quarterly visits.

5. REPAIR AND MAINTENANCE SERVICE:

- 5.1 Timely & effective performance of the contractual obligation shall be considered as the essence of the contract and the Vendor hereby agrees to maintain necessary Equipment, sub/assemblies; kits of parts, components, spare parts and, other related accessories of CCTV system in fully functional state and as per needs of "the Bank", for entire period AMC to enable it to fulfil its obligations.
- 5.2 All repair and maintenance service described herein shall be performed by qualified maintenance engineers totally familiar with the EQUIPMENT.
- 5.3 On completion of corrective maintenance, the technician should prepare a maintenance report. A log / Register (Security Information Register) shall be maintained at the Control Room to record each incident of EQUIPMENT malfunction, errors, faults, failures, defects etc, indicating the date and time at which VENDOR got informed or noticed the malfunction, errors, faults, failures, defects. etc, and the date and time of commencement and successful completion of repair work and nature of repair work performed on the EQUIPMENT together with a description of the nature of work, either by description of the malfunction, errors, faults, failures, defects, etc, or as discovered, and repaired during regular scheduled preventive maintenance.
- 5.4 If the Bank desires to shift the EQUIPMENT to a new site and install it thereat urgently, the VENDOR shall be informed of the same, VENDOR shall arrange to do so. The terms and conditions of this agreement, after such shifting and reinstallation would continue to be binding on VENDOR and the Bank. Shifting charges of the CCTV system shall be same as that of installation

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charges of new CCTV system plus the other accessories as per approved rates.

5.5 The entries in the register under the initials of an authorized representative shall constitute conclusive proof of the malfunction, errors, faults, failures, defects and repairs etc.

5.6 During the term of this Agreement, VENDOR agrees to maintain the Equipment in good working order and for this purpose will provide the following type of repair and maintenance services:

5.6.1 **Preventative maintenance:** Planned maintenance of a system, carried out on a scheduled basis.

5.6.2 **Corrective maintenance:** Emergency maintenance of a system or, part thereof, carried out in response to the development of a fault.

5.6.3 **User maintenance:** Provide Basic hands on training / maintenance tasks / fault reporting mechanism to be carried out by the Security Officer and / or authorized person.

6. PREVENTIVE MAINTENANCE :

6.1 VENDOR shall conduct preventive maintenance including but not limited to inspection testing, satisfactory execution of diagnostics, replacement of unserviceable parts, cleaning and removal of dust and dirt from the interior of the EQUIPMENT and necessary repairing of the EQUIPMENT once within the first thirty days of the commencement of the Annual Maintenance Contract and next as per schedule given in the NIT within the AMC year.

6.2 Notwithstanding the foregoing, VENDOR recognizes Bank's operational needs and agrees that the Bank shall have the right to require the VENDOR to adjourn preventive maintenance from any scheduled time to a date and time as decided by the Bank's Security Officer

7. CORRECTIVE MAINTENANCE:

7.1 VENDOR shall correct any fault and failures in the CCTV system and shall repair and replace worn out or defective parts of the EQUIPMENT immediately. In cases where unserviceable parts of the EQUIPMENT need replacement, VENDOR shall replace all such parts at no extra cost of Bank with brand new parts or those equivalent to new parts in performance.

7.2 VENDOR in effecting any such replacements shall not remove the equipment or any part or parts thereof until the VENDOR is ready to move in substitute equipment or part or parts to replace it. If the replaced part or parts are not identical in all respect to the parts replaced, VENDOR shall inform the Bank in writing at the time of such replacement. Bank in such case have the right to request VENDOR to replace the parts with the original compatible parts only and the VENDOR shall comply with such request forthwith.

8. **USER MAINTENANCE:** It is important that the user is aware of the importance to provide user maintenance to the CCTV System. The AMC Vendor shall offer in-depth training to the Control Room Operators & Security Officer staff on the offered solution according to the following:

8.1 Provide hands on training to the branch CRO & Security Officer and any other relevant official desired by the SBICRM.

8.2 Train bank staff on operations of the system including special features, data retrieval, copying on external drive, making CD, troubleshooting & routine maintenance of CCTV.

8.3 The training shall be conducted by the vendor within SBICRM premises.

**RATE CONTRACT FOR SITC OF CCTV AT STATE BANK INSTITUTE OF CREDIT &
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8.4 Educate the staff about the reporting channels of fault as soon as possible after they are discovered, and that details are entered in a fault reporting book / register.

9. SPARE PARTS AND TEST EQUIPMENT:

9.1 VENDOR shall further ensure that the EQUIPMENT is not down at any time for want of spare parts.

9.2 VENDOR shall. Repair / replace the defective EQUIPMENT with STANDBY EQUIPMENT within the timelines given in the table below, and restore operation. VENDOR will be required to pay penalty as per Para 11.3 if repair work / replacement of defective equipment does not take place within the stipulated period as per Para 16.

9.3 In cases where unserviceable parts of the EQUIPMENT need replacement VENDOR shall replace such parts, at no extra cost to the Bank, with brand new parts.

9.4 **RESPONSE TIME:** VENDOR shall provide repair and maintenance service, in response to complaints sent through email, SMS, written notice, within stipulated response time.

10 **PERFORMANCE EXPECTED:** VENDOR shall guarantee and ensure *SYSTEM UPTIME* efficiency of 100% for the full configuration of the EQUIPMENT, in every quarter. *SYSTEM UPTIME* for the purposes of this document is defined as productive and error free time of the EQUIPMENT reckoned on a quarterly basis and the SYSTEM UPTIME efficiency shall be computed as under.

$$\frac{(\text{Total Time} - \text{Down Time}) \times 100}{\text{Total Time}}$$

Total Time

10.1 Where, TOTAL TIME is the time (no of hours) for which the EQUIPMENT is required to be satisfactorily operational at the SITE during the quarter (90/91/92 x 24)

10.2 DOWN TIME is the aggregate time lost due to EQUIPMENT malfunction, unsatisfactory operation and improper maintenance during the quarter.

