

**EXPRESSION OF INTEREST**

**FOR**

**SELECTION OF BACKEND PARTNER / SYSTEM INTEGRATOR**

**FOR**

**SITC OF CAMERAS WITH NETWORKING, REPLACEMENT OF**

**EXISTING CAMERAS AND ALLIED WORKS FOR SCCTV SYSTEM**

**WITH THREE YEARS ONSITE WARRANTY AND THREE YEARS CAMC**

**WITH SPARES**

**AT CHENNAI AIRPORT.**

**EOI No. BECIL/PROJ/BT/CCTV/AAI-CHENNAI/25-26/EOI**

**Dated: 09.01.2026**

**Issued By**

**Mr. Binay Kumar Tiwari (DGM)**

 <p>बेसिल BECIL</p>	<p><b>Broadcast Engineering Consultants India Limited</b> <b>(A Government of India Enterprise)</b> CIN No. : U32301UP1995GOI017744</p> <p><i>Corporate Office:</i> BECIL BHAWAN, C-56-A/17, Sector-62, Noida-201 307Tel: 0120 4177850, Fax: 0120 4177879</p> <p><i>Head Office:</i> 14-B Ring Road, IP Estate, New Delhi- 110002Tel: 011 23378823, Fax: 01123379885 Web: <a href="http://www.becil.com">www.becil.com</a></p>
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## DISCLAIMER

The information contained in this Request for Proposal document (the "EOI") or subsequently provided to Bidder(s), whether verbally or in documentary or any other form by or on behalf of BECIL or any of its employees or advisors, is provided to Bidder(s) on the terms and conditions set out in this EOI and such other terms and conditions subject to which such information is provided. This EOI is not an agreement and is neither an offer nor invitation by BECIL to the prospective Bidders or any other person. The purpose of this EOI is to provide interested parties with information that may be useful to them in making their offers (Bids) pursuant to this EOI. This EOI includes statements, which reflect various assumptions and assessments arrived at by BECIL in relation to the Project. Such assumptions, assessments and statements do not purport to contain all the information that each Bidder may require. This EOI may not be appropriate for all persons, and it is not possible for BECIL, its employees or advisors to consider the investment objectives, financial situation and particular needs of each party who reads or uses this EOI. Each Bidder should, therefore, conduct its own investigations, actual site/ facilities/location inspections and analysis and should check the accuracy, adequacy, correctness, reliability and completeness of the assumptions, assessments, statements and information contained in this EOI and obtain independent advice from appropriate sources. Information provided in this EOI to the Bidder(s) is on a wide range of matters, some of which may depend upon interpretation of law. The information given is not intended to be an exhaustive account of statutory requirements and should not be regarded as a complete or authoritative statement of law. BECIL accepts no responsibility for the accuracy or otherwise for any interpretation or opinion on law expressed herein. BECIL, its employees and advisors make no representation or warranty and shall have no liability to any person, including any Applicant or Bidder under any law, statute, rules or regulations or tort, principles of restitution or unjust enrichment or otherwise for any loss, damages, cost or expense which may arise from or be incurred or suffered on account of anything contained in this EOI or otherwise, including the accuracy, adequacy, correctness, completeness or reliability of the EOI and any assessment, assumption, statement or information contained therein or deemed to form part of this EOI or arising in any way for participation in this Bid Stage. BECIL also accepts no liability of any nature whether resulting from negligence or otherwise howsoever caused arising from reliance of any Bidder upon the statements contained in this EOI. BECIL may in its absolute discretion, but without being under any obligation to do so, update, amend or supplement the information, assessment or assumptions contained in this EOI. The issue of this EOI does not imply that BECIL is bound to select a Bidder or to appoint the Selected Bidder for the Project and BECIL reserves the right to reject all or any of the Bidders or Bids without assigning any reason whatsoever. The Bidder shall bear all its costs associated with or relating to the preparation and submission of its Bid including but not limited to preparation, copying, postage, delivery fees, expenses associated with any demonstrations or presentations which may be required by BECIL or any other costs incurred in connection with or relating to its Bid. All such costs and expenses will remain with the Bidder and BECIL shall not be liable in any manner whatsoever for the same or for any other costs or other expenses incurred by a Bidder in preparation or submission of the Bid, regardless of the conduct or outcome of the Bidding Process. In case of any rejection/cancellation, no bidder has any right to claim any compensation or reimbursement to cost. Participation in EOI does not guarantee selection of bidder.

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**SECTION –I**  
**INTRODUCTION AND BRIEF DESCRIPTION**

**1. INTRODUCTION**

Broadcast Engineering Consultants India Limited (BECIL), an ISO 9001:2015, 27001:2013, ISO/IEC 2000:2012 certified Mini Ratna Central Public Sector Enterprise (CPSI) was incorporated on 24th March, 1995 under the Companies Act, 2013 (erstwhile the Companies Act, 1956) by Government of India with 100% equity share capital of BECIL held by President of India through Secretary and Joint Secretary of Ministry of Information & Broadcasting.

The Company was initially set up for providing project consultancy services and turnkey solutions encompassing the entire gamut of radio and television broadcast engineering, establishment of transmission facilities, content production facilities, terrestrial, satellite and cable broadcasting in India and abroad. The company has now diversified into the fields of Strategic Projects such as Information Communication.

Technology, Electronic Surveillance (namely CCTV, Access Control, Intrusion, Fire Safety, Hydrants, etc.). Electronic Media contents including films, Sentinel Analytics, Counter Drones/UAV etc. The activities include, but are not limited to Supply, Installation, Testing & Commissioning, Consultancy Services, Technical Audit, Media Analysis, R&D, projects pertaining to Digital India, City Surveillance, Safe City. Smart City, Make in India, Manufacturing, Audio Video & Data Analysis, Cyber Security, Engineering, Procurement & Construction, Project Management Services, Operation and Maintenance, Manpower Placement, AMC and providing total turnkey project for critical information infrastructure.

BECIL, has its Head Office in New Delhi, Corporate Office in Noida and Regional Office in Bangalore and Kolkata. BECIL is exploring geographical expansion in many states due to diversification in business portfolios.

Over the years, BECIL has consciously groomed and developed a team of in-house, versatile and dedicated engineers and also cultivated and harnessed a vast reservoir of professionals drawn from various fields of Broadcasting Industry, which include public and private Broadcasters, Defense and Cable Industry. Through this network of resourceful technical professionals, BECIL, has established its pan India presence to serve the needs of the industry.

BECIL has a vast reservoir of experts and integrates the expertise of All India Radio (AIR) and Doordarshan (DD), the national broadcaster of India, catering to one of the largest Radio Networks reaching out to more than a billion people and the world's largest Terrestrial Television Network supplemented by Analogue and Digital satellite Broadcasting services reaching out to millions of TV homes in India and abroad.

## **2. INTRODUCTION OF PROJECT/TENDER**

Airport Authority of India (AAI), Chennai Airport has floated a tender vide No. GEM/2025/B/7018762 dated 18/12/2025 for **SITC of Cameras with Networking, Replacement of Existing Cameras and Allied works for SCCTV System with Three years Onsite warranty and Three years CAMC with spares at Chennai Airport**

### **3.1 ELIGIBLE BIDDERS**

That the Prospective Bidder or its Allied firm or sister concern should not be blacklisted/debarred or put on holiday, by BECIL or any other Public sector Enterprise or a Government Body, as on the date of submission of the bid.

That the Bid submitted by any of the Bidder, who is found to be blacklisted/ debarred or on a Holiday list shall be out rightly rejected.

That in the event, if the Bidder chooses to be discreet and conceal about its status or about the status of any of its Allied/Sister concern of being debarred, then it shall be construed as a misrepresentation of facts and shall lead to an appropriate action by BECIL.

That the Bidder should not be undergoing any liquidation/insolvency proceedings on the due date of the submission of the bid. In case of any change in the status of declaration by the Bidder, the same shall be notified by BECIL to the Bidder in a span of seven days from the date of initiation of proceeding.

### **3.2 COST OF BIDDING**

The Bidder shall be responsible to bear any costs associated with the preparation and submission of the Bid, and BECIL in no case, shall be responsible or liable for costs, inclusive of but not limited to bank charges, courier charges, site visits, expenses incurred for the purpose of demonstration and representation as desired by BECIL in order to assess the efficiency of the prospective Bidder, or any other expenses incurred for the submission of the Bid. That the Bidder shall be responsible for the costs/expenses regardless of the outcome of the bidding process.

### **3.3 ASSURANCE**

The successful Bidder shall have to provide requisite documentation and satisfactory assurance of its capability and intention in regard to the supply of the goods and/or performance of the requisite scope of work/services pursuant to the award of the Contract within the time set forth herein

### **3.4 SITE VISIT**

It shall be the responsibility of the Bidder to visit the Premises/Site wherein the work is to be performed or services is to be delivered to obtain all the requisite information that is necessary/essential for preparing the Bids and entering into a Contract. The cost of visiting the Site shall be borne by the Bidder.

The grant of permission by BECIL to the Bidder or its Authorized Representative , for the purpose of Site visit shall be contingent on the express condition that the Bidder and its representatives/agents shall indemnify the Company i.e. BECIL and its personnel from and

against all liability in respect thereof and will be responsible for personal injury (whether fatal or otherwise), loss of or damage to property and any other loss, damage, costs and expenses however caused, which, but for the exercise of such permission would not have arisen. That in the event if the Bidder fails to visit the site, it shall not relieve it from the performance of its scope of work/obligations as per the Contract

### **3.5 CONTENTS OF THE BIDDING DOCUMENT**

That the set of Bidding Documents, include the Annexures given herein below in addition to the Invitation for Bid, together with any amendment/addendum

- i. Annexure -I Introduction and Brief Description
- ii. Annexure II- Schedule Of Dates
- iii. Annexure III- General Terms and Conditions
- iv. Annexure IV- Scope of Work and Specification
- v. Annexure V- Bid Evaluation and Matrix
- vi. Annexure VI- Enclosures and Forms

### **3.6 CLARIFICATION OF BIDDING DOCUMENT**

For any clarification related to using the portal, you may visit the below link:

<https://becil.ewizard.in>

<https://becil.ewizard.in>

- (i) Any queries relating to the tender document and the terms and conditions contained therein should be addressed to the Tender Inviting Authority for a tender or the relevant contact person indicated in the tender.
- (ii) Any queries relating to the process of online bid submission or queries relating to e-tender Portal in general may be directed to the Helpdesk Support.
- (iii) Please feel free to contact ewizard helpdesk (as given below) for any query related to

**E-tendering Phone No. 011-49606060**

**Mail id: - [helpdesk@ewizard.com](mailto:helpdesk@ewizard.com)** -

### **3.7 ADDENDUM/AMENDMENT TO THE BIDDING DOCUMENT**

At any time prior to the deadline for the submission of the Bids by the Bidders, BECIL shall have the discretion to amend the bid at its own initiative or in sub-sequence to a clarification sought by the prospective Bidder.

The Amendment / Addendum shall form a part of the Bidding Document pursuant to clause 10 and clause 43 of the General terms and Conditions and the same shall be notified on the said procurement portal, so that the said addendum/amendment becomes binding on all the prospective bidders.

In the event of an Addendum/Amendment to the Bidding Document, the prospective Bidders shall be provided with a reasonable time for the purpose of preparation of their bids.

### **3.8 LANGUAGE OF THE BID**

That the Bid and all correspondences and communication in connection with this Bid shall be in English language. The supporting documents to be submitted by the Bidder may be in another language provided they are accompanied by a certified translation. However, BECIL may also translate the documents on its own to avert the possibility of any irregularity and ambiguity.

### **3.9 EARNEST MONEY DEPOSIT**

**EMD/ Bid Security:** The Bid Security amounting to **Rs. 62,51,755/-** (Rupees Sixty Two Lakh Fifty One Thousand Seven Hundred and Fifty Five Only) will be submitted with bid by all the bidders in the form of BG/ online transfer. Concessions / award of work to the MSME registered with NSIC should be applicable as per the directives of Govt. of India (<http://dcmsme.gov.in>). However, kindly note this contract work is composite in nature, work should not be awarded by splitting the order. Firms should submit UDYAM, UDYOG ADHAAR valid certificate for EMD Exemption. The EMD will be refunded, in case work is awarded to BECIL on the submission of Performance Bank Guarantee and in case of unsuccessful bid, immediately after the fact came to BECIL knowledge. That the Earnest money deposit has been sought with an intent to protect the interests of M/s BECIL against the conduct of the Bidder which shall warrant the forfeiture of the earnest money deposit.

That any Bid not secured in accordance with Earnest Money Deposit will be rejected by BECIL by virtue of being un-responsive. That the Earnest money deposit of all the Unsuccessful Bidders shall be discharged/returned not later than 45 days after the finalization of the tendering process, whereas the Earnest money deposit of the unsuccessful Bidder shall be discharge upon signing the Work Order/Agreement or upon acknowledging the award and on furnishing of the Performance bank guarantee/ Security deposit.

Exemption to MSME and Startup shall be given as per GoI guidelines. Notwithstanding any contained in the Contract, the Earnest money deposit shall be forfeited in the following circumstances-:

- i. In the event of withdrawal of bid, by the Bidder during the bid validity period
- ii. If the Bidder is found indulgent in fraudulent/collusive and coercive practice
- iii. In the event if the Bidder modifies the bid after the due date and time for the submission of the Bids
- iv. In the case of successful Bidder, if the Bidder fails to sign the work order/Agreement
- v. In case if the Bidder fails to furnish the Performance bank guarantee/ security.

### 3.10 INTENT AND IMPORTANT ASPECTS OF THE EXPRESSION OF INTEREST (EOI)

The Intent and important aspects of this Expression of Interest is (EOI) are as follows: -

BECIL intends to onboard a **Back-end Partner/System Integrator**. The selected partner will support BECIL in the execution of Tender No. GEM/2025/B/7018762 dated 18/12/2025 titled **‘SITC of Cameras with Networking, Replacement of Existing Cameras and Allied works for SCCTV System with Three years Onsite warranty and Three years CAMC with spares at Chennai Airport’**

The intent of this EOI is to select a Back-end Technology Partner of BECIL, subsequently work with BECIL for the above-mentioned tender if work gets awarded to BECIL. An MOU/ Agreement will be signed by BECIL with the Back-end Technology partner selected through this EOI, for preparation of bid and/ or participation in the above-mentioned tender.

In case the bid submitted by BECIL against the said tender, is accepted and BECIL receives Work Order/ Agreement from/ with the Client. BECIL may issue a Work Order to the selected agency. In such a scenario, the following conditions will be applicable, which are to be fully taken into consideration by the bidders, prior submitting a response to this EOI:-

The Back end Technology partner selected through this EOI, may be issued a work order by BECIL, for undertaking the work as per the above mentioned client’s tender.

All terms and conditions of the client’s tender, and any subsequent amendments/ corrigenda thereof, will be applicable fully on back to back basis on the Back end technology partner selected through this EOI, including all important terms and conditions like EMD, PBG, Payment Terms, SLA conditions, Liquidity Damages, and any other penalties etc.

**Performance Bank Guarantee (PBG):** In case the said tender is awarded to BECIL, the PBG as applicable shall be payable by the selected bidder on back to back basis as per the terms and conditions of Client’s Tender. The bidder must submit an undertaking in the bid stating that "they will provide the PBG in accordance with the timeline and the terms and conditions outlined in the client's tender.

All payments in the Project to the selected agency shall be on back-to-back basis only subject to receipt of corresponding payment from the client. An advance payment may be made to the selected agency, only if BECIL, receives an advance from the customer, provided the selected agency submits a bank guarantee (BG) of 110% of amount to BECIL in addition to the PBG.

The decision to engage the successful bidder as Back End Technology Partner shall be taken by the Competent Authority of BECIL and accordingly the respective agreement shall be signed.

Bidders are advised to go through the Scope of Work and terms & condition of the said tender to understand the requirement and challenges associated with locations prior to submitting their bids.

The selected agency shall not subcontract, assign, or transfer any part of its obligations, duties, or responsibilities to any third party without the prior written consent of BECIL. Any attempt to do so shall be considered a material breach, leading to immediate termination without any liability on the part of BECIL.

