NOTICE INVITING TENDER

The bid documents and other details may be downloaded from the website www.etenders.kerala.gov.in. The non-refundable bid submission fee of Rs. 200.00/- shall be remitted as Demand Draft separately.

Bidder should ensure that bid submission fees is remitted as a single transactions/DDs, such that Tender Fee should be a single DD.

Tender Fee: DD in the name of “TECHNOPARK TECHNOLOGY BUSINESS INCUBATOR”

All Bid documents are to be submitted as hardcopy in the specified format in address given below. Please specify tender documents for more details.

G3B, Thejaswini, Technopark Campus, Trivandrum, Kerala, India  Phone : +91-471-2700270  Fax :+91-471-2700224  
www.startupmission.kerala.gov.in
The Chief Executive Officer
Kerala Start-Up Mission (Formerly Technopark-TBI),
G3B, Thejaswini, Technopark Campus,
Kariyavattom, Trivandrum 695 581
Phone No: 0471 2700270
Email: procurement@startupmission.in

Place: Trivandrum
Date: 26-12-2019

Procurement Officer
Kerala Start-Up Mission

Note: - If the date of opening of bids happens to be a holiday; the actual date for the same will be the next working day. No separate intimation in this regard will be issued.
Kerala Start-Up Mission
(Formerly Technopark TBI)
G3B, Thejaswini, Technopark Campus
Thiruvananthapuram 695 581
Kerala

TENDER DOCUMENT
KSUM/TExt/CCTV/CLT/2019-20/01

Item required

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<tr>
<th>Sl No</th>
<th>Description of items required</th>
<th>Qty</th>
<th>Warranty</th>
<th>Delivery</th>
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<td>1</td>
<td>Dome Camera</td>
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<td>3 Years</td>
<td>1 Week</td>
</tr>
<tr>
<td>2</td>
<td>Bullet Camera</td>
<td>7</td>
<td>3 Years</td>
<td>1 Week</td>
</tr>
<tr>
<td>3</td>
<td>PoE Switch</td>
<td>1</td>
<td>3 Years</td>
<td>1 Week</td>
</tr>
<tr>
<td>4</td>
<td>NVR with 2TB HDD</td>
<td>1</td>
<td>3 Years</td>
<td>1 Week</td>
</tr>
<tr>
<td>5</td>
<td>Cabling and Installation</td>
<td>1</td>
<td>3 Years</td>
<td>1 Week</td>
</tr>
</tbody>
</table>

Detailed Specification

1. Dome Camera -1

<table>
<thead>
<tr>
<th>Sl No</th>
<th>Items</th>
<th>Specifications</th>
</tr>
</thead>
</table>
| 1     | General Features | • 1/2.9” 2Megapixel progressive CMOS  
• H.264+ & H.264 dual-stream encoding  
• 25/30fps@2M(1920×1080)  
• DWDR, Day/Night(ICR), 3DNR, AWB, AGC, BLC  
• Multiple network monitoring: Web viewer, CMS(DSS/PSS) &  
• DMSS  
• 2.8 mm fixed lens (3.6mm optional)  
• Max IR LEDs Length 30m  
• IP67, PoE (IP camera) |

2. Bullet Camera -7

<table>
<thead>
<tr>
<th>Sl No</th>
<th>Items</th>
<th>Specifications</th>
</tr>
</thead>
</table>
| 1     | General Features | • 1/2.9” 2Megapixel progressive CMOS  
• H.264+ & H.264 dual-stream encoding  
• 25/30fps@1080P(1920×1080)  
• DWDR, Day/Night(ICR), 3DNR, AWB, AGC, BLC  
• Multiple network monitoring: Web viewer, CMS(DSS/PSS) &  
• DMSS  
• 2.8 mm fixed lens (3.6mm optional) |
### 3. NVR -1