11. **PENALTY:** Without prejudice to any of BANK's other rights and remedies, for every 1% drop in System uptime from the guaranteed 100% during a quarter, VENDOR shall reimburse to the Bank towards penalty, 1% of value of the AMC Contract amount which will keep increasing as per para 11.3 limited to 20%. This will be recovered from the AMC charges payable / Retention Money Deposit held by the Bank and the same will also otherwise be recoverable from the Vendor. Availability will be calculated on a quarterly basis.

11.1 In the event of deficiency being such that the 25% penalty ceiling is breached, the vendor shall become liable for further penal actions to the extent of termination of the Contract with forfeiture of EMD / RMD as deemed fit and reasonable by the Bank.

11.2 However, this penalty shall also not apply in case of delays in restoration of the system caused due to Force-majeure or other factors like Riots, Bandhs, Civil Disturbances etc. any of which affect either the vendor's nearest service center or the site of installation.

11.3 Appropriate Penalties will be recovered from the quarterly payment if the Vendor is not able to achieve required Service levels as mentioned below:

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S no	SLA	Target Penalties
(i)	Availability of CCTV System consisting of NVR / Cameras / Display Panels – 100.00%	- 100.00% = NIL - 99.00% to 98.99% = 1% of AMC amount - 98.00% to 98.99% = 2% of AMC amount - 97.00% to 97.99% = 3% of AMC amount - 96.00% to 96.99% = 4% of AMC amount - 95.00% to 95.99% = 6% of AMC amount - Less than 95% = 20% of AMC amount
(ii)	Poor picture quality or face recognition	Rs. 1000.00 per instance
(iii)	Adequate number of days of recording not available	Rs 100.00 for each day <90
(iv)	Complaint resolution	Within time limit as per NIT – Nil Delay of each day in complaint resolution – Rs 100.00 Per day
(v)	Not carrying out AMC as per schedule	Rs 500.00 for every week of delay
(vi)	Penalty, once maximum penalty reached	Bank may terminate the Contract and forfeit the PBG.
(vii)	Not keeping required manpower as per SLA	Rs. 1000.00 per technician at every instance

13 The VENDOR, if he chooses, may install his own standby system of identical specification if such systems are acceptable to Bank. The period of use of such systems shall be deducted from downtime for all purposes.

14 PERFORMANCE GUARANTEE AND PENALTIES

14.1 The VENDOR has to furnish a performance guarantee for an amount equal to 10% of the Contract Value from a Scheduled Commercial Bank other than State Bank of India in a format provided / approved by the BANK.

14.2 The performance guarantee is required to protect the interest of the Bank against delay in repair / maintenance and or poor quality of the material or poor performance of services provided, which may warrant invoking of performance guarantee. In case any act of the Vendor results in imposition of liquidated damages then also the Bank reserves the right to invoke the performance guarantee.

14.3 If at any time during performance of the contract, if the Vendor shall encounter unexpected conditions impeding timely completion of the services under the Agreement and performance of the services, the Vendor shall promptly notify the Bank in writing of the fact of the delay, it's likely duration and its causes as soon as practicable.

15 **PAYMENT OF AMC CHARGES:** The Bank will pay properly submitted valid invoices within reasonable period. All payments shall be made as under: -

15.1 Payment of AMC Charges will be made by the SBICRM at quarterly interval in arrears after deducting applicable penalties if any.

Note: Vendor to get the AMC certificate signed by the Security Officer at the time of the Visit as a record of AMC having been done for the concerned period.

15.2 AMC charges quoted by the Vendor shall include all charges associated with Para 4 under

RATE CONTRACT FOR SITC OF CCTV AT STATE BANK INSTITUTE OF CREDIT & RISK MANAGEMENT, GURUGRAM

the head "Scope of Work" above.

15.3 Payment for retrieval of CCTV footage and copying it on CD/ DVD/ Pen drive will be paid extra (to be decided through bidding process).

15.4 Expenses, stamp duty and other charges / expenses in connection with execution of this Agreement shall be borne by vendor.

15.5 All duties and taxes (excluding GST), if any, which may be levied, shall be borne by the Vendor and Bank shall not be liable for the same.

15.6 No advance payment will be made.

15.7 The Bank may withhold payment of bills, for deficiency in service or otherwise, and may set-off penalty amount and any other amount which Vendor owes to the Bank against charges payable to vendor under this Agreement.

16 **RESPONSE TIME FOR REPAIRS & MAINTENANCE:** All complaints for repairs & maintenance shall be resolved at the earliest but not later than 48 hours of lodging of the same by the CRO or the Security Officer.

17 **AMC VISIT REPORTS:**

17.1 AMC Vendor shall prepare THREE copies of the Visit Report and each report will be counter signed by the Security Officer / authorized official.

17.2 One copy will be handed over to the Security Officer / CRO after the Visit is completed.

17.3 Second copy to be retained by the vendor.

17.4 Third Copy shall be enclosed along with the Bill / Invoice at the time of claiming the AMC payment.

17.5 Necessary entries along with dates should be made in the Security Information Register, and duly signed by the representative of the Vendor and the Security Officer.

18 **SUBCONTRACTING:** VENDOR will not subcontract or permit anyone other than vendor's qualified personnel to perform any of the work, services or other performance required of vendor under this agreement without the prior written consent of the Bank.

19 **SECURITY:** VENDOR agrees that it and its personnel will at all times comply with all security regulations in effect from time to time at the Bank's premises and externally for materials belonging to the Bank.