## SECTION –II

### 4.1 IMPORTANT DATES (SCHEDULE AND CRITICAL DATES)

## 4.2. INSTRUCTIONS FOR E-TENDERING PORTAL OF BECIL

### 4.2.1 E-TENDER PORTAL FEE

The bidder has to pay a non-refundable e-tender portal fee amounting to

S.N	ACTIVITY	SCHEDULED DATE & TIME
1.	<b>EOI Number</b>	<b><u>BECIL/PROJ/BT/CCTV/AAI-CHENNAI/25-26/EOI</u></b>
2.	<b>Date of Issue of EOI</b>	<b>09.01.2026</b>
	<b>Last date and Time for Submission of bids</b>	<b>13<sup>th</sup> January, 2026 at 11.30 Hrs.</b>
3.	<b>Bid Opening Date</b>	<b>13<sup>th</sup> January, 2026 at 12.00 Hrs.</b>
4	<b>Availability of Document</b>	<a href="https://www.becil.com">https://www.becil.com</a> ; <a href="https://becil.ewizard.in">https://becil.ewizard.in</a>
5	<b>E-tender Portal Fee (Non-refundable)</b>	INR 3,540/- E-tender Portal Fee (non-transferrable & non-refundable) payable through online e-Portal
6	<b>Bidder Enrolment Fee (Non-refundable)</b>	INR 2360/- Bidder Enrolment Registration fee (non-transferrable & non-refundable) payable through online e-Portal
7.	<b>RFP document Fee (Form Fee) (Non-Refundable)</b>	INR 17,700/- (incl GST) Form Fees (non-transferrable & non-refundable) payable through online e-Portal
8.	<b>EMD/ Bid Security</b>	INR <b>62,51,755</b> /- to be submitted with the bid. For detail refer clause 3.9
9.	<b>Address for Communication of bids</b>	BECIL Bhawan, C-56 / A -17, Sector - 62, Noida – 201307.
10.	<b>Contact details for this EOI</b>	Sh. Binay Kumar Tiwari, DGM Tele- 0120-4177850 Email- <a href="mailto:binaytiwari@becil.com">binaytiwari@becil.com</a>

₹ 3540/- (Non-refundable) by way of on-line payment on e-tender portal before submission of the proposal.

#### 4.2.2 SUBMISSION OF THE PROPOSAL

The bidders are advised to study the RFP document carefully. Submission of proposals shall be deemed to have been done after careful study and examination of the RFP document with full understanding of its implications. Bidders shall have to submit their proposal (Technical and Financial) online through the e-tendering website <https://becil.ewizard.in>

#### 4.2.3 E-TENDERING PROCEDURE

(i) E-Procurement is the complete process of e-tendering from publishing of tenders online, inviting online bids, evaluation and award of contract using the system. You may keep a watch of the tenders floated under <https://becil.ewizard.in>. These will be invited for online Bids. Bidder Enrolment can be done using "Bidder Enrolment".

(ii) The instructions given below are meant to assist the bidders in registering on the e-tender Portal, and submitting their bid online on <https://becil.ewizard.in> the e-tendering portal as per uploaded bid.

(iii) More information useful for submitting online bids on may be obtained at: <https://becil.ewizard.in>

#### 4.2.4 GUIDELINES FOR REGISTRATION ON PORTAL

(i) Bidders are required to enroll on the e-Procurement Portal by clicking on the link "Online Bidder Enrolment" on the e-tender Portal by paying the **Registration fee of Rs. 2360/- (inclusive of taxes)**.

(ii) As part of the enrolment process, the bidders will be required to choose a unique username and assign a password for their accounts.

(iii) Bidders are advised to register their valid email address and mobile numbers as part of the registration process. These would be used for any communication with the bidders.

(iv) Upon enrolment, the bidders will be required to register their valid Digital Signature Certificate (Only Class III Certificates with signing + encryption key usage) issued by any Certifying Authority recognized by CCA India (e.g. Sify / TCS / nCode / eMudhra etc.), with their profile. Or bidders can contact our help desk for getting the DSC.

(v) Only valid DSC should be registered by a bidder. Please note that the bidders are responsible to ensure that they do not lend their DSC's to others which may lead to misuse.

(vi) Bidder then logs in to the site through the secured log-in by entering their user ID /password and the password of the DSC /e-Token.

(vii) The scanned copies of all original documents should be uploaded in pdf format on portal <https://becil.ewizard.in>

(viii) After completion of registration payment, bidders need to send their acknowledgement copy on our **help desk mail ID: helpdesk@ewizard.com** for activation of your account.

Helpdesk Number : Tel 011-49606060 , 9355030616, 9560364871

#### **4.2.5 SEARCHING FOR TENDER DOCUMENTS ON PORTAL**

(i) There are various search options built in the e-tender Portal, to facilitate bidders to search active tenders by several parameters.

(ii) Once the bidders have selected the tenders they are interested in, you can pay the form fee and processing fee (NOT REFUNDABLE) by net-banking / Debit / Credit card then you may download the required documents / tender schedules, Bid documents etc. Once you pay both fee tenders will be moved to the respective 'requested' Tab. This would enable the e-tender Portal to intimate the bidders through e-mail in case there is any corrigendum issued to the tender document.

#### **4.2.6 PREPARATION OF BIDS ON PORTAL**

(i) Bidders should take into account any corrigendum published on the tender document before submitting their bids.

(ii) Please go through the tender advertisement and the tender document carefully to understand the documents required to be submitted as part of the bid.

(iii) Bidders, in advance, should get ready the bid documents to be submitted as indicated in the tender document /schedule and generally, they can be in PDF formats. Bid Original documents may be scanned with 100 dpi with Color option which helps in reducing size of the scanned document.

(iv) To avoid the time and effort required in uploading the same set of standard documents which are required to be submitted as a part of every bid, a provision of uploading such standard documents (e.g. PAN card copy, GST, Annual reports, auditor certificates etc.) has been provided to the bidders. Bidders can use "My Documents" available to them to upload such documents.

(v) These documents may be directly submitted from the "My Documents" area while submitting a bid, and need not be uploaded again and again. This will lead to a reduction in the time required for bid submission process.

#### **4.2.7 SUBMISSION OF BIDS ON PORTAL**

(i) Bidder should log into the website well in advance for the submission of the bid so that it gets uploaded well in time i.e. on or before the bid submission time. Bidder will be responsible for any delay due to other issues.

(ii) The bidder has to digitally sign and upload the required bid documents one by one as

indicated in the tender document as a token of acceptance of the terms and conditions laid down by BECIL.

(iii) Bidder has to select the payment option as “e-payment” to pay the tender fee / EMD as applicable and enter details of the instrument.

(iv) Bidders are requested to note that they should necessarily submit their financial bids in the format provided and no other format is acceptable. If the price bid has been given as a standard BOQ format with the tender document, then the same is to be downloaded and to be filled by all the bidders. Bidders are required to download the BOQ file, open it and complete the white colored (unprotected) cells with their respective financial quotes and other details (such as name of the bidder). No other cells should be changed. Once the details have been completed, the bidder should save it and submit it online, without changing the filename. If the BOQ file is found to be modified by the bidder, the bid will be rejected.

(v) The server time (which is displayed on the bidders’ 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.

(vi) The uploaded tender documents become readable only after the tender opening by the authorized bid openers. Upon the successful and timely submission of bid click “Complete” (i.e. after Clicking “Submit” in the portal), the portal will give a successful Tender submission acknowledgement & a bid summary will be displayed with the unique id and date & time of submission of the bid with all other relevant details. The tender summary has to be printed and kept as an acknowledgement of the submission of the tender. This acknowledgement may be used as an entry pass for any bid opening meetings.

#### **4.2.8 CLARIFICATION**

For any clarification related to using the portal, you may visit the below link:

<https://becil.ewizard.in>

(i) Any queries relating to the tender document and the terms and conditions contained therein should be addressed to the Tender Inviting Authority for a tender or the relevant contact person indicated in the tender.

(ii) Any queries relating to the process of online bid submission or queries relating to e-tender Portal in general may be directed to the Helpdesk Support.

(iii) Please feel free to contact ewizard helpdesk (as given below) for any query related to

**E-tendering Phone No. 011-49606060**

**Mail id: - [helpdesk@ewizard.com](mailto:helpdesk@ewizard.com)**

## SECTION-III

### EOINOTICE & GENERAL TERMS AND CONDITION

#### **5**      EOINOTICE

**5.1**      Broadcast Engineering Consultants India Limited (BECIL) invites Expression of Interest (EOI), through online mode, for selection of a Back end Technology partner of BECIL, for collaborating with BECIL for participating in Tender No. GEM/2025/B/7018762 dated 18/12/2025 Titled **SITC of Cameras with Networking, Replacement of Existing Cameras and Allied works for SCCTV System with Three years Onsite warranty and Three years CAMC with spares at Chennai Airport**

**5.2**      The EOI must be submitted in English Only. All the documents including the supporting documents/ enclosures etc. must be Calibri/ Aerial/ Times New Roman, font size-12 and fully legible. Supporting documents if in a language other than English must be accompanied by an English translated document. The English version shall prevail in matters of interpretation. EOI Documents which are not legible shall be rejected.

**5.3**      The representative of agency will require a specific authorization/ board resolution to submit the EOI.

**5.4**      In case the bidder has any doubt about the meaning of anything contained in the EOI document/pre-bid queries, they shall seek clarification within 2 days of issue of EOI. Except for any written clarification by Shri Binay Tiwari, DGM, BECIL, no written or oral communication, presentation or explanation by any other employee of BECIL shall be taken to bind or fetter BECIL under the contract. In case of such clarification or otherwise, the extension in the bid submission date of the EOI shall be entirely on the discretion of BECIL taking into the consideration of end client's tender submission due date.

**5.5**      The Management of BECIL reserves the right to amend or withdraw any of the terms and conditions mentioned in the EOI Document or reject any or all the bids without giving any notice or assigning any reason. The decision of the CMD, BECIL in this regard shall be final and binding on all.

**5.6**      BECIL reserve the right to amend any term of the EOI at any point of time before the submission and bidder should regularly check the website. Further, BECIL also reserves to increase/ decrease/ delete/ add any BOQ item. Further any amendment done by client after the selection of bidder, all the amendment will be applicable. In case of non-acceptance of such amendment, the EMD submitted will be forfeited by BECIL and blacklisting of agency may be done for a minimum period of 3 years from participating in BECIL EOI/tenders

**5.7**      The bidder should submit the signed Integrity Pact on a plain paper along with the bid.

**5.8**      The Bidders will have no right to withdraw from the EOI process post submission of their bid without the formal consent of BECIL.

**5.9**      Participation in the EOI by any bidder will be on "NO COST NO COMMITMENT" basis. The Bidder shall bear all cost associated with the preparation and submission of the Bid including but not limited to Documentation Charges, Bank charges, all courier charges, translation charges, authentication charges and any associated charges including taxes & duties

thereon. Further, BECIL will in no case be responsible or liable for these costs, regardless of the outcome of the bidding process.

**5.10 For Consortium : Not Applicable**

**6 SUBMISSION OF EOI**

**6.1** EOI, complete in all respects, must be submitted online on the <https://becil.ewizard.in>.

**6.2** BECIL may, at its own discretion, extend the date for submission of EOI. In such a case all rights and obligations of BECIL and the bidders shall be applicable to the extended time frame.

**6.3** As the EOI can be submitted only up to the defined date and time, there can't be any late bids.

**6.4** At any time prior to the last date for receipt of EOI, BECIL may for any reason, whether at its own initiative or in response to a clarification requested by a prospective bidder, modify the EOI document by an amendment. The amendment will be notified on BECIL's website <http://www.becil.com> & <https://becil.ewizard.in> and should be taken into consideration by the prospective bidders while preparing their EOI.

**6.5** The bidders will bear all costs associated with the preparation and submission of their bids. BECIL will, in no case, be responsible or liable for those costs, regardless of the conduct or outcome of the tendering process.

**6.6** The bidder shall ensure that it fulfills the eligibility criteria as desired in the EOI and other essential conditions. Compliance statement of Eligibility criteria with the documents submitted as a proof is to be prepared and submitted. The supporting documents may be with list of existing and past clients with details of services offered, details of similar projects executed.

**6.7** The EOI should be duly signed on each page by authorized person. Documents authorizing the signatory /Power of Attorney must accompany the bid.

**6.8** The EOI complete in all respects must be submitted with requisite information and annexure(s). The EOI should be free from ambiguity, change or interlineations. In complete EOI will not be considered and is liable to be rejected without making any further reference to agency/ bidder

**6.9** Bidders have to take into account any changes/ amendments made in the end client's tender/ RFP through corrigendum till date of submission of bid in response of EOI.

<b>6.10</b>	<b>Checklist of documents/information to be submitted</b>	
	(a)	Bidder Particulars as per format.
	(b)	Certificate of Incorporation (for Company/LLP/Proprietorship)
	(c)	Memorandum & Articles of Association/Partnership deed/Proprietorship declaration
	(d)	Audited financial statements for the last 3 years i.e. FY 2022-23; 23-24; 24-25.
	(e)	ITR Acknowledgment for last 3 years i.e. FY 2022-23; 23-24; 24-25
	(f)	Undertaking to provide the PBG in accordance with the timeline and the terms and conditions outlined in the client's tender
	(g)	GST Registration Certificate
	(h)	Copy of PAN Card

(i)	Any other relevant registration documents on registration with other appropriate authorities (ESIC, EPFO, Labour deptt etc.)
(j)	Power of Attorney authorizing the person signing the bid for this EOI.
(k)	Undertaking in letter head to indemnify BECIL from any claims / penalties / statutory charges, liquidated damages, with legal expenses etc.
(l)	Undertaking in compliance to Office Memorandum No. F. No. 6/18/2019-PPD, Dated 23-07-2020, Department of Expenditure, Ministry of Finance as per Clause 10 below.
(m)	All the requisite documents in the prescribed formats placed at Annexures to this EoI
(n)	Pre-Contract Integrity Pact as per Annexure-A
(o)	All the documents in support of Technical criteria like Experience Certificates, PO, proposed Makes for the solution, Solution architecture (if asked) and other documents as required.
(p)	Declaration regarding acceptance of Terms and conditions of EOI.
(q)	Undertaking for compliance with signing of Non-disclosure agreement as per clause 39 below.
(r)	Undertaking for payment of EMD/ Bid Security if selected <b>or</b> claiming EMD exemption under startup and MSME enclosing the relevant documents <b>such as registration certificate with MSME.</b>
(s)	Undertaking regarding absence of Conflict of Interest as per clause 14 below
(t)	<del>Consortium agreement in case where bidder is consortium</del>

## **7** **OPENING OF EOI**

**7.1** The bids submitted against this EOI shall be opened on 13.01.2026 at 12.00 Hrs. BECIL reserves the right to change the date of opening of bid.

**7.2** Bidders who wish to attend opening of EOI may visit BECIL for the same at the designated time, with authorization in proper format on bidder's letter head.

**SECTION -III**

**GENERAL TERMS & CONDITIONS OF EOI**

## **8. RELATIONSHIP BETWEEN THE PARTIES**

Nothing contained herein, shall be construed as establishing a relation of master and servant or of Agent and Principal as between the Bidder/Agency and BECIL.

## **9. INTELLECTUAL PROPERTY RIGHTS:**

- 9.1 Deliverable, outputs, plans, drawings, specifications, designs, reports and other documents and software submitted by the Bidders under this EOI and subsequent to this EOI in relation with this tender shall become and remain the property of BECIL/procuring entity and subject to laws of copyright, must not be shared with third parties or reproduced, whether in whole or part, without BECIL's/ the procuring entity's prior written consent.
- 9.2 The Bidder shall, not later than upon termination or expiration of this Contract and/or subsequent Agreement/Contract signed with the Bidder, deliver all such documents and software to BECIL/the procuring entity, together with a detailed inventory thereof.
- 9.3 The Bidder shall not incorporate any materials, technology or any item or thing that involves the use of intellectual property rights or proprietary rights that the Bidder does not have the right to use or that may result in claims or suits against BECIL arising out of claims of infringement of any intellectual property rights or other proprietary rights.
- 9.4 The Bidder shall perform all acts necessary to obtain and continue to have all necessary licenses, approvals, consents of third parties free from any encumbrances and all necessary technology, hardware and software to enable it to perform its obligations under this Contract. If license agreements are necessary or appropriate between the Bidder and third parties for purposes of enabling, enforcing or implementing the provisions hereinabove, the Bidder shall be under an obligation to enter into such agreements at its own sole cost, expense and risk.

## **10 LAND AND BORDER PROVISION**

- 10.1 The Undertaking at Annexure-K shall be submitted by the Bidder in line with the guidelines issued vide the Office Memorandum, No. F. No. 6/18/2019 dated 23.07.2020, by the Department of Expenditure, Ministry of Finance, Govt. of India.