<table>
<thead>
<tr>
<th>Sl No.</th>
<th>Items</th>
<th>Specifications</th>
</tr>
</thead>
</table>
| 1     | General Features | • Support IEEE802.11b/g/n (2.4GHz)  
• Support two-antenna to strengthen the Wi-Fi signal  
• H.265+/H.264+ codec decoding  
• Max 80Mbps wire incoming bandwidth  
• Max 24Mbps wireless incoming bandwidth  
• Up to 1ch@8MP/4ch@1080P decoding  
• 8 Channel  
• 2 TB HDD |

### 4. 8 Port PoE Switch -1

<table>
<thead>
<tr>
<th>Sl No.</th>
<th>Items</th>
<th>Specifications</th>
</tr>
</thead>
</table>
| 1     | General Features | • Layer 2 Commercial Switch  
• Long-distance PoE (LD PoE) Transmits Power and Data 250 m (820 ft)  
• Conforms to IEEE802.3, IEEE802.3u and IEEE802.3X  
• Conforms to IEEE802.3af and IEEE803.3at  
• Supports Hi-PoE (60 W)  
• MAC Auto-learning and Aging; 16K MAC Address Capacity  
• MDI/MDIX Self-adaptation  
• Metal Enclosure |

---

**General Terms & Conditions**

1. **Eligibility Criteria:**
   a) Should be a Firm/Company Incorporated in India.
   
b) Bidder should have a fully functional service centre with spares stock for attending the breakdown calls. Details of the service centre must be provided.

2. **Scope of Supply:**
   a) The tenders shall be submitted as per the technical specifications as per **Annexure – I** (Part A and Part B)
   
b) Submission of the tender implies that these conditions of tender have been read by the tenderer and is aware of the scope of the supply and the quality of the material to be supplied. The final acceptance of the tender rests with the Chief Executive Officer, Kerala Startup Mission who reserves the right to accept or reject any or all tenders without assigning any reason thereof.

3. **Submission of bids**
   The tender should be submitted in two parts as under I. Technical Bid

G3B, Thejaswini, Technopark Campus, Trivandrum, Kerala, India  Phone: +91-471-2700270 Fax: +91-471-2700224  
[www.startupmission.kerala.gov.in](http://www.startupmission.kerala.gov.in)
II. Financial Bid

The documents shall include the following:
1. Company registration details
2. Company profile
3. Work completion report
4. Copy of GST registration
5. Tender form
6. Annexure 1

Financial Bid

1. As per the Format given in Annexure 2

4. Validity of Tender
a) The tender shall be valid for a period of one year from the date of opening of the tender.
b) Tenderer for any reason whatever, withdraws the tender after it is accepted or become unable or fails to execute the orders within stipulated delivery period, KSUM shall be at liberty to cancel the order forthwith and the EMD of the tender in such a case will be forfeited by the KSUM.
c) No representation for the enhancement of the prices of the accepted tender or alteration of the terms and conditions will be entertained till supplies are completed.

5. Guarantee of Quality and Warranty of goods supplied:
a. Guarantee/Warranty and Support and defects liability period-The supplier shall guarantee that all equipments are free from any defects due to the defective materials and poor workmanship, that the equipments are not less than the guaranteed values. The Guarantee shall be valid for the period mentioned against each item above after successful testing and taking over. Any part found defective shall be replaced free of cost by the supplier.

6. Packing
a. The supplier shall provide packing of the goods, as required to prevent their damages or deterioration during the transit to their final destination as indicated in the contract. The packing shall be sufficient to withstand, without limitation, rough handling during transit.
b. The equipment shall be securely boxed, crated and protected from mechanical damage, moisture etc. suitable for both storage and transit according to the nature of the material and mode of transport.

7. Price
a) The price shall be firm and shall include all applicable taxes and charges. Any variation in the duties, levies etc. during the period of supplies shall be charged to the tenderer account. The rates quoted shall be all inclusive, with the delivery, up to destination i.e. KSUM, Trivandrum.
b) The Tenderer shall submit the copy of PAN Number, GST Number registration details along with the tender.
8. Delivery
   a. The successful tenderer shall complete supplies strictly within the accepted delivery period. Material ordered by the KSUM shall be delivered to destination securely packed as may be necessary.
   b. The Equipments shall have to be delivered and installed at KSUM, Calicut to the satisfaction of concerned Authority.