20. **CONFIDENTIALITY:** Vendor acknowledges that all material and information which has or will come into its possession or knowledge in connection with this agreement or in performance hereof, consists of confidential and proprietary data, whose disclosure to or use by third parties will be damaging or cause loss to the BANK. Vendor agrees to hold such material and information in strictest confidence, not to make use thereof other than for the performance of this agreement to release it only to vendor's employees requiring such information, and not to release or disclose it to any third party. Vendor agrees to take appropriate steps / action with respect to its employees to ensure that the obligations of non-use and non-disclosure of confidential information under this agreement are fully satisfied.

21 **TERMINATION:**

21.1 This Agreement shall be terminated by efflux of time or earlier by the Bank by serving 30

RATE CONTRACT FOR SITC OF CCTV AT STATE BANK INSTITUTE OF CREDIT & RISK MANAGEMENT, GURUGRAM

days' notice in writing, in case the services of the VENDOR are found unsatisfactory or not in accordance with the agreement or there is any breach of the terms and conditions of this agreement on the part of the Vendor or for convenience, without assigning any reason.

21.2 The Vendor goes bankrupt and becomes insolvent.

21.3 If during the currency of the agreement, any statute, rules / govt notification prohibits the services envisaged under this agreement or otherwise, the Contract shall come to an end forthwith and no compensation shall be payable to the Vendor.

22. LIABILITY AND INDEMNITIES:

22.1 VENDOR represents and warrants that the repair and maintenance service to be provided, do not violate or infringe upon any patent, copyright, trade secret or other proprietary right of any other person or other entity. VENDOR agrees that it will and, hereby, does indemnify the Bank from any claims, damages, loss, penalty etc directly or indirectly resulting from or arising out of any breach or claimed breach of this warranty.

22.2 Vendor agrees and hereby keeps the Bank indemnified against all claims, actions, loss, damages, reputation loss, costs, expenses, charges, including legal expenses (Attorney / Advocates fees included) which the Bank may suffer or incur on account of any deficiency in Services rendered by the Vendor or breach of any obligations mentioned in the clauses herein above, including without limitation, breach of confidentiality, obligations or any acts of commission / omission on the part of its employees, agents, representatives or Sub-Contractors of the Vendor. The Vendor agrees to make good the loss suffered by the Bank on first demand made by the Bank in this regard which shall be final, conclusive and, binding on the Vendor.

22.3 Vendor further undertakes to promptly notify the Bank in writing any breach of obligation of the Agreement by its employees, representatives including confidentiality obligation and in such an event, the Bank will in addition to and without prejudice to any other available remedies be entitled to immediate equitable relief in a Court of competent jurisdiction to protect its interest including injunctive relief.

22.4 The Vendor shall indemnify and keep fully and effectively indemnified the Bank against any fine or penalty levied on the Bank for improper payment of tax for the reasons attributable to the Vendor.

22.5 The Vendor hereby undertakes the responsibility to take all possible measures, at no additional cost, to avoid or rectify any issues which thereby results in non-performance of software / hardware / deliverables within reasonable time. The Bank shall report as far as possible all material defects to the Vendor without undue delay. The Vendor also undertakes to co-operate with other service providers thereby ensuring expected performance covered under scope of work.

22.6 Nothing contained in this Agreement shall impair the Bank's right to claim damages without any limitation for an amount equal to the loss suffered for non-performance of software

23. **COMPLIANCES OF STATUTORY / REGULATORY PROVISIONS:** The Vendor shall be responsible for compliance of all related laws, rules / regulations and Government instructions from time to time that are applicable for the service to be provided by it during the currency of this agreement.

24 GENERAL:

24.1 No amendment to this Agreement shall be effective unless it is in writing and signed by

**RATE CONTRACT FOR SITC OF CCTV AT STATE BANK INSTITUTE OF CREDIT &
RISK MANAGEMENT, GURUGRAM**

duly authorized representatives of both the parties.

24.2 Each party warrants and guarantees that it has full power and authority to enter into and perform this Agreement. And the person signing this Agreement on behalf of each has been properly authorized and empowered to enter into this Agreement. Each party further acknowledges that it has read this Agreement, understands it and agrees to be bound by it

24.3 Words importing the singular includes the plural and vice versa.

25 **JURISDICTION:** Any disputes arising out of or connected with this Contract shall be subjected to the competent jurisdictions of the Courts of Punjab & Haryana alone.

26 **SAVING-CLAUSE:** No suits, prosecution or any legal proceedings shall lie against the State Bank of India or any employee of the Bank for anything that is done in good faith or intended to be done in pursuance of this Agreement.

IN WITNESS WHEREOF THE PARTIES HAVE EXECUTED THIS AGREEMENT ON THE ABOVE-MENTIONED DATE.

Seal of VENDOR affixed in the presence of _____ (VENDOR's authorized representative) and signed by the duly authorized representative:

Shri _____ Designation _____

Signature

Seal of the BANK affixed and signed by its representative Shri _____
Designation _____

Signature

In the presence of :

(1) Shri _____ Designation : _____ Signature

(2) Shri _____ Designation: _____ Signature

**RATE CONTRACT FOR SITC OF CCTV AT STATE BANK INSTITUTE OF CREDIT &
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Annexure - 5