## **11 INDEMNITY**

- 11.1 The Bidder shall indemnify, save, hold harmless and defend BECIL and its officers, servants, employees and agents promptly upon demand and at its expense, from and against any and all suits, proceedings, actions, demands, losses, claims, damages, liabilities, costs (including reasonable attorney's fees and disbursements) and expenses (collectively, "Losses") to which

BECIL may become subject, insofar as such losses arise out of, in any way relate to, arise or result from:

- a) Deficiency in the Bidder's performance of its scope of service or breach of any of its obligations or scope of work.
- b) Actions by the Bidder that causes BECIL to be indirect or direct consequential, breach of the main contract.
- c) Any claims by employees, suppliers, creditors or other persons in a relationship with the Bidder.
- d) Any claims of infringement, misappropriation or otherwise by third parties in regard to the execution of the works.

## **12 CODE OF INTEGRITY**

12.1 No official of BECIL or the Bidder shall act in contravention of the codes which includes Prohibition of:

- a) Offering of any bribe or undue gratification in any form to BECIL/Client or its officials, or indulging in any corrupt practices.
- b) Any omission, or misrepresentation that may mislead or attempt to mislead so that a financial or other benefit may be obtained, or any necessary obligation or pre-requisite may be avoided.
- c) Improper use of information provided by BECIL to the Bidder with an intent to gain an unfair advantage in the procurement process or for personal gain.
- d) Any financial or business transactions between the Bidder and any official of BECIL/Client related to tender or execution process of contract, which can affect the decision of BECIL directly or indirectly.
- e) Any coercion or any threat to impair or harm, directly or indirectly, any party or its property to influence the procurement process.
- f) Obstruction of any investigation or auditing of a procurement process.
- g) Making false declaration or providing false information for participation in a tender Process or to secure a contract.

## **13 CONFLICT OF INTEREST**

Any Bidder having a conflict of interest, which substantially affects fair competition, shall not be eligible to bid in this tender. Bids found to have a conflict of interest shall be rejected as non-responsive. Bidder shall be required to declare the absence of such conflict of interest in Form of Declaration. A bidder in this Tender Process shall be considered to have a conflict of interest if the bidder:

- a) Directly or indirectly controls, is controlled by or is under common control with another Bidder; or
- b) Receives or have received any direct or indirect subsidy/ financial stake from another Bidder; or
- c) Has the same legal representative/ agent as another Bidder for purposes of this bid. A Principal can authorize only one agent, and an agent also should not represent or quote on behalf of more than one Principal. However, this shall not debar more than one Authorized distributor from quoting equipment manufactured by an Original Equipment Manufacturer (OEM), in procurements under Proprietary Article Certificate; or
- d) Has a relationship with another bidder, directly or through common third parties, that puts it in a position to have access to information about or influence the bid of another Bidder or influence the decisions of the Procuring Entity regarding this Tender process; or
- e) Participates in more than one bid in this tender process. Participation in any capacity by a Bidder (including the participation of a Bidder as sub-contractor in another bid or vice- versa) in more than one bid shall result in the disqualification of all bids in which he is a party. However, this does not limit the participation of a non-bidder firm as a sub- contractor in more than one bid; or
- f) Would be providing goods, works, or non-consulting services resulting from or directly related to consulting services that it provided (or were provided by any affiliate that directly or indirectly controls, is controlled by, or is under common control with that firm), for the procurement planning (inter-alia preparation of feasibility/ cost estimates/ Details Project Report (DPR), design/ technical specifications, terms of reference (ToR)/ Activity Schedule/ schedule of requirements or the Tender Document etc. )of this Tender process; or has a close business or family relationship with a staff of the Procuring Organization who:
  - (i) are directly or indirectly involved in the preparation of the Tender document or specifications of the Tender Process, and/or the evaluation of bids; or
  - (ii) would be involved in the implementation or supervision of resulting Contract unless the conflict stemming from such relationship has been resolved in a manner acceptable to the Procuring Entity throughout the Tender process and execution of the Contract.

#### **14 UNDUE INFLUENCE**

- a. The Agency/Bidder undertakes that it has not given, offered or promised to give, directly or indirectly, any gift, consideration, reward, commission, fees, brokerage or inducement to any person in service of the BECIL/Client or otherwise in procuring the Contracts or forbearing to do or for having done or forborne to do any act in relation to the obtaining or execution of the present Contract or any other Contract with the Government of India for showing or forbearing to show favor or disfavor to any person in relation to the present Contract or any other Contract with the Government of India.
- b. Any breach of the aforesaid undertaking by the Agency/Bidder or any one employed by it or acting on its behalf (whether with or without the knowledge of the Agency) or the commission of any offers by the Agency or anyone employed by him or acting on his behalf, as defined in the Bharatiya Nyaya Sanhita, erstwhile known as the Indian Penal Code, 1860 or the Prevention of Corruption Act, 1986 or any other Act enacted for the prevention of corruption

shall entitle BECIL to cancel the contract and all or any other contracts with the Agency and recover from the Agency the amount of any loss arising from such cancellation, from the present or from any other contract with BECIL.

## **15 UNLAWFUL/UNETHICAL PRACTICES**

- 15.1 If the Contractor/ Bidder has engaged in corrupt, fraudulent, collusive and coercive practices or defaulted commitments under integrity.
- 15.2 Any intentional omission or misrepresentation in the documents submitted by the Bidder for the purpose of due diligence or for the execution of any act essential for the execution of the Project.
- 15.3 If the Bidder uses intimidation / threats or bring undue outside pressure on BECIL or any of its official for acceptance / performances of the deliverable/qualified work under the contract:

## **16 PENALTY FOR BREACH OF INTEGRITY, CONFLICT OF INTEREST, UNLAWFUL/UNETHICAL PRACTICES AND UNDUE INFLUENCE**

- 16.1 Forfeiture of Bank guarantee or any other bond or bid security submitted by the Bidder.
- 16.2 Cancellation/ termination of the Contract with the liberty to recover the accrued losses/damages by the Bidder from the dues payable to the bidder in the present or any contract with BECIL, including imposition of penal damages.
- 16.3 Initiation of Arbitration /legal proceedings to recover losses or damages incurred by BECIL due to the violation of ethical practice or use of unlawful practices or use of undue influence by the Agency.

## **17 BLACKLISTING/ DEBARMENT**

- 17.1 The Bidder/Contractor shall be debarred/blacklisted from bidding for the contract/tender floated by BECIL for a period of two years, for violation of the code of integrity, for undue influence as well as for the breach of any other terms and conditions of the tender as per the General Financial Rules 2017 and the Guidelines for debarment of firms from bidding issued by the Department of Expenditure, Ministry of Finance no. F1/20/2018 –PPD dated 02.11.2021.

## **18 RISK AND COST CLAUSE**

- 18.1 In case of persistent breach/default of the terms and conditions of the Contract and due to abnormal delay (beyond the maximum late delivery in the Liquidated damages clause) in supplies, defective supplies or non-fulfilment of any of the terms and conditions of the RFP and the Work Order, BECIL may cancel the contract/Work Order in full or part thereof, and will procure supplies/equipment's or ensure the execution of work or any pending service in case of service contract from other willing vendor at the risk and cost of the Bidder.
- 18.2 Risk & Cost Clause, in line with Conditions of Contract may be invoked in any of the following

cases:

- 18.3 Bidder's poor progress of the work vis-à-vis execution timeline as stipulated in the Contract, backlog attributable to Bidder including unexecuted portion of work/ supply does not appear to be executable within balance available period.
- 18.4 Withdrawal from or abandonment of the work by Bidder before completion of the work as per contract.
- 18.5 Non completion of work/ Non-supply by the Bidder within scheduled completion/delivery period as per RFP or as extended from time to time, for the reason attributable to the Agency/ Bidder.
- 18.6 Termination of Contract on account of any other reason (s) attributable to Agency/ Bidder
- 18.7 Assignment, transfer, subletting of Contract by the Agency/Bidder without BECIL's written permission resulting in termination of Contract or part thereof by BECIL.
- 18.8 Any damage to AAI property not restored properly should be recovered from the running bills of the contractor and hence utmost precaution should be taken during the execution of the work. AAI should have full liberty to get the damage rectified at the contractor's risk and cost.

#### **14 PENALTIES**

- 14.1 In the event of any penalties, deductions, disincentives, or charges levied by the Client due to poor or substandard quality of work, non-compliance with service standards, or any deficiencies related to the assigned scope of work, the same shall be recovered from the Bidder.
- 14.2 The Bidder shall bear the full financial responsibility for such penalties or deductions imposed on BECIL by the Client and will not be entitled to claim any reimbursement or adjustment for the same.

#### **15 CONFIDENTIALITY**

- a. The Bidder recognizes, accepts and agrees that disclosure of Confidential information to the Staff shall be only on a need-to-know basis and only those staff who are involved in rendering the services and need to have access would alone be informed of Confidential information.
- b. The Bidder recognizes, accepts and agrees that all tangible and intangible information obtained or disclosed to the Bidder's and/or its staff, including all details, documents, data, business/ customer information and the BECIL 's practices and trade secrets (all of which are hereinafter collectively referred to as "confidential information") which may be communicated to the Bidder 's and/or its facility staff may be privy under or pursuant to this Contract and/or in the course of performance of the Bidder 's obligations under this Contract shall be treated, as absolutely confidential and the Bidder irrevocably agrees and undertakes and ensures that all its facility staff shall keep the same as secret and confidential and shall not disclose the same at all in whole or part to any Person or persons (including legal entities) an

any time or use nor shall allow information to be used for any purpose other than that as may be necessary for the due performance of the Bidder's obligations hereunder except when required to disclose under the due process and authority of law.

## **16 RIGHT TO INSPECTION**

- a. That BECIL and its field officers or its Auditors, shall have the right to carry out inspection checks and tests, and do audit of the Bidder's premises, personnel and records relating to the project in order to ensure there is no compromise on the quality of goods/services provided by the Bidder to the BECIL and its Client. The BECIL has a right to review and monitor the security practices and control procedures adopted by the Bidder. The Bidder shall produce and make available all such books, records, information, etc., related to project work for the purpose of Inspection/ audit as and when required.
- b. That BECIL shall have the right to review and monitor the performance of the Bidders on a continuous basis system integrator shall furnish necessary particulars, statements, etc., as desired by the BECIL in a periodical manner for the purpose of assessment of their performance.

## **17 TERMINATIONS**

### **a. Termination of Contract by BECIL due to unsatisfactory performance**

- a) If the Bidder refuses or fails to execute the specified quantum of work or any separate part thereof with diligence or ensure its completion within the time specified in the RFP, or subsequent work order issued thereto, then it shall be open to BECIL at its option by written notice to the Agency/Bidder to:
  - b) To terminate the contract without prejudice to any other remedy available under the Contract. That a notice of cure, highlighting the deficiency or problem shall be served on the Agency /Bidder by BECIL, with an opportunity to cure the same within a period of 15 days. That on the non-resolution of deficiency, a notice of termination shall be served on the Agency/Bidder and the Contract shall be deemed terminated after a period of 15 days from the date of notice of termination.

### **b. Termination due to Breach**

- a) BECIL may, without prejudice to any other remedy available for the breach of contract, may terminate the contract in sub-sequence to non-resolution of deficiency after the service of a notice of cure with a window period of fifteen days. After the end of the cure period, a 15 (fifteen) days' notice shall be served on the Agency/ Bidder, and the contracts shall be deemed terminated after the end of the period of fifteen days from the date of notice of termination.
- b) The following sub-clauses shall attract the provision of termination, on the occurrence of the following events -:
  - (i) If the Bidder has abandoned or repudiated the Contract;
  - (ii) If the Bidder has without valid reason failed to commence work on the project promptly;

- (iii) If the Bidder has persistently failed to execute the works/express deliverable in accordance with the Contract or persistently neglects to carry out its obligations under the Contract without just cause;
- (iv) If the Bidder defaults in proceeding with the works/job with due diligence and continues to do so after a notice in writing of fifteen (15) days from BECIL;
- (v) If the Bidder has obtained the contract as a result of undue of influence or adopted unethical means/ corrupt practices.
- (vi) if the information submitted/furnished by the Bidder is found to be incorrect;

**c. Termination due to Insolvency**

- a) If the Agency/Bidder dissolves or become bankrupt or insolvent or cause or suffer any receiver to be appointed for its business of any assets thereof compound with his Creditors, or being a corporation commence to be wound up, not being a member's voluntary winding up for the purpose of amalgamation or reconstruction, or carry on its business under a Receiver for the benefits of its Creditors any of them, then BECIL shall be at liberty :-
- b) To terminate the contract forthwith upon coming to know of the happening of any such event as aforesaid by a fifteen day notice in writing to the Agency/Bidder or to give the Receiver or liquidator or other person, the option of carrying out the contract subject to its providing a guarantee upto an amount to be agreed upon by BECIL for due and faithful performance of the contract.

**d. Termination for Convenience**

BECIL can terminate the Agreement by serving a 30 day notice without assigning any cause or reason to the Bidder/ selected agency. The contract shall be deemed terminated after a period of 30 days from the date of termination notice.

**18 POST TERMINATION RESPONSIBILITY**

- 18.1 In all cases of termination herein set forth, the obligations of BECIL to pay shall be limited to the period upto the date of termination, subject to the receipt of such payment from the Client.
- 18.2 That any pending bills raised by the Bidder, prior to or post the termination of the Contract on account of the breach of the terms and conditions of the contract, shall be put on hold, till the time, the corresponding payment is received from the Client and any amount deducted by the Client against the bills raised by BECIL shall be consequently deducted from the bills raised by the Bidder respectively.
- 18.3 The Bidder shall forthwith stop any of its work then in progress, except such work as BECIL may, in writing, require to be executed at the designated site/premises.
- 18.4 That in the event of termination under clause 17.1 and 17.2 the whole or part of the performance security furnished by the Agency/Bidder is liable to be forfeited without prejudice to the right of BECIL to recover from the Agency/Bidder any accruing or incurred losses or damages, on account of termination of contract due to unsatisfactory performance/ delay in execution of work.

## 19 NOTICES

- 19.1 Any notice, invoice, approval, advice, report or notification in connection with this Contract shall be in writing and any notice or other written communication pursuant hereto shall be signed by the party issuing the same and shall be addressed to the BECIL or the Bidder and may be given by delivering the same by hand or sending the same-by prepaid registered mail, official e-mail or facsimile to the relevant address forth below or such other address as each Party may notify in writing to the ether Party from time to time. Any such notice given as aforesaid shall be deemed to be served or received at the time upon delivery (if delivered by hand) or upon actual receipt (if given official e-mail or facsimile) or Fifteen (15) clear days after posting (if sent by post) at the Party's principal or registered office address as set out below:

**Mr. Binay Kumar Tiwari, DGM, BECIL  
Broadcast Engineering Consultants India Ltd,  
C-56/ A-17, Sector-62, Noida-201307, U.P., India.  
Email: binaytiwari@becil.com**

## 20 NO WAIVER

- 20.1 No waiver of any term, provision, or condition of this Contract, whether by conduct or otherwise, in any one or more instances, will be deemed to be or be construed as a further or continuing waiver of any such term, provision, or condition or as a waiver of any other term, provision, or condition of this Contract, unless the same is agreed upon and recorded in writing with mutual consensus of both the parties.

## 21 AMENDMENT:

- 21.1 Unless otherwise stated expressly, this Contract shall be modified only by an instrument in writing duly executed by both the parties.

## 22 ARBITRATION

### 22.1 Conciliation of Dispute

- a. Any dispute(s) /difference(s)/issue(s) of any kind whatsoever between/amongst the Parties arising under/out of/in connection with this contract shall be settled mutually and amicably between the Parties, within a time span of **thirty days** from the date of invocation of dispute vide a written notice by the Aggrieved party. The Aggrieved Party shall notify the other party in writing about such dispute(s)/difference(s)/issue(s) between/amongst the Parties and that such a Party wishes to refer the dispute(s)/ difference(s)/issue(s) to Conciliation. Such Notice/Invitation for Conciliation shall contain sufficient information as to the dispute(s)/ difference(s)/issue(s) to enable the other Party to be fully informed as to the nature of the dispute(s)/ difference(s)/issue(s), as well as the amount of monetary claim.
- b. That in the event of reference of dispute for Conciliation, a committee comprising of two members, nominated by each party i.e. the Bidder and BECIL respectively shall try to amicably resolve/settle the dispute.