9. Payment
The payment will be made by KSUM by e-Transfer to the bank account as mentioned in the bank mandate. The tenderer shall submit the documents, which shall clearly indicate that the Proper Installation & successful Testing of Equipment are done.

10. Service Facility
In order to ensure proper and timely after sales service, contact details with addresses of service centre nearest to KSUM, Trivandrum shall be provided along with the bid.

11. Taxes
Suppliers shall be entirely responsible for all taxes, duties, license fees, octroi, road permits, etc., incurred until delivery of the contracted Goods to the Purchaser.

12. Termination for Default
The purchaser may, without prejudice to any other remedy for breach of contract, by written notice of default sent to the supplier, terminate the Contract in whole or part:
   a. If the supplier fails to deliver any or all of the Goods within the period(s) specified in the order, or within any extension thereof granted by the Purchaser; or
   b. If the Supplier fails to perform any other obligation(s) under the Contract.
   c. If the Supplier, in the judgment of the Purchaser has engaged in corrupt or fraudulent practices in competing for or in executing the Contract.

For the purpose of this Clause:
   a. “Corrupt practice” means the offering, giving, receiving or soliciting of anything of value to influence the action of a public official in the procurement process or in contract execution.
   b. “Fraudulent practice” means a misrepresentation of facts in order to influence a procurement process or the execution of a contract to the detriment of Borrower, and includes collusive practice among Tenderers(prior to or after bid submission) designed to establish bid prices at artificial non-competitive levels and to deprive the Borrower of the benefits of free and open competition”.

In the event the Purchaser terminates the Contract in whole or in part, the Purchaser may procure, upon such terms and in such manner, as it deems appropriate, Goods or Services similar to those undelivered, and the Supplier shall be liable to the Purchaser for any excess costs for such Goods or Services. However, the Supplier shall continue the performance of the contract to the extent not terminated.

13. Claims:
   a. If the material supplied are found to be off size and shape different than those in the accepted offer and are of specifications lower than those stipulated in the accepted offer, KSUM shall have the right to totally reject the goods and/or to prefer a claim for compensation for the part of goods, which are rejected.
   b. The supplier shall reimburse to KSUM, the actual expenditure incurred, on such goods, within 15 (fifteen) days of its demand.
c. The supplier shall be responsible for arranging the rejected goods to be removed at his/her cost from KSUM, Trivandrum premises.
d. The supplier shall also compensate for losses, if any, sustained by KSUM due to defective packing and/or wrong marking of the goods.

We confirm with our acceptance to the Commercial & General Terms & Conditions Sl. No. 1 to 13 as given above.

Date: 

Name, Signature and seal of tenderer
TENDER FORM

The Chief Executive Officer
Kerala Start-Up Mission (Formerly Technopark TBI),
G3B, Thejaswini,
Technopark Campus,
Trivandrum 695581

Dear Sir,

Sub: Bid form
Ref: Tender No.: KSUM/TExt/CCTV/CLT/2019-20/01

1. Having examined the conditions of tender contract, the receipt of which is hereby duly acknowledged, i/we undersigned, offer to supply all hardware & software and execute all works in conformity with tender specifications referred above and also to the said terms & conditions from the sum shown in the commercial bid(s) attached herewith and made part of this bid.

2. I/We undertake, if our Bid is accepted to complete delivery & commissioning of all Items specified in the contract within 1 week calculated from the date of issue of your purchase order/LOI.

3. We understand that you are not bound to accept the lowest or any bid, you may receive.

4. I / We affirm that I / We have enclosed the acceptance of all terms and conditions and also all brochures detailing the technical specification of the items quoted by me/us.