**BILL OF QUANTITY
INDICATIVE PRICE BID**

SL. No	Item Description	Tentative Qty	Amount Excluding GST (ONLY PER UNIT PRICE TO BE QUOTED)
	NET VIDEO RECORDER (NVR) – Either 32 Ch or 64 Ch.		
1.	NVR 32 Channel 8 SATA as per Technical Specification of NIT - Make & Model No :	04 Nos If Required	
2.	NVR 64 Channel 8 SATA as per Technical Specification of NIT - Make & Model No :	02 Nos If Required	
	IP CAMERAS		
3.	Dome Camera 2 MP, HD IP IR as per Technical Specification of NIT - Make & Model No :	60 Nos	
4.	Bullet Camera 2 MP, HD IP IR as per Technical Specification of NIT - Make & Model No :	60 Nos	
	ACCESSORIES / CABLES / SWITCHES ETC		
5.	32” LED Colour Monitor (complete with Wall Mount) as per Technical Specification of NIT (Brand Offered :)	04 Nos	
OR			
6.	40” LED Colour Monitor (complete with Wall Mount) as per Technical Specification of NIT (Brand Offered)	04 Nos	
7.	HDD 8 TB as per Technical Specification of NIT	As required	
8.	Cat 6 Cable with RJ45 connectors & all accessories. ISI Marked as per Technical Specification of NIT (including laying charges)	7000 Mtrs	
9.	Cable – Power ISI marked as per Technical Specification of NIT		
10.	POE Switch 24 Channel as per Technical Specification of NIT	As & if required	
11.	POE Switch 16 Channel as per Technical Specification of NIT	As & if required	
12.	POE Switch 8 Channel as per Technical Specification of NIT	As & if required	
13.	POE Switch 4 Channel as per Technical	As & if required	

Signature of the Contractor with seal

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	Specification of NIT		
14.	PVC Conduit Pipe as per Technical Specification of NIT	7000 Mtrs	
	CPVC Plumbing Pipe ONLY for underground cabling	As required	
15.	Wireless Mouse	04	
16.	Rack 6 U with all accessories as per Technical Specification of NIT	05 or As Required	
17.	Rack 12 U with all accessories as per Technical Specification of NIT	02 or As Required	
18.	HDMI Cables	As required	
19.	Video splitter 4 Output 1 Input HDMI	As & if required	
20.	Erection, commissioning, testing, training & handing over charges	120 Cameras	
21.	Comprehensive AMC Charges for making 4 mandatory quarterly visit per year for maintaining the CCTV system after post-warranty of one year as per the Standard Service Level Agreement.	04 Visits	Please quote Annual Charges.
22.	Buy Back Rates of Old Equipment		
	16 Channel LG DVR	03	
	16 Channel Dahua DVR	01	
	06 Channel Samsung DVR	01	
	PTZ Camera	07	
	Dome & Bullet Cameras	77	

Note:

- i. Rates quoted should be inclusive of transportation, octroi, taxes etc.
- ii. Rates quoted shall be valid for a period of 3 years from the date of contract signed.
- iii Only per Unit costs to be mentioned.
- iv. Final sample / model will be approved by the Bank.
- v. GST as applicable will be paid by the Bank

**RATE CONTRACT FOR SITC OF CCTV AT STATE BANK INSTITUTE OF CREDIT &
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Annexure - 6

**BILL OF QUANTITY
INDICATIVE PRICE BID FOR REVERSE AUCTION**

SL. No	Item Description	Tentative Qty	Amount Excluding GST (PACKAGE COST)
1.	NVR 32 Channel 4 SATA as per Technical Specification of NIT - Make & Model No :	04 Nos	
OR			
2.	NVR 64 Channel 4 SATA as per Technical Specification of NIT - Make & Model No :	02 Nos	
3.	Dome Camera 2 MP, HD IP IR as per Technical Specification of NIT - Make & Model No :	60 Nos	
4.	Bullet Camera 2 MP, HD IP IR as per Technical Specification of NIT - Make & Model No :	60 Nos	
5.	32" LED Colour Monitor (complete with Wall Mount) as per Technical Specification of NIT (Brand Offered)	04 Nos	
OR			
6.	40" LED Colour Monitor (complete with Wall Mount) as per Technical Specification of NIT (Brand Offered)	04 Nos	
7.	HDD 8 TB as per Technical Specification of NIT	04 Nos	
8.	Cat 6 Cable with RJ45 connectors & all accessories. ISI Marked as per Technical Specification of NIT (including laying charges)	7000 Mtrs	
9.	Cable – Power ISI marked as per Technical Specification of NIT		
10.	POE Switch 24 Channel as per Technical Specification of NIT	As & if required	
11.	POE Switch 16 Channel as per Technical Specification of NIT	As & if required	
12.	POE Switch 8 Channel as per Technical Specification of NIT	As & if required	
13.	POE Switch 4 Channel as per Technical Specification of NIT	As & if required	
14.	PVC Conduit Pipe as per Technical Specification of NIT (Including CPVC Plumbing pipe for underground cables)	7000 Mtrs	

Signature of the Contractor with seal

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15.	Wireless Mouse	04	
16.	Rack 6 U with all accessories as per Technical Specification of NIT	05	
17.	Rack 12 U with all accessories as per Technical Specification of NIT	01	
18.	HDMI Cables	As required	
19.	Video splitter 4 Output 1 Input HDMI	As & if required	
20.	Erection, commissioning, testing, training & handing over charges	120 Cameras	
21.	Comprehensive AMC Charges for making 4 mandatory quarterly visit per year for maintaining the CCTV system after post-warranty of one year as per the Standard Service Level Agreement.	04 Visits	Please quote Annual Charges.
22.	Buy Back Rates of Old Equipment		
	16 Channel LG DVR	03	
	16 Channel Dahua DVR	01	
	06 Channel Samsung DVR	01	
	PTZ Camera	07	
	Dome & Bullet Cameras	77	

Note:

- i. Rate quoted shall be for a total package, which shall include the items as per list given above including the Comprehensive AMC charges.
- ii. Rates quoted should be inclusive of transportation, octroi, taxes etc.
- iii. Rates quoted shall be valid for a period of 3 years from the date of contract signed.
- iv. Final sample/model will be approved by the Bank.
- v. GST, as applicable, will be paid by the Bank.