## **22.2 Reference of Dispute to Arbitration proceeding post conciliation**

- a) In the event of failure in mutual resolution of the issue, any dispute(s)/ controversy(s)/ issue(s) arising out of or in connection with the contract, including any question regarding its existence or validity shall be referred to and finally resolved by Arbitration administered by the Delhi International Arbitration Centre as per the Delhi International Arbitration Centre proceeding Rules 2023.
- b) The Aggrieved party wishing to refer a dispute to Arbitration shall give a notice to the Defaulting Party specifying all the points of dispute(s) with details of corresponding the claim amount.
- c) The Arbitration Proceeding shall commence within a span of **thirty days** from the date of receipt of Invocation Notice complete in all respects as mentioned above,
- d) The dispute(s)/ difference(s)/controversy(s) shall be adjudicated by a single/sole Arbitrator empaneled with the Delhi International Arbitration Centre.
- e) The seat of Arbitrations shall be at New Delhi and the Arbitration proceeding shall be conducted in English.
- f) The award of Sole Arbitrator shall be final and binding on the parties and unless directed/awarded otherwise by the Sole Arbitrator, the cost of arbitration proceedings shall be shared equally by both the parties.
- g) The provision of the Arbitration and Conciliation Act, 1996 as amended and applicable from time to time shall apply to the Arbitration proceedings under this Contract.
- h) That any claim of damage(s) or losse(s) incurred by BECIL as a consequence of the invocation of the litigation/arbitration proceeding owing to the suspension or abandonment of work by the Bidder/Agency shall be reimbursed by the Bidder/Agency.
- i) That if BECIL considers that a dispute under this contract, involves an issue that is related to a dispute under the main contract, then in that event, the Bidder shall assist the main contract, then in that event, the Bidder during the course of arbitration/legal proceedings emanating from the main contract. Then in that event of initiation of arbitration/legal proceeding , under the main contract , no dispute tied directly to the main contract shall be concurrently referred by the Bidder

## **23 JURISDICTION**

- 23.1 This Agreement, and any dispute or claim (including non-contractual disputes or claims) arising out of or in connection with it or its subject matter or formation, shall be governed by, and construed in accordance with, the laws of India. The Courts at Delhi shall have the exclusive jurisdiction to entertain any matter arising out of or in relation to this Contract.

## **24 Force Majeure**

- 24.1 For the purpose of this Contract, the term “Force Majeure” shall mean an event which is beyond the reasonable control of a Party, is not foreseeable, is unavoidable and not brought about by or at the instance of the Party claiming to be affected by such events and which has caused the non-performance or delay in performance ,and which makes a Party’s performance of its obligations hereunder impossible or impractical as reasonable to be considered impossible in the circumstance, inclusive of but not limited to war, riots, civil disorder, earthquake, fire, strikes, lockouts or other industrial action (except where such strikes lockouts or other industrial action are within the power of the Party invoking Force Majeure to prevent) , confiscation or nay other action by the Government Agencies.

24.2 Force Majeure shall not include (i) any event which is the caused by the negligence or intentional action of a Party or by of such Party's agents or employees, nor(ii) any event which a diligent party could reasonably have been expected both to take into account at the time of the acceptance of the work order under this RFP, and avoid or overcome with persistent effort in carrying out its respective obligations.

24.3 In the case of failure to perform this Agreement due to any force majeure, neither party shall be liable for such failure, and this Agreement shall be terminated automatically, if the persistence of such force majeure event continues for more than three months. In the case of failure to perform any part of this Agreement due to any force majeure, the party suffering from such force majeure may be exempted from corresponding liability to the extent of the impact of such force majeure. However, such party shall continue to perform other obligations under this Agreement which have not been affected by such force majeure.

## **25 SUBCONTRACTING**

25.1 The Bidder shall not subcontract the entire or any portion of the work to be performed by it, without the prior written consent of BECIL.

## **26 EXTENSION OF TIME**

26.1 It is hereby agreed that BECIL shall by mutual agreement update and extend the timeline/ milestone for the completion of work after discussion with the Client and its officials.

26.2 Any period within which Bidder is unable to complete the work or perform its obligations due to persistence of force majeure event, shall be extended for a period equal to the time during which the Bidder was unable to perform such action.

26.3 Any extension of time agreed upon mutually shall be documented in writing and signed by both the parties to be affected.

## **27 ASSIGNMENT:**

27.1 All terms and provisions of this RFP and subsequent Contract/ Agreement / work order with the successful Bidder shall be binding on both the parties and their respective successors and permitted assigns.

27.2 Subject to clause mentioned above, the selected Agency shall not be permitted to assign its rights and obligations, under the Contract/ Agreement / work order, to any third party.

27.3 BECIL may assign or novate all or any part of the Contract/ Agreement / work order and the Agency shall be a party to such novation, to any third party contracted to provide outsourced services to BECIL or any of its nominees.

## **28 COMPLIANCE WITH APPLICABLE LAW:**

Each Party to the Contract/ Agreement / work order accepts that its individual conduct shall (to the extent applicable to it) always comply with all laws, rules and regulations of government and other bodies having jurisdiction over the area in which the Services are undertaken. In case of changes in such laws, rules and regulations which result in a change to the Services, shall be dealt with as an exceptional situation with the objective to realign the part getting violated under the revised laws with minimal changes to achieve the objective existent prior to the change. For avoidance of doubt, the obligations of the Parties to the Contract are subject to their respective compliance with all local, state, national, supra-national, foreign and international laws and regulations.

## **29 SEVERABILITY:**

29.1 If any provision of the Contract/ Agreement / work order, or any part thereof, shall be found by any court or administrative body of competent jurisdiction to be illegal, invalid or unenforceable; the illegality, invalidity or un-enforceability of such provision or part provision shall not affect the other provisions of the Contract/ Agreement / work order or the remainder of the provisions in question which shall remain in full force and effect. The concerned Parties shall negotiate in good faith to agree to substitute for any illegal, invalid or unenforceable provision with a valid and enforceable provision which achieves to the greatest extent possible the economic, social, legal and commercial objectives of the illegal, invalid or unenforceable provision or part provision.

## **30 ENTIRE CONTRACT:**

30.1 The Contract/ Agreement / work order with all Appendices and Schedules appended thereto, contents and scope/ specifications of the RFP, all the corrigendum's, response to queries etc. that may be issued against this RFP and the Bidder's offer including presentation and all supporting documents shall constitute the entire Contract/ Agreement / work order between the Parties with respect to their subject matter, and as to all other representations, understandings or agreements which are not fully expressed herein, provided that nothing in this clause shall be interpreted so as to exclude any liability in respect of fraudulent misrepresentation.

## **31 LIQUIDATED DAMAGES**

31.1 If the Bidder fails to achieve the completion of the work in accordance with the scheduled completion date as given in the Contract or the subsequent Work Order issued thereto, BECIL may without prejudice to any other right or remedy available to it as under the Contract or Law:

31.2 In case of any liquidated damages imposed on BECIL by the Client, BECIL shall pass on the entire quantum of liquidated damages to the bidder/ selected agency on back-to-back basis.

31.3 The amount towards Liquidated Damages shall become leviable from the scheduled completion date or from the expiry of the extension, if any, given by BECIL without the levy of Liquidated damages.

31.4 BECIL may without prejudice to its right to effect recovery by any other method, deduct the amount of Liquidated Damages from any money belonging to the Bidder which has become due or payable (which shall also include BECIL's right to claim such amount against Bidder's Bank Guarantee) from this Contract or any other contract with BECIL.

31.5 Any such recovery of Liquidated Damages shall not in any way relieve the Bidder from any of its obligations to complete the works or from any other of its other obligation and liabilities under the Contract.

## **32 POWER OF ATTORNEY**

Duly filled Technical Bid with proper seal and signature of authorized person on each page of the bid submitted. The person signing the bid should be the duly authorized representative of the firm/ company whose signature should be verified and certificate of authority should be submitted. The power of attorney or authorization or any other document consisting of adequate proof of the ability of the signatory to bind the firm/ company should be annexed to the bid.

## **38. SIGNING OF NON-DISCLOSURE AGREEMENT**

Except with the written consent of the Buyer, the bidder shall not disclose the contract or any provision, specification, plan, design, pattern, sample or information thereof to any third party.

Bidders interested to participate in this RFP, shall have to sign a NON-DISCLOSURE AGREEMENT with BECIL on a non-judicial stamp-paper of Rs. 100. Participation without undertaking for compliance to above shall be invalid and such bids shall not be considered by BECIL.

## **39. MSME**

39.1. The Bidder acknowledges and confirms that BECIL shall be liable to make payments only upon receipt of corresponding payments from the Principal Employer/client. Accordingly, the Bidder shall not raise any claims, demands, interest, compensation, or initiate any legal proceedings against BECIL for any delay in payment arising out of delayed release of funds by the Principal Employer/client.

39.2. Since the payment is agreed to be on back-to-back basis upon receipt by BECIL from the Client, the Bidder agrees to waive any rights under the Micro, Small and Medium Enterprises Development Act, 2006 (MSMED Act) or any similar legislation or regulation, to the extent such rights conflict with the agreed payment terms under the Bidder Agreement. The Bidder further waives its right to claim Interest on delayed payment by BECIL, under the Micro, Small and Medium Enterprises Development Act, 2006 (MSMED Act) or any similar legislation or regulation for the time being in force in India.

39.3. The bidder to give the undertaking as per Annexure – M, on a non-judicial stamp-paper of Rs. 100.

**SECTION –IV**  
**SCOPE OF WORKS**

**41. SCOPE OF WORK/SCHEDULE OF REQUIREMENTS**

**41.1** For detailed scope of work of the project & the Bill of Material, the bidders may refer the Client's Tender document, and its amendments & corrigenda issued subsequently (if any); **Tender details references are as below and the same is also attached along with this EOI.** *(Bidders are instructed to check for any new corrigendum/amendments etc. before bidding)*

**Client's Tender Reference No:.** GEM/2025/B/7018762 dated 18/12/2025 Titled '**SITC of Cameras with Networking, Replacement of Existing Cameras and Allied works for SCCTV System with Three years Onsite warranty and Three years CAMC with spares at Chennai Airport**'

**Website:** [gem.gov.in](http://gem.gov.in)

**41.2** All the Scope of work and relevant General Condition as well as special condition of the client tender shall be applicable to the selected bidder on back to back basis and the same shall be part of the agreement signed between BECIL and selected bidder.

**SECTION-V**

**42. ELIGIBILITY CRITERIA AND EVALUATION**

S.No.	Eligibility Criteria	Documents to be submitted
1	<p>The <b>Bidder</b> shall be Company incorporated /registered in India under Companies Act 1956/ 2013, as amended from time to time or Limited Liability Partnership Act, 2008 or Proprietorship;</p> <p>1.2 The <b>Bidder</b> should be in existence of at least 5 completed years.</p>	<p>a. RoC certificate in case of Company.                      b. Partnership Deed in case of Partnership Firm.                      c. Self-Declaration on Letter head with PAN &amp; GST numbers in case of Proprietary Firm.                      d. Memorandum and Article of Association                      e. Other relevant documents in case of company, proprietors and Partnership firm indicating details of Director/ proprietors/ Partner                      f. The bidder shall have the registration with EPFO and ESIC.                      g. Other registration certificate, if any required.</p>
2	<p>The <b>bidder</b> should not be insolvent, in receivership, bankrupt or being wound up, not have had their business activities suspended and not be the subject of legal proceedings for any of the foregoing.</p>	<p><b>Certificate by the Bank/ Chartered Accountant.</b></p> <p><b>Note: certificate must be issued after the publishing of this EOI.</b></p>
3	<p>The <b>Bidder</b> should not be blacklisted/ debarred/ banned/ restricted by any Union Govt./State Govt./ PSU/Autonomous bodies as on date of submission of the Bid.</p>	<p>“Self-declaration for blacklisting as per the given annexure” duly signed by authorized signatory signing the bid, Should be submitted.</p>
4	<p>The Average Annual Turnover of the <b>bidder</b> for the last three financial years ending 31 March 2025 <b>should be at least INR 2.10 Cr.</b></p> <p><b>The turnover should be excluded of other income for each of the financial year mentioned above.</b></p>	<p>a. Certificate by the CA as per Annexure D.                      b. Audited financial statements of last three financial years.                      c. ITR Acknowledgment last three financial years.</p> <p><b>Note: CA certificate must be issued after the publishing of this EOI.</b></p>
5	<p>The bidder should have positive net worth as per the audited financial results for the last three Financial Years ending 31 March 2025.</p>	
6	<p><b>Bidder</b> must have the solvency / credit facility / financial capability from the bank for minimum value of <b>INR 5.25 Crores</b></p>	<p>Certificate/ Sanction letter from the Bank. Certificate must be issued after the publishing of this EOI.</p>

7	<p>The bidder shall have successfully executed the work(s) confirming to any one of the three criteria listed below for SITC works related to IT &amp; ITES/Networking during last SEVEN YEARS ending on 31.03.2025.</p> <p>Either One Complete work of Value equal to greater than: <b>Rs. 5.60 Crore</b> Or Two Complete work of Value equal to greater than: <b>Rs. 3.50 crore</b> Or Three Complete work of Value equal to greater than: <b>Rs. 2.80 crore</b></p> <p><b>Note:</b> For all those bidders/contractors submitting experience certificate issued by Private Organizations and not by Govt./ Semi Govt./ PSU, the bidder is required to submit TDS Certificate duly Certified and audited by Chartered Accountant having valid UDIN (Unique Document Identification Number) for the cost of work done.</p>	Copies of experience certificate of equivalent document in support of satisfactory installation from clients shall be provided. The experience certificate should be signed by an authorized signatory.
8	OEM MAF and Make In India (MII) Local content declaration documents from OEM for Items.	The bidder should submit MAF in the name of BECIL/Bidder from OEM's specific to the bid for items mentioned in this EOI as a mandatorily requirement. Make In India (MII) Local Content Declaration documents from OEMs for Quoted Items as requested in Detailed Specifications.
9	All Annexure and Undertakings/ information requested by client in tender document should be submitted to BECIL on back to back basis.	Relevant annexures as per bidder eligibility to be provided as per original tender.

### **43. PRELIMINARY EVALUATION**

41.1 BECIL shall evaluate the proposals to determine that they are complete, technically complying, no computational errors have been made, required documents as mentioned in the EOI have been furnished, the documents have been properly signed and the response is generally in order.

41.2 BECIL may waive off any minor infirmity or non-conformity or irregularity in the proposal which does not constitute a material deviation, provided such waiver does not prejudice or affect the relative ranking of any bidder.

41.3 In case only one bid is received or during the Technical Evaluation only one bidder qualifies for the next stage of the evaluation process, BECIL reserves the right to accept/ reject the bid.

41.4 In case two bids are received from the same bidder, both the bids will be rejected.

### **44. EVALUATION PROCESS**

44.1 No enquiry/ query shall be made by the bidders during the course of evaluation of the EOI, after opening of bid, till final decision is conveyed to the successful bidder. However, the Evaluation Committee/ its authorized representative and office of BECIL can make any enquiry/ seek clarification from the bidders, which the bidder must furnish within the stipulated time else the bids of such defaulting bidders will be rejected. The proposal will be evaluated on the basis of its content, not its length.

44.2 The bidder's proposals will be evaluated as per the requirements specified in the EOI and adopting the evaluation criteria spelt out in subsequent paras of this EOI document. The bidders are required to submit all required documentation as per evaluation criteria specified in EOI.

44.3 Upon verification, evaluation/ assessment, if in case any information furnished by the bidder is found to be incorrect, their bid will be summarily rejected and no correspondence on the same shall be entertained. Submission of false/ forged documents will lead to forfeiture of security deposit/ EMD and blacklisting of agency for a minimum period of 3 years from participating in BECIL EOI/tenders.

44.4 BECIL will review the proposal to determine whether the proposals are as per the requirements laid down. Proposals that are not in accordance with these requirements will be liable to be disqualified at BECIL's discretion.

44.4.1 Evaluation of proposals shall be based on:

44.4.2 Information contained in the proposal, the documents submitted there to and clarifications provided, if any.

44.4.3 Experience and Assessment of the capability of the bidders based on past record.

44.5 BECIL reserves the right to seek any clarifications on the already submitted bid documents. BECIL also reserves the right to cross verify the information with any agency.

44.6 Conditional proposals shall NOT be accepted on any ground and shall be rejected straightway. If any clarification is required by the bidders, the same should be obtained before submission of the proposals.

44.7 Even though bidder satisfy the necessary requirements they are subject to disqualification if they have:

44.7.1 Made untrue or false representation in the form, statements required in the EOI

document.