5. I / We hereby confirm that all the items supplied are in proper working condition and tested successfully.

6. The tender document for the works mentioned above have been obtained by me from the URL: https://startupmission.kerala.gov.in/tender, the official website of Govt of Kerala and I / we hereby certify that I / we have read the entire terms and conditions of the tender document, which shall form part of the contract agreement and I / we shall abide by the conditions / clauses contained therein.

7. My /our GST & PAN Numbers are as follows.

8. GST Registration Number. ........................

9. PAN Number. ..............................

10. Dated this .............................day of.............................................. 201....

11. Signature of

12. In capacity of

13. Duly authorized to sign the bid for and on behalf of ----------------------------------

14. Witness 1. ----------------

15. Signature

16. Witness 2. ----------------

17. Signature
# Annexure I

## Technical Specification for the supply and installation of CCTV

### Dome Camera - 1

<table>
<thead>
<tr>
<th>Sl No.</th>
<th>Items</th>
<th>Specs</th>
<th>Compliance (Yes/No)</th>
<th>If No, Specify exact specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>General Features</td>
<td>1/2.9&quot; 2Megapixel progressive CMOS</td>
<td>Yes</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>H.264+ &amp; H.264 dual-stream encoding</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>25/30fps@2M(1920×1080)</td>
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<tr>
<td></td>
<td></td>
<td>DWDR, Day/Night(ICR), 3DNR, AWB, AGC, BLC</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Multiple network monitoring: Web viewer, CMS(DSS/PSS) &amp; DMSS</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>2.8 mm fixed lens (3.6mm optional)</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Max IR LEDs Length 30m</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>IP67, PoE (ip camera)</td>
<td></td>
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</tr>
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</table>

### Bullet Camera - 7

<table>
<thead>
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<th>Sl No.</th>
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<tr>
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<td>General Features</td>
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<td></td>
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<td>Max IR LEDs Length 30m</td>
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<tr>
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<td>IP67, PoE</td>
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### NVR - 1

<table>
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<th>Specs</th>
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<th>If No, Specify exact specification</th>
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<tr>
<td>1</td>
<td>General Features</td>
<td>Support IEEE802.11b/g/n(2.4GHz)</td>
<td>Yes</td>
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<td>Support two-antenna to strengthen the Wi-Fi signal</td>
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<td>H.265+/H.264 codec decoding</td>
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</tr>
<tr>
<td></td>
<td></td>
<td>Max 80Mbps wire incoming bandwidth</td>
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</tr>
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<td>Max 24Mbps wireless incoming bandwidth</td>
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<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Up to 1ch@8MP/4ch@1080P decoding</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>8 Channel</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>2 TB HDD</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sl No.</td>
<td>Items</td>
<td>Specs</td>
<td>Compliance (Yes/No)</td>
<td>If No, Specify exact specification</td>
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<td>---------------------------------------------------------------------------------------------</td>
<td>----------------------</td>
<td>-------------------------------------</td>
</tr>
<tr>
<td>1</td>
<td>General Features</td>
<td>• Layer 2 Commercial Switch&lt;br&gt;• Long-distance PoE (LD PoE) Transmits Power and Data 250 m (820 ft)&lt;br&gt;• Conforms to IEEE802.3, IEEE802.3u and IEEE802.3X&lt;br&gt;• Conforms to IEEE802.3af and IEEE803.3at&lt;br&gt;• Supports Hi-PoE (60 W)&lt;br&gt;• MAC Auto-learning and Aging; 16K MAC Address Capacity&lt;br&gt;• MDI/MDIX Self-adaptation&lt;br&gt;• Metal Enclosure</td>
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Annexure 2
Financial Bid submission format

<table>
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<th>Item</th>
<th>Quantity</th>
<th>Amount</th>
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<tr>
<td>1</td>
<td>Dome Camera</td>
<td>1</td>
<td></td>
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<tr>
<td>2</td>
<td>Bullet Camera</td>
<td>7</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>NVR</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>8 Port PoE Switch</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>Cabling and Installation</td>
<td>1</td>
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</tr>
<tr>
<td>6</td>
<td><strong>Total</strong></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*The rate quoted to be inclusive of all taxes and duties*