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Annexure – 7

STANDARD MINIMUM SPECIFICATIONS CLOSE CIRCUIT TELEVISION SYSTEM

S.No	Item	List
(a)	NVR 32 / 64 CHANNEL	Annexure- 7a
(b)	Camera:	
	(i) 2 MP HD Varifocal IP 1080 Bullet Camera	Annexure- 7b
	(ii) 2 MP IP IR Fixed Lens 1080 Dome Camera	Annexure- 7c
(c)	Other Components:	Annexure- 7d
	1. Hard Disk	
	2. Monitor (Surveillance grade)	
	3. Cable – Video	
	4. Cable – Power	
	5. PVC Conduits for cabling	
	6. 6 U Rack (wall mount)	
	7. 12 U Rack 21”	
	8. Network Switch	
(d)	9. POE Switch 5 Channel	Annexure 7e
(e)	POE Switch 8 Channel	Annexure 7f
(f)	POE Switch 16 Channel	Annexure 7g
(g)	POE Switch 32 Channel	Annexure 7h

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Annexure - '7a'

32 / 64 CHANNEL NETWORK VIDEO RECORDERS (NVR)

(Only Dahua / Hikvision / Honeywel or Equivalent brands)

S. No		Parameters	Technical Specifications	Remarks	Yes/ No
1.	Video/Audio input	IP video input	32 Ch / 64 Ch		
		Two-way audio input	1-Ch, RCA (2.0 Vp-p, 1KΩ)		
2.	Network	Incoming bandwidth	320 Mbps		
		Outgoing bandwidth	256 Mbps		
		Remote connection	128 or higher		
3.	Video/ Audio output	Recording resolution	12MP/8MP/6MP/5MP/3MP/1080P/UXGA/720P/VGA/4CIF/DCIF/2CIF/CIF/QCIF		
		Video Compressor	H.265+ / H.265 / H.264+ / H.264 / MPEG4		
		Frame rate	Mainstream: 50 fps (P) / 60 fps (N) Sub-stream: 25 fps (P) / 30 fps (N)		
		HDMI/VGA output	HDMI 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz. VGA : 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz		
		Audio output	1-ch, RCA (Linear, 1KΩ)		
4.	Decoding	Live view / Playback resolution	6MP/5MP/3MP/1080P/UXGA/720P/VGA/4CIF/DCIF/2CIF/CIF/QCIF		
		Capability	16 CH X 1080P		
5.	Hard disk	SATA	8 SATA interfaces each supporting up to 10 TB		
		RAID	RAID0, RAID1, RAID5, RAID6, and RAID10 (up to 10 TB for each HDD)		

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6.	External Interface	Network interface	2 RJ-45 10 /100 / 1000 Mbps self-adaptive Ethernet interface		
		USB interface	2 × USB 3.0 and 2 × USB 2.0	16/32 Ch	
		Alarm IO	16/4		
7.	Others	Power supply	12V DC / 100~ 240 VAC		
		Consumption (without hard disk)	As per standard / OEM Specified	16/32 Ch	
		Working temperature	-10 °C ~ +55 °C (+14 °F~ + 131 °F)		
		Working humidity	10 % ~ 90 %		
8.	Certification		UL and FCC or CE/BIS		

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Annexure - '7b'

HD IP VARIFOCAL LENS BULLET CAMERA

(Only Dahua / Hikvision / Honeywel or Equivalent brands)

Sr. No	Parameters	Technical Specifications	Remark	Yes/ No
	Camera			
1.	Image Sensor	1 / 2.7" progressive scan CMOS		
2.	Min. Illumination	Color: 0.005 Lux @(F1.6, AGC ON), B/W : 0 Lux with IR with IR		
3.	Shutter Speed	1/3 s to 1/100, 000 s, support slow shutter		
4.	Slow Shutter	Yes		
5.	Day & Night	IR Cut Filter		
6.	Digital Noise reduction	3D DNR		
7.	WDR	120dB		
8.	Angle Adjustment	Pan: 0° to 355°, tilt: 0° to 70°, rotation: 0° to 360°		
	Lens			
9.	Focal Length	Varifocal Lens, motorized lens, 2.7 to 13.5 mm		
10.	Aperture	F1.6		
11.	Focus	Auto , Scheduled		
12.	FOV	Horizontal FOV 94° to 36°, Vertical FOV 50° to 20°, diagonal FOV 109° to 41°		
13.	Lens Mount	Ø14		
	IR			
14.	IR Range	Up to 40m		
15.	Smart Supplement Light	Yes		
16.	Wavelength	850nm		
	Compression Standards			
17.	Video Compression	Main stream: H.265,H.264		
		Sub stream: H.265,H.264/MJPEG		
		Third stream: H.265/H.264		

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18.	H.264 Type	Baseline Profile/Main Profile/High Profile		
19.	H.265 Type	Main Profile		
20.	Video Bit Rate	32 Kbps to 8 Mbps		
Image				
21.	Max. Resolution	1920 X 1080		
22.	Main Stream Max Frame Rate	50Hz: 25fps (1920 × 1080, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 720)		
23.	Sub-stream Max. Frame Rate	50Hz: 25fps (640 × 480, 640 × 360, 320× 240)		
24.	Image Enhancement	BLC, 3D DNR		
25.	Image Setting	Brightness, saturation, contrast, sharpness are adjustable via web browser or client software		
26.	Day / Night Switch	Auto, Scheduled		
Audio				
27.	Audio Compression	G.711ulaw/G.711alaw/G.722.1/G.726/MP2L2/PCM/AAC		
28.	Audio Bit Rate	64 Kbps(G.711 ulaw/G.711 alaw)/16 Kbps(G.722.1)/16 Kbps(G.726)/32 to 160 Kbps(MP2L2)/16 to 64 Kbps(AAC)		
29.	Audio Sampling Rate	8 kHz/16 kHz		
30.	Environment Noise Filtering	Yes		
Network				
31.	Network Storage	Built-in Memory Card Slot. Support micro SD/SDHC/SDXC card (up to 256GB), local storage and NAS (NFS, SMB/CIFS), ANR		
32.	Alarm Trigger	Motion detection, Video Tampering alarm, Network Disconnected, IP address Conflicted, Illegal Login, Line Crossing, Intrusion Detection		
33.	Alarms	RTP, RTSP, RTCP, NTP, UPnP, SMTP, IGMP, 802.1X, QoS, IPv6, Bonjour		
34.	Protocols	TCP/IP, UDP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, Ipv6, Bonjour		