44.7.2 Records of poor performance such as abandoning work, not properly completing contract, financial failures or delayed completion.

44.8 The Financial Evaluation of the Bidders will be done only for those who qualify the Eligibility Criteria and other mentioned criteria of the EoI.

**45. FINANCIAL EVALUATION:**

45.1 Bidders are advised to quote the lump sum amount of the BOQ as per the Price bid format provided. The successful bidder will be determined based on the Lowest offered rates ranked as L-1, where L1 indicates the Lowest price offered to BECIL as per price format

45.2 L1 bidder may be called for further negotiations, if required.

45.3 A Pre-Bid agreement shall be signed by BECIL with the successful declared L1 bidder.

45.4 The final price quoted in the end client's tender will include the BECIL margin, as determined by BECIL.

45.5 The selected agency will not be allowed to increase the price quoted to BECIL during the final tender submission.

**SECTION –VI**  
**ENCLOSURES AND ANNEXURES**

**(Annexure-A)**

**PRE-CONTRACT INTEGRITY PACT**

**Between**

**Broadcast Engineering Consultants India Limited (BECIL) hereinafter referred to as "Principal")**

**And**

..... hereinafter referred to as "**The Bidder/Contractors**"

**Preamble:**

The Principal intends to award, under laid down organizational procedures, contracts **for**..... The Principal values full compliance with all relevant laws of the land, rule, regulations, economic use of resources and of fairness / transparency in its relations with its Bidder(S) and / Contractor(s).

In order to achieve these goals, the Principal will appoint an Independent External Monitor (IEM), who will monitor the tender process and the execution of the contract for compliance with the principles mentioned above.

**Section 1 – Commitments of the Principal**

1.1. The Principal commits itself to take all measures necessary to prevent Corruption and to observe the following principles: -

- a) No employee of the Principal, personally or through family members, will in connection with the tender for, or the execution of a contract, demand, take a promise for or accept, for him/herself or third person, any material or Immaterial benefit which he/she is not legally be entitled to.
- b) The Principal will, during the tender process treat all Bidder(s) with equity and reason. The Principal will in particular, before and during the tender process, provide to all Bidder(s) the same information and will not provide to any Bidder(s) confidential / additional information through which the Bidder(s) could obtain an advantage in relation to the tender process or the contract execution.
- c) The Principal will exclude all known prejudiced persons from the process.

1.2. If the Principal obtains information on the conduct of any of its employees which is a criminal offence under the IPC/PC Act, or if there be a substantive suspicion in this regard, the Principal will inform the Chief Vigilance Office and in addition can initiate disciplinary actions.

## **Section 2 – Commitments of the Bidder(s)/ Contractor(s)**

2.1. The bidder(s) Contractor(s) commits himself to take all measures necessary to prevent corruption. He commits himself to observe the following principles during his participation in the tender process and during the contract execution.

a) The Bidder(s) Contractor(s) will not, directly or through any other person or firm, offer, promise or give to any of the Principal's employees involved in the tender process or the execution of the contract/ or to any third person any material or other benefit which he/she is not legally entitled to, in order to obtain in exchange any advantage of any kind whatsoever during the tender process or during the execution of the contract.

b) The Bidder(s) Contractor(s) will not enter with other Bidder(s) into any undisclosed agreement or understanding, whether formal or informal. This applies in particular to prices, specifications, certifications, subsidiary contracts, submission or non-submission of bids or any other actions to restrict competitiveness or to introduce cartelization in the bidding process.

c) The Bidder(s) Contractor(s) will not commit any offence under the relevant IPC/PC Act; further the Bidder(s) Contractor(s) will not use improperly, for purposes of competition or personal gain, or pass on to others, any information or document provided by the Principal as part of the business relationship, regarding plans, technical proposals and business details, including information contained or transmitted electronically.

d) The Bidder(s) Contractor(s) of foreign origin shall disclose the name and address of the Agents/ representatives in India, if any. Similarly, the Bidder(s) Contractor(s) of Indian Nationality shall furnish the name and address of the foreign principals, if any. Further details as mentioned in the "Guidelines on Indian Agents of Foreign Suppliers" Shall be disclosed by the Bidder(s) / Contractor(s). Further, as mentioned in the Guidelines all the payments made to the Indian agent/ representative have to be in Indian Rupees only.

e) The Bidder(s) Contractor(s) will, when presenting himself, disclose any and all payments he has made, is committed to or intends to make to agents, brokers or any other intermediaries in connection with the award of the contract/Agreement.

2.2. The Contractor(s) will not instigate third persons to commit offences outlined above or be an accessory to such offences.

## **Section 3 – Disqualification from tender process and exclusion from future contracts**

If the Bidder(s) Contractor(s), before award or during execution has committed a transgression through a violation of Section 2, above or in any other form such as to put his reliability or credibility in question, the Principal is entitled to disqualify the Bidder(s) Contractor(s) from the tender process or take action as per the defined procedure.

## **Section 4 – Compensation for Damages**

4.1. If the Principal has disqualified the contractor from the tender process prior to the award according to

Section 3, the Principal is entitled to demand and recover the damages Equivalent to Earnest Money Deposit / Bid Security.

4.2. If the Principal has terminated the contract according to Section 3, or if the Principal is entitled to terminate the contract according to section 3, the Principal shall be entitled to demand and recover from the Contractor liquidated damages of the contract value or the amount equivalent to Performance Bank Guarantee.

### **Section 5 – Previous transgression**

5.1. The Bidder(s) contractor declares that no previous transgression occurred in the last 3 years with any other Company in any country conforming to the Anti-corruption approach or with any other Public Sector Enterprise in India that could justify his exclusion from the tender process.

5.2. If the contractor makes incorrect statement on this subject, he can be disqualified from the tender process or action can be taken as per the procedure mentioned in “Guidelines on Banking of business dealings”.

### **Section 6 – Equal treatment of all Bidders/Contractors/Subcontractors**

6.1. The Bidder(s) Contractor(s) undertake(s) to demand from all subcontractors a commitment in conformity with this Integrity Pact and to submit it to the Principal before contract signing.

6.2. The Principal will enter into agreement with identical conditions as this one with all Bidders, Contractors and Subcontractors.

6.3. The Principal will disqualify from the tender process all bidder who do not sign this Pact or violate its provisions.

### **Section 7 – Criminal charges against violating Bidder(s)/ Contractor(s)/Subcontractor(s)**

If the Principal obtains knowledge of conduct of a Bidder, Contractor or Subcontractor, or of an employee or a representative or an associate of a Bidder, Contractor or Subcontractor, which constitutes corruption, or if the Principal has substantive suspicion in this regard, the Principal will inform the same Chief Vigilance Office.

### **Section 8 – External Independent Monitor/Monitors**

8.1. Principal may appoints competent and credible Independent External Monitor for this Pact. The task of the Monitor is to review independently and objectively, whether and to what extent the parties comply with the obligations under this agreement.

8.2. The Monitor is not subject to instructions by the representatives of the parties and performs his functions neutrally and independently. He reports to the CMD of M/s Broadcast Engineering Consultants India Limited (BECIL).

8.3. The Bidder(s)/Contractor(s) accepts that the Monitor has the right to access without restriction to all Project documentation of the Principal including that provided by the Contractor. The Contractor will also grant the Monitor, upon his request and demonstration of a valid interest, unrestricted and unconditional access to his project documentation. The same is applicable to Subcontractors. The Monitor is under contractual obligation to treat the information and documents of the Bidder(s)/Contractor(s)/Subcontractor(s) with confidentiality.

8.4. The Principal will provide to the Monitor sufficient information about all meetings among the parties

related to the Project provided such meetings could have an impact on the contractual relations between the Principal and the Contractor. The parties offer to the Monitor the option to participate in such meetings.

8.5. As soon as the Monitor notices, or believes to notice, a violation of this agreement, he will so inform the Management of the Principal and request the Management to discontinue or take corrective action, or to take other relevant action. The monitor can in this regard submit non-binding recommendations. Beyond this, the Monitor has no right to demand from the parties that they act in a specific manner, refrain from action or tolerate action.

8.6. The Monitor will submit a written report to the Chairperson of the Board of the Principal within 8 to 10 weeks from the date of reference or intimation to him by the 'Principal' and, should the occasion arise, submit proposals for correcting problematic situations.

8.7. If the Monitor has reported to the CMD of the BECIL, a substantiated suspicion of an offence under relevant APC/PC Act, and the Chairman BECIL has not, within reasonable time, taken visible action to proceed against such offence or reported it to the Chief Vigilance Office, the Monitor may also transmit this information directly to the Central Vigilance Commissioner, Government of India.

8.8. The word 'Monitor' would include both singular and plural.

### **Section 9 – Pact Duration**

This Pact begins when both parties have legally signed it. It expires for the Contractor 20 months after the last payment under the contract, and for all other Bidders 6 months after the contract has been awarded. If any claim is made/lodged during this time, the same shall be binding and continue to be valid despite the lapse of this pact as specified above, unless it is discharged/ determined by CMD, M/s. Broadcast Engineering Consultants India Limited.

### **Section 10 – Other provisions**

10.1. This agreement is subject to Indian Law. Place of performance and jurisdiction is the head office of the Principal, i.e., New Delhi.

10.2. Changes and supplements as well as termination notices need to be made in writing. Side agreement have not been made.

10.3. If the Contractor is a partnership or a consortium, this agreement must be, signed by all partners or consortium members.

10.4. Should one or several provisions of this agreement turn out to be invalid, the remainder of this agreement remains valid. In this case, the parties will strive to come to an agreement to their original intentions.

**FOR AND ON BEHALF OF CONTRACTOR**

**FOR AND ON BEHALF OF PRINCIPAL**

**Annexure-B (BANK MANDATE FORM)**

**यूनियन बैंक**  **Union Bank**  
of India



(A Govt. of India Undertaking)  
MID CORPORATE BRANCH, DELHI SOUTH  
D -26-28, Connaught Place, NEW DELHI -110001  
Tel:+91-9137849790; Fax: 01-11 23414330 ; Swift: UBININBBNDL  
Email: ubin0549797@unionbankofindia.bank

Ref.: MCB:ADV:ATL:2022-23:

Date: 18.01.2023

**TO WHOMSOEVER IT MAY CONCERN**

A	Name of the Beneficiary	BROADCAST ENGINEERING CONSULTANTS INDIA LIMITED
i	Address with Pin Code	BECIL Bhawan, C-56/A17, Sector -62, Noida - 201307 (U.P)
ii	Permanent Account Number (PAN)	AAACB2575L
iii	(a) Telephone No.	0120-4177861
	(b) Fax Number	0120-4177879
	(c) Contact Person	Sh. Awadhesh Pandit General Manager - (Finance and Accounts)
	(d) E-mail Address	panditmd@becil.com
	(e) Mobile No.	+91-8130918866
B	Bank Particulars	
i	Bank Name	UNION BANK OF INDIA
ii	Bank Contact No	+91-9137849790
iii	Branch Address with Pin Code	26/28, 1 <sup>st</sup> Floor, D Block, Connaught Place, New Delhi, 110001.
iv	BSR Code	549797
v	MICR	110026046
vi	SWIFT CODE	UBININBBNDL
Vii	11 Character IFSC Code of the Bank (Either enclosed a cancelled Cheque or obtain Bank Certificate as appended)	UBIN0549797
Viii	Bank Account Number as appearing on the Cheque Book	565101000065461
ix	Bank Account Type	Overdraft
X	If other, Specify	--

*\*This certificate is issued on the specific request of our customer without any risk and responsibility on the part of the bank or any of its employees.*

Bank Stamp with Authorized Signatory



Date 20-01-2023

Page 1 of 1

**Particulars of The Bidder**

1.	Name of company/bidder	
2.	Office Address /Telephone No / Fax No / email id / website	
3.	Year of establishment	
4.	Status of the Company/bidder	
5.	Name of Directors	i)
6.	Names of principle person concerned with this work with title and Telephone No / Fax/ Email Id, Etc.	
7.	Whether registered with the registrar of companies /registrar of firms. If so, mention number and date.	i) ii) iii )
8.	In case of change of Name of the Firm, former Name / Names and year/ years of establishment:	
9.	GST registration certificate	
10.	Whether an assessed of income tax. If so, mention permanent account number.	
11.	State Annual turnover of the company/bidder Furnish copies of audited balance sheet and profit & loss account (audited) for the last three years.	
12.	Particulars and place of similar type of works done in a single order and tender amount. (Furnish details in a separate sheet and enclose copy of the employers certificate)	
13.	Specify the maximum value of single work executed in the past three years.	
14.	Status and details of disputes/ litigation/ arbitration, if any.	
15.	Certificate of financial capability / credit facility issued by the bank.	

Signature of Authorized Signatory

Place: \_\_\_\_\_

Date: \_\_\_\_\_

Address: \_\_\_\_\_

Mobile: \_\_\_\_\_

Email ID: \_\_\_\_\_

**Annual Turnover & Net worth**

( To be printed on implementing agency's letterhead and signed by Authorized signatory.)

To  
The General Manager  
Broadcast Engineering Consultants India Limited  
BECIL Bhawan, C-56, A/17, Sector-62, Noida-  
201307

Full Name of Bidder (Supplier) entity:

Full Address of Bidder (Supplier) entity:

<b>S. No.</b>	<b>Financial Year</b>	<b>Turnover of Bidder</b>	<b>Net worth</b>	<b>Remarks</b>
1	2022-23			
2	2023-24			
3	2024-25			
	Average			

\*Enclose Audited Financial statement for above mentioned period along with audit report.

**Note: The required certificate from CA with UDIN No. is enclosed along with this form. Certificate without UDIN No. will be rejected.**

Signature of Authorized Signatory

Place: \_\_\_\_\_

Date: \_\_\_\_\_

Address: \_\_\_\_\_

Mobile: \_\_\_\_\_

Email ID: \_\_\_\_\_

**Performa of letter of Undertaking for Bid Validity**

To  
General Manager  
Broadcast Engineering Consultants India Limited  
BECIL Bhawan, C-56, A/17, Sector-62, Noida-  
201307

Reference: EOI No. <<>> dated << 202X>>

I/We hereby submit our Bid and undertake to keep our Bid valid for the period of 240 days from the date of submission of the Bid.

I/We also agree to abide by and fulfill all the terms, conditions of provision of the bid document.

Signature of Authorized Signatory

Place: \_\_\_\_\_

Date: \_\_\_\_\_

Address: \_\_\_\_\_

Mobile: \_\_\_\_\_

Email ID: \_\_\_\_\_

**Bid Covering Letter**

To  
General Manager  
Broadcast Engineering Consultants India Limited  
BECIL Bhawan, C-56, A/17, Sector-62, Noida-  
201307

Reference: EOI No.<<>> dated << 202X>>

Dear Sir/Madam,

We, the undersigned, offer to provide Systems Implementation solutions/ services to the Purchaser on <Name of the Systems Implementation engagement> with your Expression of Interest dated <insert date>and our Proposal. We are hereby submitting our Proposal, which includes our Technical bid sealed on the <URL of e-Procurement portal> portal.

We hereby declare that all the information and statements made in this Technical bid are true and accept that any misinterpretation contained in it may lead to our disqualification.

We undertake, if our Proposal is accepted, to initiate the Implementation services related to the assignment not later than the date indicated in Fact Sheet.

We agree to abide by all the terms and conditions of the EOI document. We would hold the terms of our bid valid for <240> days as stipulated in the EOI document.

We understand you are not bound to accept any Proposal you receive.

Signature of Authorized Signatory

Place: \_\_\_\_\_

Date: \_\_\_\_\_

Address: \_\_\_\_\_

Mobile: \_\_\_\_\_

Email ID: \_\_\_\_\_

Credentials Summary

<b>S. No.</b>	<b>Project Name</b>	<b>Client Name</b>	<b>Client Type</b>	<b>Project Value (in INR)</b>	<b>Documentary evidence provided (Yes or No)</b>	<b>Project Status (Completed or Ongoing or Withheld)</b>
1						
2						
3						
4						
5						

Signature of Authorized Signatory

Place: \_\_\_\_\_

Date: \_\_\_\_\_

Address: \_\_\_\_\_

Mobile: \_\_\_\_\_

Email ID: \_\_\_\_\_

**Self-Declaration For Non Black Listing**

**\*ON BIDDER'S LETTER HEAD\***

Bidder Ref. No.

..... Dated :

.....

.

To

General Manager

Broadcast Engineering Consultants India Limited

BECIL Bhawan, C-56, A/17, Sector-62, Noida-

201307

We, M/s. ----- hereby declare that the firm/company namely M/s. -----  
-----, as on the date of bid submission, has not been blacklisted or debarred by any of the Central Government or State Government or any organization under Central/ State Government or any Statutory Authority, or any Public- Sector Undertaking.

M/s ..... has not been found guilty of any criminal offence by any court of law in India or abroad.

M/s ....., its directors and officers have not been convicted of any criminal offence related to their professional conduct or the making of false statement or misrepresentations as to their qualifications to enter into procurement contract within a period of three years preceding the commencement of the procurement process or have not been otherwise disqualified pursuant to debarment proceedings.

Yours faithfully

For,

Signature of Authorized Signatory

Place: \_\_\_\_\_

Date: \_\_\_\_\_

Address: \_\_\_\_\_

Mobile: \_\_\_\_\_

Email ID: \_\_\_\_\_

**Undertaking Regarding Payment Of GST/ Filing Of GST Return**

Ref..... Date

To,  
The Chairman and Managing Director,  
Broadcast Engineering Consultants India  
Limited, 56-A/17, Block-C, Sector-62, Noida-  
201307 (U.P.)

**Subject: Undertaking regarding Payment of GST/ Filing of GST Return**

Dear Sir,

This is in connection to the works awarded by M/s Broadcast Engineering Consultants India Limited (BECIL), we hereby undertake that we will comply with Goods and Services Tax 2017 and subsequent amendment and Various Rules Relating to GST Act, 2017(herein after referred to as GST Act and Rules) wherever we are obliged to comply with the GST Act and GST Rules.

We further hereby undertake that we will issue proper “**Tax Invoice**” and/or any other Relevant Document as required under GST Act and Rules. We will furnish appropriate GST return and pay GST as required under GST Act and Rules on timely basis and will provide GST credit on timely basis through GST Portal (and/or by any other means as provided by GST Act and Rules).

We hereby certify & undertake that we will not alter, delete or modify the tax invoices and other details uploaded at GST Portal unless approved by BECIL in writing. We hereby certify all the relevant document along with tax invoice as the case may be

We also hereby certify & undertake that we indemnify BECIL on account of any loss of GST input credit as well as any interest, penalty, demands or other costs, expenses suffered by BECIL because of any failure on our part to file appropriate Return on time and/or pay Tax to Government/Appropriate Authority.

In case we do not make payment the tax/interest/penalty/other expenses etc. on demand raised by Government/Tax Authorities due to default/delay on our part/action, we also authorize BECIL to forfeit/deduct from security held by BECIL, equivalent amount of interest/penalty/tax etc. for the amount so withheld.

Signature of Authorized Signatory on behalf of

Agency Address: \_\_\_\_\_

Mobile: \_\_\_\_\_

Email ID: \_\_\_\_\_

**Power of Attorney for signing the Bid on Rs. 100 Stamp Paper**

KNOW ALL MEN BY THESE PRESENTS,

We, [Name of Bidder] do hereby irrevocably constitute, nominate, appoint and authorize \_\_\_\_\_, who is presently employed with us and holding the position of “\_\_\_\_\_”, as our true and lawful attorney (*hereinafter referred to as the “Attorney”*) to do in our name and on our behalf, all such acts, deeds and things as are necessary or required in connection with or incidental to submission of our application for qualification and submission of our bid for the Project “**Name of Project**” of “\_\_\_\_\_” (the “client”) including but not limited to signing and submission of all applications, bids and other documents and writings, participate in pre-applications and other conferences and providing information/ responses to the client, representing us in all matters before the client, signing and execution of all contracts including the Agreement and undertakings consequent to acceptance of our bid, and generally dealing with the client in all matters in connection with or relating to or arising out of our bid for the said Project and/ or upon award thereof to us and/or till the entering into of the Agreement with the client. The act done by \_(Name of authorized person) will be binding on the selected bidder.

IN WITNESS WHEREOF WE, (Name of Bidder)\_, THE ABOVE-NAMED PRINCIPAL HAVE EXECUTED THIS POWER OF ATTORNEY ON THIS DAY OF

Date\_\_\_\_\_.

For **Name of Bidder**,

Executed

Accepted

Witnesses \_

**LAND BORDER DECLARATION CERTIFICATE**

**Restrictions on procurement from Bidders from a country or countries, or a class of countries under Rule 144(xi) of the General Financial Rules 2017.**

**EOI Document No: ..... Date: .....**

**Bidder's Name, Address & contact details:**

**..... Bidder's Reference No.**

**..... Date: .....**

Restrictions on procurement from Bidders from a country or countries, or a class of countries under Rule 144(xi) of the General Financial Rules 2017.

I/We certify that this Bidder is not from such a country or if from such a country has been registered with the Competent authority. I hereby certify that this bidder fulfills all requirements in this regard

I/We certify that this Bidder is not from such a country or if from such a country has been registered with the competent authority and will not sub-contract any work to a contractor from such countries unless such contractor is registered with the Competent authority. I hereby certify that this bidder fulfills all requirements in this regard and is eligible to be considered.

**Penalties for false or misleading declarations:**

We hereby confirm that the particulars given above are factually correct and nothing is concealed and also undertake to advise any future changes to the above details. We understood that any wrong or misleading self-declaration by us would be violation of Code of integrity and would attract penalties as mentioned in this tender document, including debarment.

\_\_\_\_\_

**(Signature with date)**

\_\_\_\_\_

**(Name and designation)**

**Duly authorized to sign Bid for and on behalf of**

\_\_\_\_\_

**(Name & address of the Bidder and Seal of Company)**

**PRICE BID FORMAT**

**SITC of Cameras with Networking, Replacement of Existing Cameras and Allied works for SCCTV System with Three years Onsite warranty and Three years CAMC with spares at Chennai Airport**

1. Below mentioned Schedule of Quantity is for Reference only.
2. Rate & Amount should quote only in tendering portal Financial Bid.
3. Bidder / Firm carefully read the Scope of Work, Items Specifications etc. as mentioned in NIT Document before quoting price in tendering Portal-Financial Bid.

SI. No	Description of Items	Qty	Unit	RATE / Item/ Lot/ Job/ Year Incl. GST	Total AMOUNT Incl. GST
SH-I	Supply of Items:				
1.	Supply of 2MP or Higher PTZ IP Camera as per specification.	337	Nos.		
2.	Supply of 2MP PTZ IP Fiber In /Out Camera as per specification	70	Nos.		
3.	Supply of 2MP IP Bullet camera as per specification	361	Nos.		
4.	Supply of 2MP IP Fixed Dome Camera as per specification	982	Nos.		
5.	Supply of 5MP IP Bullet camera for ANPR (To work with third party ANPR Software) as per specification	50	Nos.		
6.	Supply of 5MP IP Dome cameras for Face recognition (Camera should work with any make AI Based FR Software) as per specification.	50	Nos.		
7.	Supply of Manageable switch: with 24 Nos 1G Transceiver fully loaded as per specification	2	Nos.		
8.	Supply of 24 Port POE+ Managed Switch 4 SFP Ports populated with 1G trans-receivers as per specification	6	Nos.		
9.	Supply of 24 Port POE+ Managed Switch 4 SFP Ports populated with 10G trans-receivers as per specification	10	Nos.		
10.	Supply of Managed 24 Port 1G SFP Fiber Network Switches as per specification	8	Nos.		

11.	Supply of Industrial Grade Managed Switch 8 Port POE + 4 SFP Slots as per specification	103	Nos.		
12.	Supply of IP-55 500W x 4U x 500D Size outdoor Junction Box with Pole Mount including power accessories as per specification	74	Nos		
13.	Supply of IP-55 600W X12UX600D Size outdoor Junction Box with Pedestal stand (600W X 600D with 1200mm Height) including concrete foundation including power accessories as per specification	95	Nos		
14.	Supply of IP-55 22U Size Floor mount outdoor Junction Box with Suitable Pedestal (600W X 600D with 600mm Height) and Concrete foundation including power accessories as per specification	6	Nos		
15.	Supply of 12 core-Single mode outdoor OFC cable as per specification	29000	Mtr		
16.	Supply of 48 core- Single mode outdoor OFC cable as per specification	24000	Mtr		
17.	Supply of 12 port LIU fully loaded (LC Duplex Adaptor) as per specification	172	Nos		
18.	Supply of 48 port LIU fully loaded (LC Duplex Adaptor) as per specification	23	Nos		
19.	Supply of SM OFC Patch cord LC-LC-1Mtr as per specification	350	Nos		
20.	Supply of SM OFC Patch cord LC-LC-2 Mtr as per specification	160	Nos		
21.	Supply of outdoor CAT6 UTP. Comply with Cat6 specifications as per specification	18000	Mtr		
22.	Supply of indoor CAT6 UTP. Comply with Cat6 specifications as per specification	8000	Mtr		
23.	Supply of FRLS Armored 3 Core 2.5 Sqm Power cable as per specification	26000	Mtr		

24.	Supply of FRLS Armored 3 Core 4 Sqm Power cable as per specification	1000	Mtr		
25.	Supply of 2 meters Galvanized Pole as per specification	50	Nos		
26.	Supply of 3 meters Galvanized Pole as per specification	50	Nos		
27.	Supply of 5 meters Galvanized Pole as per specification	120	Nos		
28.	Supply of 25mm Heavy Duty Electrical PVC Pipe as per specification	1500	Mtr		
29.	Supply of 4-inch Diameter Galvanized Pipe as per specification	1000	Mtr		
30.	Supply of HDPE 50 mm HDPE pipe as per specification	45000	Mtr		
31.	Supply of Rack mount 1KVA Online UPS with 30 Minutes Backup with Accessories as per specification	115	Nos		
32.	SITC of Network Monitoring Solution (NMS) with 300 Device monitoring & configuration Management licenses for Switches, Servers, Cameras, UPS, printer, etc. and 2 Concurrent Helpdesk Solution users with ticket management and AIOPS.	1	Lot.		
SH-II	Installations of SH-I Items	-	-	-	-
33.	Installation of Cameras Sl.1 to 6 on ceiling, false ceiling, wall, Pillar, Pole as per site requirement. new cameras shall be installed with new mounts (ceiling, false ceiling, wall, Pillar, Pole) as per specification	850	Nos		
34.	Installation of Cameras Sl.1 to 6 on ceiling, false ceiling, wall, Pillar, Pole as per site requirement. New cameras shall be installed by removing existing cameras, new cameras to be installed in existing mounts (ceiling, false ceiling, wall, Pillar, Pole) as per specification	1000	Nos		

35.	Installation, Configuration of Network Switches Sl.Nos.7 to11 on rack/pole as per site requirement as per specification	129	Nos		
36.	Installation of 4U Out Door Pole Mount Junction Box including fixing of LIU/splicing as required as per specification	74	Nos		
37.	Installation of 12U/22U Out Door Floor Mount Junction Box Sl.Nos.13 & 14 as per Site Requirement including fixing of LIU/splicing, UPS as required and Concrete (RCC) Foundation 1000x1000x500. PCC 1000x1000x100 as per specification	101	Nos		
38.	Laying of OFC Cable /Out Door /In Door Cat 6 UTP Cable / Armored 3 Core 2.5 Sq.mm/4 Sq.mm Power cable through HDPE Pipe/wall/ Surface/ Ceiling/soft soil as per site requirement as per specification	106000	Mtr		
39.	Installation of 2Mtr/3MtrGalvanised Pole Sl.Nos.25 to 26 as per Site Requirement including Concrete Foundation (RCC) 300x300x900. Bed: 800x800x250 PCC 800x800x100 as per specification	100	Nos		
40.	Installation of 5Mtr Galvanized Pole Sl.No.27 as per Site Requirement including Concrete Foundation (RCC) 400x400x1200.Bed: 1000x1000x300, PCC 1000 x 1000 x 100 as per specification	120	Nos		
41.	Laying of 25mm Heavy duty Electrical PVC pipe on wall/ceiling/pole as per site requirement as per specification	1500	Mtr		
42.	Laying of 50mm HDPE pipe on wall/ceiling/pole as per site requirement including bend, connector and all accessories as per specification	45000	Mtr		
43.	Laying of 4-inch Diameter Galvanized Pipe including by road cutting(300x400), refilling and surfacing with concrete as per specifications. Making surface as good as earlier as per specification	1000	Mtr		

44.	Earth work Excavation of soft soil/ hard soil for cable/HDPE/OFC/Power Cable laying. (300 x 600) as per specification	17000	Mtr		
45.	Testing, Training, Documentation and Commissioning of the entire SCCTV System with all accessories as per site requirement as per specification	1	JOB		
SH- III	<u>Operation and Maintenance</u>	-	-	-	-
46.	Operation and Maintenance of all Cameras and accessories by providing 24x7 round the clock manpower, tools etc. as required during 3 years Warranty period as per specification.	36	Month		
SH- IV	<u>CAMC of Cameras and All accessories</u>	-	-	-	-
47.	Fourth Year CAMC of all installed cameras and accessories by providing 24x7 round the clock manpower tools, etc. as required as per specification.	12	Month		
48.	Fifth Year CAMC of all installed cameras and accessories by providing 24x7 round the clock manpower tools, etc. as required as per specification.	12	Month		
49.	Sixth Year CAMC of all installed cameras and accessories by providing 24x7 round the clock manpower tools, etc. as required as per specification.	12	Month		

**Note:** Prices in Financial Bid should be quoted in the provided format. All prices should be quoted in Indian Rupees only.

**MSME UNDERTAKING**  
**(To be given on a Rs. 100/- Stamp Paper)**

**(Annexure – M)**

This Undertaking is made on this \_\_\_ day of \_\_\_\_\_, 2025, by: \_\_\_\_\_

**M/s. [Name of Bidder]**, having its registered office at..... [address] (hereinafter referred to as the "**Bidder**", which expression shall, unless repugnant to the context or meaning thereof, be deemed to include its successors, legal representatives, and permitted assigns);

**IN FAVOUR OF:**

**Broadcast Engineering Consultants India Limited (BECIL)**, a distinguished Mini Ratna Public Sector Enterprise, having its Corporate Office at BECIL Bhawan, C-56, A/17, Sector-62, Noida - 201307(UP) (hereinafter referred to as the "**BECIL**", which expression shall, unless repugnant to the context or meaning thereof, be deemed to include its successors, legal representatives, and permitted assigns).

**WHEREAS:**

1. The **Principal Employer/client**, have awarded the work for execution of the project to BECIL.
2. BECIL through this EOI intends to onboard on agency / agencies for Procurement and Installation of CCTV Cameras and Accessories.
3. As per the terms of the EOI, BECIL shall release payment to the selected Bidder/bidders only after receiving the payment from the Principal Employer/client.

**NOW THEREFORE, the bidder hereby undertakes and agrees as follows:**

1. The bidder acknowledges and confirms that the BECIL shall be liable to make payments only upon receipt of corresponding payments from the Principal Employer/client. Accordingly, the bidder shall not raise any claims, demands, interest, compensation, or initiate any legal proceedings against the BECIL for any delay in payment arising out of delayed release of funds by the Principal Employer/client.
2. The Bidder waives any rights under the Micro, Small and Medium Enterprises Development Act, 2006 (MSMED Act) or any similar legislation or regulation, to the extent such rights conflict with the agreed payment terms under the Subcontract Agreement. The bidder further waives its right to claim Interest on delayed payment by the BECIL, under the Micro, Small and Medium Enterprises Development Act, 2006 (MSMED Act) or any similar legislation or regulation for the time being in force in India.
3. This obligation shall survive the termination or expiry of the Contract signed with the successful bidder selected through this EOI process.

Signature & Stamp of Bidder

(Annexure- N)

**PRE-BID AGREEMENT**

between

**Broadcast Engineering Consultants India Ltd**

(A Government of India Enterprise) C-56 / A-17, Sector- 62 Noida- 201307, U.P.

and

**[vendor name]**

**[Vendor Address]**

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TERMS & CONDITIONS

SCHEDULE 1: DETAILED SCOPE OF WORK



[Client name] for [Client Tender Name] and may be superseded by an inter se agreement once the tender is awarded to BECIL.

**AND WHEREAS** the parties agreed to join its hand on following terms & conditions:

**1.1** In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the agreement documents referred to.

**1.2** The Parties wish to work together with the understanding that BECIL shall act as the bidder (sole bidder) and [vendor name] as Back end partners for participating in the [Client Name] tender.