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35.	MAC	MAC ID of the IP Cameras should be registered with the OEM		
36.	Standard	ONVIF (PROFILE S, PROFILE G), PSIA, CGI, ISAPI		
37.	General Function	One-key rest, anti-flicker, heartbeat, mirror, password protection, privacy mask, watermark, IP address filter		
Interface				
38.	Communication Interface	1 RJ45 10M/100M self-adaptive Ethernet port		
39.	Built in Microphone	Yes		
40.	Reset	Yes		
41.	Video Output	1Vp-p composite output (75 Ω / BNC)		
General				
42.	Operating Conditions	-30 °C to 60°C (-22 °F to 140°F), humidity: 95% or less (non-condensing)		
43.	Power Supply	DC12V ± 25%, POE (802.3af)		
44.	Power Consumption	Max. 5.5 W/11 W		
45.	Ingress Protection	IP 67 & 1 K 10, TVS 2000V lightening protection, Surge protection & Voltage transient protection		
46.	Material	Metal & Plastic		
47.	Certification	UL and FCC or CE/BIS		

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Annexure - '7c'

2 MEGAPIXEL IP IR DOME CAMERA

(Only Dahua / Hikvision / Honeywel or Equivalent brands)

Sr. No	Parameters	Technical Specifications	Remark	Yes/ No
Camera				
1.	Image Sensor	1 / 2.7" progressive scan CMOS		
2.	Min. Illumination	Color: 0.005 Lux @(F1.6, AGC ON), B/W : 0 Lux with IR with IR		
3.	Shutter Speed	1/3 s to 1/100, 000 s, support slow shutter		
4.	Slow Shutter	Yes		
5.	Day & Night	IR Cut Filter		
6.	Digital Noise reduction	3D DNR		
7.	WDR	120dB		
8.	Angle Adjustment	Pan: 0° to 355°, tilt: 0° to 70°, rotation: 0° to 360°		
Lens				
9.	Focal Length	2.8MM, 4MM, 6MM		
10.	Aperture	F1.6		
11.	Focus	Auto , Scheduled		
12.	FOV	Horizontal FOV 111° to 56°, Vertical FOV 59° to 29°, Diagonal FOV 133° to 65°		
13.	Lens Mount	M12		
IR				
14.	IR Range	Up to 40m		
15.	Smart Supplement Light	Yes		
16.	Wavelength	850nm		
Compression Standards				
17.	Video Compression	Main stream: H.265,H.264		
		Sub stream: H.265,H.264/MJPEG		
		Third stream: H.265/H.264		

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18.	H.264 Type	Baseline Profile/Main Profile/High Profile		
19.	H.265 Type	Main Profile		
20.	Video Bit Rate	32 Kbps to 8 Mbps		
Image				
21.	Max. Resolution	1920 X 1080		
22.	Main Stream Max Frame Rate	50Hz: 25fps (1920 × 1080, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 720)		
23.	Sub-stream Max. Frame Rate	50Hz: 25fps (640 × 480, 640 × 360, 320× 240)		
24.	Image Enhancement	BLC, 3D DNR		
25.	Image Setting	Brightness, saturation, contrast, sharpness are adjustable via web browser or client software		
26.	Day / Night Switch	Auto, Scheduled		
Audio				
27.	Audio Compression	G.711ulaw/G.711alaw/G.722.1/G.726/MP2L2/PCM/AAC		
28.	Audio Bit Rate	64 Kbps(G.711 ulaw/G.711 alaw)/16 Kbps(G.722.1)/16 Kbps(G.726)/32 to 160 Kbps(MP2L2)/16 to 64 Kbps(AAC)		
29.	Audio Sampling Rate	8 kHz/16 kHz		
30.	Environment Noise Filtering	Yes		
Network				
31.	Network Storage	Built-in Memory Card Slot. Support micro SD/SDHC/SDXC card (up to 256GB), local storage and NAS (NFS, SMB/CIFS), ANR		
32.	Alarm Trigger	Motion detection, Video Tampering alarm, Network Disconnected, IP address Conflicted, Illegal Login, Line Crossing, Intrusion Detection		
33.	Alarms	RTP, RTSP, RTCP, NTP, UPnP, SMTP, IGMP, 802.1X, QoS, IPv6, Bonjour		
34.	Protocols	TCP/IP, UDP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, Ipv6, Bonjour		

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35.	MAC	MAC ID of the IP Cameras should be registered with the OEM		
36.	Standard	ONVIF (PROFILE S, PROFILE G), PSIA, CGI, ISAPI		
37.	General Function	One-key rest, anti-flicker, heartbeat, mirror, password protection, privacy mask, watermark, IP address filter		
Interface				
38.	Communication Interface	1 RJ45 10M/100M self-adaptive Ethernet port		
39.	Built in Microphone	Yes		
40.	Reset	Yes		
41.	Video Output	1Vp-p composite output (75 Ω / BNC)		
General				
42.	Operating Conditions	-30 °C to 60°C (-22 °F to 140°F), humidity: 95% or less (non-condensing)		
43.	Power Supply	DC12V ± 25%, POE (802.3af)		
44.	Power Consumption	Max. 5.5 W/11 W		
45.	Ingress Protection	IP 67 & 1 K 10, TVS 2000V lightening protection, Surge protection & Voltage transient protection		
46.	Material	Metal & Plastic		
47.	Certification	UL and FCC or CE/BIS		

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Annexure -'7d'

OTHER COMPONENTS

<u>S.No</u>	<u>Item Name</u>	<u>Specifications</u>	<u>Yes/ No</u>
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.	
	Capacity	4TB / 6TB / 8TB /10TB (Terra Bytes)	
2.	MONITOR (Surveillance Grade)	Anti-glare Surveillance Grade 24X7 working LED with TCO 03 or higher certification.	
	Screen size	32" to 40" diagonal LED	
	Warranty	05 Years	
	Video	PAL	
	Resolution (Min)	Full HD (FHD)	
	Power Input	12/24 V DC	
	Viewing Angle	140 degree H, 130 degree V	
	Power consumption	NOT EXCEEDING 40 Watts	
3.	Cable – Video (Cat – 6)		
	Category	Category - 6 (Unarmoured)	
	Mutual Capacitance @300Mhz	5.60 nF/100 mtrs max	
	DC Resistance @300Mhz	9.38 ohm /100 mtrs max at 20 deg C	
	Impedance @ 300Mhz	100 +/- 15 ohm	
	Insulation	High Density Polyethylene	
	Sheath	Fire Retardant PVC Compound (FRPVC)	
	Standards	TIA / EIA 568 B.2-1	
	Acceptable Quality	ISI marked (IS-694, 1990)	

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		Make – Finolex / Incab / Polycab or equivalent	
4.	Cable - Power		
	Category	2 core power cable (Unarmoured)	
	Type	2 core 1 sq mm each	
	Acceptable Quality	ISI Marked (IS-694, 1990). Make – Finolex / Incab / Polycab or equivalent	
	Insulation	PVC Insulated	
5.	PVC / CPVC Conduits for cabling.		
	Specifications	<u>Normal cabling:</u> IS-9537-1983; Internal Dia 20 mm “+ -“ 1 mm, Wall Thickness-4.2~5 mm <u>Underground cabling:</u> CPVC pipes with above minimum specifications.	
	Acceptable Quality	ISI Marked. Make – AKG / Polycab / Finolex / Supreme	
	Grade	Medium	
6.	6 U Rack - (Wall Mount)	Dynamic / Valrack or Equivalent of established & well-known brand with all accessories Transparent front door with Lock Fan tray with 2 Fans Provision for cable routing at the bottom of Rack.	
7.	12 U Rack 21”	Standard EIA/NEMA rails. 16 Amp Power Sockets Dynamic / Valrack or Equivalent of established & reputed brand with all accessories conforming to industry standard practices.	

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		Transparent front door with Lock Fan tray with 2 Fans Provision for cable routing at the bottom of Rack.	
8.	Network Switch		
	Type	Unmanaged (Plug & Play type) with PoE Ports, 10/100Mbps	
	No. of input PoE Ports	4/8/16/24 RJ 45 (10/100 Mbps)	
	Uplink Ports	Min 1 for 4 & 8 Port Min 2 for 16 & 24 Port	
	Network Protocol Compliant	IEEE 802.3i, IEEE 802.3u, IEEE 802.3x, IEEE 802.3af, IEEE 802.3at, IEEE 802.3az	
	LED Indicators	Power ON (System), Activity / Link, Speed, Power Fault / Fail (Each PoE Port)	
	Input Voltage	230 V AC	
	Surge Protection	2KV for Ports and 6KV for Power Supply	
	Operating Temperature	0° C to 40° C	

Note: Power sockets wherever required will be provided by the vendor. Necessary Power supply and UPS connection will be provided by the Bank.

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Annexure-‘7e’

**POE SWITCH 04 CHANNEL SPECIFICATIONS
(Make : Dlink / Dahua / Hikvision / Honeywel)**

S No.	POE SWITCH 5 CHANNEL	SPECIFICATIONS	Yes/ No
	Ports		
1.	Network Ports	5	
2.	PoE Port	4 x 10/100 Mbps, RJ-45 ports	
3.	Uplink Port	1 x 10/100/ M Ethernet Port	
	Standard		
4.	Network Protocol	IEEE802.3, 802.3u, 802.3x, 802.3af	
	Performance		
5.	Switching Capacity	1 Gbps	
6.	Max. Forwarding Rate	0.74 Mpps	
7.	High Priority Ports	Port 1	
8.	Forwarding Mode	Store-and-forward	
9.	MAC Address Table	1k	
10.	Flow Control	IEEE 802.3x full duplex	
	Power over Ethernet		
11.	PoE Standard	4 ports IEEE802.3af (up to 15.4 W per port) or	
12.	PoE Power Budget	58 W	
13.	Working Mode	Extend On: 250 m, 10M, CAT 5e Extend Off: 100 m	
	General		
14.	Power Supply	51 VDC, 1.25 A	
15.	Power Consumption	≤63 W	
16.	Surge Protection	4 kV to 22 kV	
17.	Working Temperature	32° F to 104° F (0° C to 40° C)	
18.	Working Humidity	10% to 90% , non-condensing	
19.	Storage Temperature	-40° F to 158° F (-40° C to 70° C)	
20.	Storage Humidity	5%-90% , non-condensing	
	Weight	10.55 ozs (299 g) / OEM Specified	
21.	Dimension	5.2" x 3.7" x 1.09" (132 mm x 93.3 mm x 27.6 mm) / OEM Specified	

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Annexure-‘7f’

POE SWITCH 08 CHANNEL SPECIFICATIONS

(Make : Dlink / Dahua / Hikvision / Honeywel)