**1.3** The following documents shall be deemed to form and be read and construed as part of this Agreement–

1.3.1. Tender for [Client Tender Name] vide tender No. \_\_\_\_\_ dated DD.MM.YYYY.

1.3.2 BECIL's EOI No. \_\_\_\_\_ dated DD.MM.YYYY for [EOI name].

1.3.2 [vendor name]'s bid received against the BECIL's EOI.

## **ARTICLE 2: GENERAL**

### **1.1. PURPOSE:**

**BECIL, as the sole bidder, shall participate in the bidding process in primary tender of [Client Name]. The other party shall function as a back-end partner to support BECIL in fulfilling its obligations under the bid.**

**The back-end partner hereby undertakes not to participate individually, directly or indirectly, or as part of any other consortium/ arrangement for said tender, either independently or through any of its associates.**

**2.2 Representation of the Parties:** [vendor name] represents to BECIL that as on date of signing this Agreement:

**2.2.1** [vendor name] is duly organized, validly existing and in good standing under the laws of its incorporation and has all requisite power and authority to enter into this Agreement.

**2.2.2** That the execution, delivery and performance by [vendor name] of this Agreement has been authorized by all necessary and appropriate corporate or governmental action, and will not, to the best of its knowledge:

(a) Require any consent or approval not already obtained;

(b) Violate any Applicable Law presently in effect and having applicability \_\_\_\_\_ to it;

(c) Violate the Agreement and articles of association, by-laws or other applicable organizational documents thereof;

(d) Violate any clearance, permit, concession, grant, license or other governmental

authorization, approval, judgment, order or decree or any mortgage contract, indenture or any other instrument to which [vendor name] is a party or by which [vendor name] or any of their properties or assets are bound or that is otherwise applicable to [vendor name];

(e) Create or impose any license, mortgages, pledges, claims, security interests, charges or Encumbrances or obligations to create a lien, charge, pledge, security interest, encumbrances or mortgage in or on the property of such Party, except for encumbrances that would not, individually or in the aggregate, have a material adverse effect on the financial condition or prospects or business of [vendor name] so as to prevent such Parties from fulfilling their obligations under this Agreement.

**2.2.3.** [vendor name] has not been black-listed by Central/ State Government or any other Government PSU and are not facing/ likely to face any disciplinary proceedings under Indian or under laws of any other country.

**2.2.4.** That this aforementioned TENDER is the legal and binding obligation of such Parties, enforceable in accordance with its terms against it;

**2.2.5.** That there is no litigation pending or, to the best of [vendor name] knowledge, threatened to which it or any of its affiliates is a party that presently affects or which would have a material adverse effect on the financial condition or prospects or business of such Party in the fulfillment of its obligations under this Agreement.

**2.2.6.** That there is no legal action/dispute initiated or pending on [vendor name] at the time of signing of this Agreement which is likely to concern or affect BECIL in any manner. If any such case is found pending, the agreement will automatically become invalid and the agency will be penalized by withholding the EMD/ PBG and legal action will be initiated as deemed fit by the competent authority. All ongoing and future business association with BECIL will also be terminated.

### **ARTICLE 3: PROJECT BACKGROUND AND SCOPE OF WORK**

#### **3.1 Project Background**

**From Client's Primary Tender**

#### **3.2 Scope of Work**

The detailed scope of work for System Integrator has been given in the Schedule- I to this Agreement. For the detailed scope of work [vendor name] shall also refer to the primary tender document, its amendments in the form of corrigenda and subsequent contract signed between BECIL and [Client Name] in the event of award of tender.

### **ARTICLE 4: ROLES AND RESPONSIBILITIES**

**4.1** BECIL and [vendor name] hereby mutually agree that both of them shall remain as irrevocable members of this tie-up for the complete execution and completion of [Client Name] Tender/Work/Project (as per scope of aforementioned BECIL's EOI & [Client Name] tender).

## **4.2 DUTIES & OBLIGATIONS OF [vendor name]**

**4.2.1.** [vendor name] will supply entire range of services for efficient completion of scope of works under the [Client Name] tender.

**4.2.2.** For the project to be undertaken, [vendor name] would formulate state-of-the-art, optimum and **General Standards of performance.** [vendor name] shall carry out the Services with due diligence and efficiency, and shall exercise such skill and care in the performance of the services as is consistent with recognized professional standards. [vendor name] shall act at all times so as to protect the interests of BECIL.

**4.2.3.** [vendor name] have read and understood the terms and conditions of the [Client Name] tender and it agree to support BECIL in abiding by those terms and conditions.

**4.2.4.** [vendor name] confirms that they understood on-ground technical complication and they agree to have taken into consideration the manpower required on the basis of the scope of work.

**4.2.5.** [vendor name] has understood the requirement in terms of ROW, Terrain and other clearances required to execute the project. They agree to manage these requirements at their own cost without any liability on BECIL in this regard.

**4.2.6.** [vendor name] have agreed to accept all the challenges with regard to Time Overrun, Cost Overrun, payment terms & Liquidated Damages & Penalties and confirm, to abide by the timeline in-case the project is awarded.

**4.2.7.** [vendor name] has agreed to accommodate the change in scope of work by [Client Name] whether or not incidental and ancillary, to achieve the objective as per the [Client Name] tender requirement, without any additional cost to BECIL.

**4.2.8.** [vendor name] have agreed to abide by all the terms on back to back basis as per the System Integrator duties and Obligations as specified in the [Client Name] tender.

**4.2.9** [vendor name] shall be responsible for the detailed Scope of Work at Clause 3.2 and Schedule 1 of this agreement.

**4.2.10** Since payment conditions are on back to back basis and time is the essence of the project; [vendor name] should maintain sufficient liquidity/funds for timely and smooth execution of the project.

## **4.3. DUTIES AND OBLIGATIONS OF BECIL**

**4.3.1.** BECIL shall act as coordinator/ Project Management Consultant. Providing timely feedbacks and correspondences with the [Client Name] on the various stages of project deliverables.

**4.3.2.** To ensure the technical, commercial and administrative coordination of the project.

**4.3.3.** To lead the contract negotiations of the project with the [Client Name] authority.

**4.3.4.** In the event of project getting awarded, BECIL shall act as the only channel of communication

between the [Client Name] authority and [vendor name] to execute the project/ Agreement.

#### 4.4. RESPONSIBILITY MATRIX

In addition to the aforementioned duties and obligations of the parties, the Agreement will cover the following scope to be undertaken by Parties as mentioned in the Responsibility Matrix given below.

**P-Primary Responsibility**

**S-Secondary**

**Responsibility J- Joint**

**Responsibility**

**N- No Responsibility**

S.NO.	Description	BECIL	[vendor name]
	<b>PRE-BID RESPONSIBILITY</b>		
1.	Pre-bidding site survey, if any	<b>S</b>	<b>P</b>
2.	Fully complied technical bid response preparation as per tender Terms & Conditions.	<b>J</b>	<b>J</b>
3.	Competitive commercial bid preparation as per tender	<b>J</b>	<b>J</b>
4.	Documentation and correspondence with the customer.	<b>P</b>	<b>N</b>
5.	Provisioning of EMD/ Bid Security as per tender requirement.	<b>P</b>	<b>S</b>
6.	Provision of Back to Back EMD except by MSE/Start Ups as per GoI guidelines.	<b>N</b>	<b>P</b>
7.	Provisioning of any other required document for bidding.	<b>J</b>	<b>J</b>
8.	Submission of complete techno-commercial offer to the customer in requisite mode.	<b>J</b>	<b>J</b>
9.	Any Presentation if required during the tender evaluation.	<b>S</b>	<b>P</b>
10.	Any other relevant follow up, correspondence and meetings with customer.	<b>P</b>	<b>S</b>
	<b>POST-BID RESPONSIBILITY (In the event of winning the contract)</b>		
1.	Signing of contract with the [Client Name]	<b>P</b>	<b>N</b>

2.	Submission of PBG to [Client Name]	J	J
3.	Submission of back to back PBG to BECIL	N	P
4.	Any relevant follow up, correspondence and meeting with the customer	P	S
5.	Executing the entire Scope of Work to the satisfaction of the [Client Name].	S	P
6.	Providing project finance/working capital for timely execution of the project.	N	P

**4.5 COVENANTS:** The Parties hereby undertake that in the event the BECIL is declared the selected Bidder and awarded the project, BECIL shall enter into an Agreement with [Client Name] for performing all the obligations as **System Integrator**.

#### **ARTICLE 5: COOPERATION OF THE TRANSACTION**

5.1 The parties agree to abide by the broad Responsibility Matrix mentioned above and forms an integral part of this Agreement including all the tender terms such as General Requirements, Technical Parameters, Commercial Aspects, Evaluation and Acceptance criteria of the tender, Guarantee/ Warranty terms etc.

5.2 Expenses towards preparation of proposal, submission of bid and other allied activities for submission of bid will be undertaken by the respective parties at their own cost.

5.3 The cooperation for execution of the Project between the parties hereto shall be exclusive, i.e., neither of them shall without the other party's consent - alone or together with another PARTY take part in any agreement or proposal with regard to this tender.

#### **ARTICLE 6: PERIOD OF AGREEMENT**

6.1 The term of this agreement shall be for Months ("Term") from the date of signing of this agreement ("Effective Date") or till the completion of the project & release of all payments thereof whichever is later. All obligations hereunder shall only apply during the Term of this agreement and to such obligations and commitments in relation to the Tender/Work/Project under the scope of BECIL's EOI & [Client Name] tender, as may have been undertaken by the Parties during the Term with validity exceeding the Term. The Term of this agreement can be extended by mutual agreement between the Parties, depending upon the requirement

**NB- Completion shall mean certificate of Completion issued by BECIL.**

#### **ARTICLE 7: PAYMENT AND COMMERCIAL**

7.1 BECIL will Provision the EMD to [Client Name] as per the Primary tender requirement.

7.2 [vendor name] will provision for Back to Back EMD of equal amount to BECIL, except in case the [vendor name] is MSME/Start Ups and are exempted from paying EMD as per GOI guidelines.

- 7.3.** BECIL shall furnish Performance Security in the form of PBG as per the terms and conditions of primary tender.
- 7.4** [vendor name] will furnish back to back performance Security in the form of PBGs to BECIL as per the terms & conditions of the primary tender. The PBG shall remain valid up to 60 days beyond the date of expiry/date of claim of the PBG submitted by BECIL to [Client Name].
- 7.5.** [vendor name] will raise its invoices to BECIL based on milestone completion. BECIL will then raise the invoices to [Client Name] (as per relevant clause of primary tender) after getting the relevant documentary proofs of successful completion of the said milestones from [vendor name].
- 7.6** BECIL shall be entitled to keep \_\_\_% of the project value (of bid value including taxes submitted by BECIL to [Client Name] ) as its project management consultancy.
- 7.7** Upon receipt of corresponding payment from the [Client Name] , BECIL shall disburse the payment to [vendor name] within 15 days of receipt of the payment from [Client Name] after deduction of BECIL project management consultancy as per clause 7.6 and expenses as per clause 7.9 and BG making charges, if any.
- 7.8** All Invoices received from [vendor name] would be inclusive of all statutory taxes/ GST. BECIL will consider invoices raised by [vendor name] to submission of all relevant documents and in case the documents are not proper, BECIL is liable to reject the invoices.
- 7.9** In case BECIL is required to open the offices, the office rent (including the maintenance & electricity charges as applicable) shall be recovered by BECIL from [vendor name]. Also, the Salaries paid to the manpower deployed on the payroll of BECIL, specifically employed for this project shall be recovered from [vendor name].
- 7.10** Salaries paid to the manpower deployed on the payroll of BECIL and Office rent paid for this project as per clause 7.9 above, shall be recovered by BECIL from the stage-wise Milestone payments payable to [vendor name].
- 7.11** Notwithstanding anything contained in any other agreement, document, correspondence, arrangement between the parties in respect of [Client Name] Tender/ Works / Projects, [vendor name] understands, agrees and undertakes that:
- 7.11.1** [vendor name] participated in BECIL's EOI and that all terms & conditions of the BECIL's EOI shall apply to [vendor name].
- 7.11.2** The payments terms between BECIL & [vendor name] are on back-to-back basis and the payment shall be released by BECIL only if and when received by BECIL from [Client Name] and subject to terms & conditions of agreement and submission of complete required documents.
- 7.11.3** [vendor name] will not demand or make any claim under any law with respect to the pending payment till the time corresponding payment is received by BECIL from [Client Name]. BECIL shall not be responsible in any manner whatsoever for any delay in releasing the payments or withholding of payments by [Client Name].
- 7.11.4** The (day) date of delivery of goods and/or rendering of services by [vendor name] shall be the date or realization of payment from the [Client Name] once the goods and/or services are accepted by

[Client Name].

7.11.5 The stage wise invoices raised by [vendor name] maybe accepted by BECIL, however, the date of completion of the milestone / delivery of goods or services shall only be recognised for invoice and its payment when the respective acceptance of goods or services and payment thereof is received from [Client Name].

7.11.6 If in the instant contract, [vendor name] is acting only as trader / reseller / distributor/ authorized agents and/ or is engaged in a WORKS contract, no benefits under MSME Act 2006 and PPP Policy 2012 as per MSE Guidelines issued by Ministry of MSME would be applicable to it on account of acceptance of back to back payment terms as above. By agreeing to the terms of [Client Name] Tender, the [vendor name] agrees to forgo its rights under this Act and Policy.

7.11.7 [vendor name] hereby agrees to ensure timely GST compliances as per the statutory requirements. All the costs pertaining to any GST non-compliance including but not limited to any loss of eligible input tax credit due to non-payment/non-filing of GST return and applicable interest/penalties shall be borne/indemnified by [vendor name]. Further [vendor name] hereby agrees that BECIL reserves the right for reimbursement of any such cost incurred out of the aforesaid noncompliance(s). [vendor name] will provide proof of payment of GST i.e. GSTR-1, GSTR-3B, etc. for taking GST payment from BECIL against invoices.

7.12 Any sum of money due and payable to [vendor name], under this contract for [Client Name] tender entered between the parties herein whether continuing or completed may be appropriated by BECIL and set off against any claim of BECIL of any nature whatsoever, arising under this contract or any other contract entered into between the parties, herein whether continuing or complete.

7.13 There is also expenses towards Office establishments/ Purchase of fixed assets (with mutual consent) in the project. All such expenditure must be treated as direct expenditure and will be borne by directly [vendor name].

7.14. Payments shall be released to [vendor name] only on satisfactory acceptance of the deliverables by [Client Name] for each task and release of payment by [Client Name] as per the schedule given at clause \_\_\_\_\_ primary tender of [Client Name] and Corrigendum issued thereof.

## **ARTICLE 8: GENERAL TERMS & CONDITIONS**

### **8.1 AGENCY**

This Agreement between the parties is on a principal to principal basis and it is agreed that [vendor name] is not and shall not represent itself as an agent of BECIL.

### **8.2 CONFIDENTIALITY AND NON-DISCLOSURE**

8.2.1 The [vendor name]. recognizes, accepts and agrees that disclosure of Confidential information to the Staff shall be only on a need-to-know basis and only those staff who are involved in rendering the services and need to have access would alone be informed of Confidential information.

8.2.2 The [vendor name]. recognizes, accepts and agrees that all tangible and intangible information obtained or disclosed to the Bidder's and/or its staff, including all details,

documents, data, business/ customer information and the BECIL 's practices and trade secrets (all of which are hereinafter collectively referred to as "confidential information") which may be communicated to the [vendor name]. 's and/or its facility staff may be privy under or pursuant to this Contract and/or in the course of performance of the [vendor name]. 's obligations under this Contract shall be treated, as absolutely confidential and the [vendor name]. irrevocably agrees and undertakes and ensures that all its facility staff shall keep the same as secret and confidential and shall not disclose the same at all in whole or part to any Person or persons (including legal entities) an any time or use nor shall allow information to be used for any purpose other than that as may be necessary for the due performance of the [vendor name] obligations hereunder except when required to disclose under the due process and authority of law.

#### **8.4. INTELLECTUAL PROPERTY RIGHTS**

8.4.1. Deliverable, outputs, plans, drawings, specifications, designs, reports and other documents and software submitted by the Bidders under this EOI and subsequent to this EOI in relation with this tender shall become and remain the property of BECIL/procuring entity and subject to laws of copyright, must not be shared with third parties or reproduced, whether in whole or part, without BECIL's/ the procuring entity's prior written consent.

8.4.2 The [vendor name] shall, not later than upon termination or expiration of this Contract and/or subsequent Agreement/Contract signed with the [ vendor name] , deliver all such documents and software to BECIL/the procuring entity, together with a detailed inventory thereof.