SI NO.	POE 08 CHANNEL SWITCH	SPECIFICATIONS	Yes/ No
1.	Interface	8 x 10/100 Mbps PoE ports • 1 x SFP ports, UPLINK PORT 2 x 10/100/1000 Mbps	
2.	Port Standards & Functions	Ports 1 to 8 compliant with 802.3 at	
3.	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- T gigabit Ethernet Fast Ethernet (twisted-pair copper). IEEE 802.3az compliance. Auto-negotiation. IEEE 802.3 x flow Control. IEEE 802.3z	
4.	Networks Cables	UTP Cat. 5, Cat. Se(100 m max)	
5.	Duplex Mode	Full/Half-duplex for 10/100 Mbps. Full-duplex for 1000mbps	
6.	Media Interface Exchange	Auto MDI/MDIX adjustment for all twisted-pair ports	
PERFORMANCE			
7.	Switching Capacity	3 gbps	
8.	Transmission Method	Store-and-Forward	
9.	Maximum 64 bytes packet forwarding rate	2.5 mbps	
Physical/ Environment			
10.	AC Input	100 to 240 VAC 50/60 Hz internal universal power supply	
11.	Maximum Power Consumption	103.4 W (PoE on) • 17.9 W (PoE off)	
12.	Maximum PoE Budget	90 W	
13.	Stand by Power Consumption	100V: 10.3W*240V: 11.1W	
14.	Operating Temperature	-5 to 50 °C (23 to 122 °F)	
15.	Storage Temperature	-20 to 70 °C (-4 to 158 °F)	
16.	Operating Humidity	0% to 95% non-condensing	

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17.	Storage Humidity	0% to 95% non-condensing	
18.	Dimensions (L x W x H)	280 x 180 x 44 mm (11.02 x 7.08 x 1.73 in) (OEM Specified)	
19.	Weight	1.41 kg (3.1 lbs) (OEM Specified)	

Annexure-'7g'

POE SWITCH 16 CHANNEL SPECIFICATIONS
(Make : Dlink / Dahua / Hikvision / Honeywel)

SI NO.	POE 16 CHANNEL SWITCH	SPECIFICATIONS	Yes/ No
1.	Interface	16 x 10/100 / 1000 Mbps PoE ports • 2 x SFP ports, UPLINK PORT 2 x 10/100/1000 Mbps	
2.	Port Standards & Functions	Ports 1 to 4 compliant with 802.3at • Ports 5 to 16 compliant with 802.3af	
3.	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-T gigabit Ethernet Fast Ethernet (twisted-pair copper). IEEE 802.3az compliance. Auto-negotiation. IEEE 802.3 x flow Control. IEEE 802.3z	
4.	Networks Cables	UTP Cat. 5, Cat. Se(100 m max)	
5.	Duplex Mode	Full/Half-duplex for 10/100 Mbps. Full-duplex for 1000mbps	
6.	Media Interface Exchange	Auto MDI/MDIX adjustment for all twisted-pair ports	
PERFORMANCE			
7.	Switching Capacity	40gbps	
8.	Transmission Method	Store-and-Forward	
9.	MAC Address Table	8K	
10.	Maximum 64 bytes packet forwarding rate	14.88 mbps	
11.	Packet Buffer Memory	1.5 MB	
Physical/ Environment			
12.	AC Input	100 to 240 VAC 50/60 Hz internal universal power supply	
13.	Maximum Power Consumption	103.4 W (PoE on) • 17.9 W (PoE off)	
14.	Maximum PoE Budget	180W	
15.	Stand by Power	100V: 10.3W*240V: 11.1W	

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	Consumption		
16.	Operating Temperature	-5 to 50 °C (23 to 122 °F)	
17.	Storage Temperature	-20 to 70 °C (-4 to 158 °F)	
18.	Operating Humidity	0% to 95% non-condensing	
19.	Storage Humidity	0% to 95% non-condensing	
20.	Dimensions (L x W x H)	280 x 180 x 44 mm (11.02 x 7.08 x 1.73 in) / OEM Specified	
21.	Weight	1.41 kg (3.1 lbs) / OEM Specified	

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Annexure-‘7h’

POE SWITCH 24 CHANNEL SPECIFICATIONS

(Make : Dlink / Dahua / Hikvision / Honeywel)

S No.	POE SWITCH 24 CHANNEL	SPECIFICATIONS	Yes/ No
GENERAL			
1.	Interface	24 x 10/100/1000 Mbps PoE ports • 2 x 10 / 100 / 1000	
2.	Port Standards & Functions	Ports 1 to 4 compliant with 802.3at • Ports 5 to 32 compliant with 802.3af	
3.	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-T gigabit Ethernet Fast Ethernet (twisted-pair copper). IEEE 802.3az compliance. Auto-negotiation. IEEE 802.3 x flow Control. IEEE 802.3z	
4.	Networks Cables	UTP Cat. 5, Cat. Se(100 m max)	
5.	Duplex Mode	Full/Half-duplex for 10/100 Mbps. Full-duplex for 1000mbps	
6.	Media Interface Exchange	Auto MDI/MDIX adjustment for all twisted-pair ports	
PERFORMANCE			
7.	Switching Capacity	52 Gbps	
8.	Transmission Method	Store-and-forward	
9.	MAC Address Table	8K	
10.	Maximum 64 bytes packet forwarding rate	35 Mpps	
Physical/Environmental			
11.	AC Input	100 to 240 VAC 50/60 Hz internal universal power supply	
12.	Maximum Power Consumption	251.3 W (PoE on) • 26.3 W (PoE off)	
13.	Maximum PoE Budget	220 W	
14.	Standby Power Consumption	100 V: 24 W / • 240 V: 21.9 W	
15.	Operating Temperature	-5 to 50 °C (23 to 122 °F)	
16.	Storage Temperature	-20 to 70 °C (-4 to 158 °F)	
17.	Operating Humidity	0% to 95% non-condensing	
18.	Storage Humidity	0% to 95% non-condensing	
19.	Dimensions (L x W x H)	444 x 210 x 44 mm (17.32 x 8.27 x 1.73 in) / OEM Specified	
20.	Weight	2.54 kg (5.60 lbs) / OEM Specified	

**RATE CONTRACT FOR SITC OF CCTV AT STATE BANK INSTITUTE OF CREDIT &
RISK MANAGEMENT, GURUGRAM**