8.4.3 The [vendor name] shall not incorporate any materials, technology or any item or thing that involves the use of intellectual property rights or proprietary rights that the [vendor name] does not have the right to use or that may result in claims or suits against BECIL arising out of claims of infringement of any intellectual property rights or other proprietary rights.

8.4.4 The [vendor name] shall perform all acts necessary to obtain and continue to have all necessary licenses, approvals, consents of third parties free from any encumbrances and all necessary technology, hardware and software to enable it to perform its obligations under this Contract . If license agreements are necessary or appropriate between the [vendor name] and third parties for purposes of enabling, enforcing or implementing the provisions hereinabove, the Bidder shall be under an obligation to enter into such agreements at its own sole cost, expense and risk.

#### **8.5 RISK & COST CLAUSE**

8.1 In case of persistent breach/default of the terms and conditions of the Contract and due to abnormal delay (beyond the maximum late delivery in the Liquidated damages clause) in supplies, defective supplies or non-fulfilment of any of the terms and conditions of the RFP and the Work Order, BECIL may cancel the contract/Work Order in full or part thereof, and will procure supplies/equipment's or ensure the execution of work or any pending service in case of service contract from other willing vendor at the risk and cost of the Bidder/Agency.

8.2 Risk & Cost Clause, in line with Conditions of Contract may be invoked in any of the following cases:

8.2.1 Agency/ Bidder's poor progress of the work vis-à-vis execution timeline as stipulated in the Contract, backlog attributable to Agency including unexecuted portion of work/ supply does not appear to be executable within balance available period.

8.2.2 Withdrawal from or abandonment of the work by Agency/Bidder before completion of the work as per contract.

8.2.3 Non completion of work/ Non-supply by the Agency/ Bidder within scheduled completion/delivery period as per RFP or as extended from time to time, for the reason attributable to the Agency/ Bidder.

8.2.4 Termination of Contract on account of any other reason (s) attributable to Agency/ Bidder.

8.2.5 Assignment, transfer, subletting of Contract by the Agency/Bidder without BECIL's written permission resulting in termination of Contract or part thereof by BECIL.

## **8.6 Extension of time**

8.6.1 It is hereby agreed that BECIL shall by mutual agreement update and extend the timeline/ milestone for the completion of work after discussion with the Client and its officials.

8.6.2 Any period within which [Vendor name] is unable to complete the work or perform its obligations due to persistence of force majeure event, shall be extended for a period equal to the time during which the [Vendor name] was unable to perform such action.

8.6.3 Any extension of time agreed upon mutually shall be documented in writing and signed by both the parties to be affected.

## **8.7 LIQUIDATED DAMAGES**

If the [Vendor name] fails to achieve the completion of the work in accordance with the scheduled completion date as given in the RFP or the subsequent Work Order issued thereto, BECIL may without prejudice to any other right or remedy available to it as under the Contract or Law:

8.7.1 Any liquidated damages imposed on BECIL by the Client, BECIL shall pass on the entire quantum of liquidated damages to the bidder/ selected agency on back-to-back basis.

8.7.2 The amount towards Liquidated Damages shall become leviable from the scheduled completion date or from the expiry of the extension, if any, given by BECIL without the levy of Liquidated damages.

8.7.3 BECIL may without prejudice to its right to effect recovery by any other method, deduct the amount of Liquidated Damages from any money belonging to the Bidder which has become due or payable (which shall also include BECIL's right to claim such amount against Bidder's Bank Guarantee)

8.7.4 Any such recovery of Liquidated Damages shall not in any way relieve the Bidder from any of its obligations to complete the works or from any other of its other obligation and liabilities under the Contract.

## **8.8 Undue Influence**

8.8.1 The [Vendor name] undertakes that it has not given, offered or promised to give, directly or indirectly, any gift, consideration, reward, commission, fees, brokerage or inducement to any person in service of the BECIL or otherwise in procuring the Contracts or forbearing to do or for having done or forborne to do any act in relation to the obtaining or execution of the present Contract or any other Contract with the Government of India for showing or forbearing to show favor or disfavor to any person in relation to the present Contract or any other Contract with the Government of India.

8.8.2 Any breach of the aforesaid undertaking by the [Vendor name] or any one employed by it or acting on its behalf (whether with or without the knowledge of the Agency) or the commission of any offers by the Agency or anyone employed by him or acting on his behalf, as defined in the Bharatiya Nyaya Sanhita, erstwhile known as the Indian Penal Code, 1860 or the Prevention of Corruption Act, 1986 or any other Act enacted for the prevention of corruption shall entitle BECIL to cancel the contract and all or any other contracts with the [Vendor name] and recover from the [Vendor name] the amount of any loss arising from such cancellation.

## **8.9 Unethical Practice**

8.9.1 If the [Vendor name] has engaged in corrupt, fraudulent, collusive and coercive practices or defaulted commitments under integrity.

8.9.2 Any intentional omission or misrepresentation in the documents submitted by the [Vendor name] for the purpose of due diligence or for the execution of any act essential for the execution of the Project.

8.9.3 If the [Vendor name] uses intimidation / threats or bring undue outside pressure on BECIL or any of its official for acceptance / performances of the deliverable/qualified work under the contract:

## **8.10 Penalty for Unethical Practice and Undue Influence**

8.10.1 Forfeiture of Bank guarantee or any other bond or bid security submitted by the [Vendor name].

8.10.2 Cancellation/ termination of the Contract with the liberty to recover the accrued losses/damages from the pending bills raised by the Bidder against the delivery of material and execution of work.

8.10.3 Initiation of arbitration /legal proceedings to recover losses or damages incurred by BECIL due to the violation of ethical practice or use of undue influence by the [Vendor name].

## **8.11 PENALTIES**

8.11.1 In the event of any penalties, deductions, disincentives, or charges levied by the [Client Name] due to poor or substandard quality of work, non-compliance with service standards, or any deficiencies related to the assigned scope of work, the same will be recovered from the bills submitted by the System Integrator.

8.11.2 The System Integrator shall bear the full financial responsibility for such penalties or deductions imposed on BECIL by [Client Name] and will not be entitled to claim any reimbursement or adjustment for the same.

## **8.12 TERMINATION**

### **8.12.1 Termination of Contract by BECIL due to unsatisfactory performance**

8.12.1.1 If the [Vendor name] refuses or fails to execute the specified quantum of work or any separate part thereof with diligence or ensure its completion within the time specified in the RFP, or subsequent work order issued thereto, then it shall be open to BECIL at its option by written notice to the [Vendor name] to-:

8.12.1.2 To terminate the contract without prejudice to any other remedy available under the Contract. That a notice of cure, highlighting the deficiency or problem shall be served on the [Vendor name] by BECIL, with an opportunity to cure the same within a window period of 15 days. That on the non-resolution of deficiency, a notice of termination shall be served on the [Vendor name] and the Contract shall be deemed terminated after a period of 15 days from the date of notice of termination.

8.12.1.3 That the contract shall stand terminated and shall cease to be in force and in effect after a fifteen day period from the date of the notice of termination. The [Vendor name] in consequence of the above, shall stop forthwith any of its work then in progress, except such work as BECIL may, in writing, require to be executed at the designated site/premises.

8.12.1.4 That the whole or part of the performance security furnished by the [Vendor name] is liable to be forfeited without prejudice to the right of BECIL to recover from the [Vendor name] any accruing or incurred losses or damages, on account of termination of contract due to unsatisfactory performance/ delay in execution of work.

### **8.12.2 Termination due to breach**

8.12.2.1 BECIL may, without prejudice to any other remedy available for the breach of contract, may terminate the contract in sub-sequence to non –resolution of deficiency after the service of a notice of cure with a window period of fifteen days. After the end of the cure period, a 15 (fifteen ) days' notice shall be served on the [Vendor name], and the contracts shall be deemed terminated after the end of the period of fifteen days from the date of notice of termination.

8.12.2.2 The following sub-clauses shall attract the provision of termination, in the event if -:

- a. If the [Vendor name] has abandoned or repudiated the Contract;
- b. If the [Vendor name] has without valid reason failed to commence work on the project promptly;
- c. If the [Vendor name] has persistently failed to execute the works/express deliverable in accordance with the Contract or persistently neglects to carry out its obligations under the Contract without just cause;
- d. If the [Vendor name] defaults in proceeding with the works/job with due diligence and continues to do so after a notice in writing of fifteen (15) days from BECIL;
- e. If the [Vendor name] has obtained the contract as a result of undue influence or has adopted unethical means/corrupt practices.
- f. If the information submitted/furnished by the [Vendor name] is found to be incorrect;

8.12.2.3 That any pending bills/ invoices raised by the [Vendor name], prior to or post the termination of the contract on account of its breach of terms and conditions shall be put on hold for a period of six weeks, and any amount deducted by the Client against the bills raised by BECIL shall be consequently deducted from the bills raised by the [Vendor name], respectively.

### **8.12.3 Termination due to Insolvency**

8.12.3.1 If the [Vendor name] dissolves or become bankrupt or insolvent or cause or suffer any receiver to be appointed for its business of any assets thereof compound with his Creditors, or being a corporation commence to be wound up, not being a member's voluntary winding up for the purpose of amalgamation or reconstruction, or carry on its business under a Receiver for the benefits of its Creditors any of them, then BECIL shall be at liberty :-

8.12.3.2 To terminate the contract forthwith upon coming to know of the happening of any such event as aforesaid by a fifteen day notice in writing to the [Vendor name] or to give the Receiver or liquidator or other person, the option of carrying out the contract subject to its providing a guarantee upto an amount to be agreed upon by BECIL for due and faithful performance of the contract.

### **8.12.4 Termination for Convenience**

BECIL can terminate the Agreement by serving a 30 day notice without assigning any cause or reason on the part of [Vendor name]. The contract shall be deemed terminated after a period of 30 days from the date of termination notice.

### **8.13 Post Termination Responsibility :**

- 8.13.1 In all cases of termination herein set forth, the obligations of BECIL to pay shall be limited to the period upto the date of termination, subject to the receipt of such payment from the Client.
- 8.13.2 That any pending bills raised by the [Vendor name], prior to or post the termination of the Contract on account of the breach of the terms and conditions of the contract, shall be put on hold, till the time, the corresponding payment is received from the Client and any amount deducted by the Client against the bills raised by BECIL shall be consequently deducted from the bills raised by the Bidder respectively.
- 8.13.3 The [Vendor name] shall forthwith stop any of its work then in progress, except such work as BECIL may, in writing, require to be executed at the designated site/premises.
- 8.13.4 That in the event of termination under clause 8.12.1 and 8.12.2 the whole or part of the performance security furnished by the [Vendor name] is liable to be forfeited without prejudice to the right of BECIL to recover from the [Vendor name] any accruing or incurred losses or damages, on account of termination of contract due to unsatisfactory performance/ delay in execution of work

### **8.14 TAXES**

- 8.14.1 [vendor name] shall bear all taxes and duties etc. levied or imposed on them under the Agreement including but not limited to, Customs duty, Excise duty, GST, any other taxes and all Income Tax levied under Indian Income Tax Act – 1961 or any amendment thereof during the entire Agreement period.
- 8.14.2 Should [vendor name] fail to submit returns/ pay taxes in times as stipulated under applicable Indian/ State Tax Laws and consequently any interest or penalty is imposed by the concerned authority, [vendor name] shall pay the same. [vendor name] shall indemnify BECIL against any and all liabilities or claims arising out of this Agreement for [Client Name] tender for such taxes including interest and penalty by any such Tax Authority may assess or levy against the BECIL.

### **8.15 Indemnity**

8.15.1 The Bidder shall indemnify, save, hold harmless and defend BECIL and its officers, servants, employees and agents promptly upon demand and at its expense, from and against any and all suits, proceedings, actions, demands, losses, claims, damages, liabilities, costs (including reasonable attorney's fees and disbursements) and expenses (collectively, "Losses") to which BECIL may become subject, insofar as such losses arise out of, in any way relate to, arise or result from:

- a) Any Compensation/ claim or proceeding by any third party against BECIL arising out of any act, deed or omission by the [vendor name] ;
- b) Any breach by the [vendor name] of any of its obligations under this Contract or from any negligence under the Contract, including any errors or deficiencies in the performance its scope of work.

8.15.2 That BECIL shall have no liability whatsoever for any injury/death to the staff of [vendor name] caused or suffered during the performance of it's obligations hereunder

## **8.16 ASSIGNMENT AND SUB-CONTRACTING**

8.16.1 Neither this agreement nor any of the rights and obligations under it can be assigned by any party. Parties may engage sub-contractors by mutual consent.

8.16.2 [vendor name] shall not participate directly or indirectly whether in ~~consortium~~ or separately in [Client Name] Tender and shall not quote rates to any other party participating/pre-qualified for the current [Client Name] Tender directly or indirectly through its subsidiary, partnership, ownership, individual firm etc.

## **8.17 FORCE MAJEURE**

8.17.1 For the purpose of this Contract, the term "Force Majeure" shall mean an event which is beyond the reasonable control of a Party, is not foreseeable, is unavoidable and not brought about by or at the instance of the Party claiming to be affected by such events and which has caused the non-performance or delay in performance ,and which makes a Party's performance of its obligations hereunder impossible or impractical as reasonable to be considered impossible in the circumstance, inclusive of but not limited to war, riots, civil disorder, earthquake, fire, strikes, lockouts or other industrial action (except where such strikes lockouts or other industrial action are within the power of the Party invoking Force Majeure to prevent) , confiscation or nay other action by the Government Agencies.

8.17.2 Force Majeure shall not include (i) any event which is the caused by the negligence or intentional action of a Party or by of such Party 's agents or employees , nor(ii) any event which a diligent party could reasonably have been expected both to take into account at the time of the acceptance of the work order under this RFP, and avoid or overcome with persistent effort in carrying out its respective obligations.

8.17.3 In the case of failure to perform this Agreement due to any force majeure, neither party shall be liable for such failure, and this Agreement shall be terminated automatically, if the persistence of such force majeure event continues for more than three months. In the case of failure to perform any part of this Agreement due to any force majeure, the party suffering from such force majeure may be exempted from corresponding liability to the extent of the impact of such force majeure. However, such party shall continue to perform other obligations under this Agreement which have not been affected by such force majeure.

## **8.18 GOVERNING LAW AND JURISDICTION**

8.18.1 This agreement is governed by the laws of India and each Party irrevocably and unconditionally submits to the exclusive jurisdiction of the Courts at New Delhi, India.

8.18.2 Where the [vendor name] has not agreed to dispute resolution, the dispute/ claims arising out of the tender and this agreement shall be subject to the jurisdiction of the competent courts at New Delhi, India.

## **8.19 ARBITRATION CLAUSE**

## **8.19.1 Conciliation of Dispute**

8.19.1.1 Any dispute(s) /difference(s)/issue(s) of any kind whatsoever between/amongst the Parties arising under/out of/in connection with this contract shall be settled mutually and amicably between the Parties, within a time span of thirty days from the date of invocation of dispute vide a written notice by the Aggrieved party. The Aggrieved Party shall notify the other party in writing about such dispute(s)/difference(s)/issue(s) between/amongst the Parties and that such a Party wishes to refer the dispute(s)/ difference(s)/issue(s) to Conciliation. Such Notice/Invitation for Conciliation shall contain sufficient information as to the dispute(s)/ difference(s)/issue(s) to enable the other Party to be fully informed as to the nature of the dispute(s)/ difference(s)/issue(s), as well as the amount of monetary claim.

8.19.1.2 That in the event of reference of dispute for Conciliation, a committee comprising of two members, nominated by each party i.e. the [VENDOR NAME] and Becil respectively shall try to amicably resolve/settle the dispute.

## **8.19.2 Reference of Dispute to Arbitration**

8.19.2.1 In the event of failure in mutual resolution of the issue, any dispute(s)/ controversy(s)/ issue(s) arising out of or in connection with the contract, including any question regarding its existence or validity shall be referred to and finally resolved by Arbitration administered by the Delhi International Arbitration Centre as per the Delhi International Arbitration Centre proceeding Rules 2023.

8.19.2.2 The Aggrieved party wishing to refer a dispute to Arbitration shall give a notice to the Defaulting Party specifying all the points of dispute(s) with details of corresponding the claim amount.

8.19.2.3 The Arbitration Proceeding shall commence within a span of thirty days from the date of receipt of Invocation Notice complete in all respects as mentioned above,

8.19.2.4 The dispute(s)/ difference(s)/controversy(s) shall be adjudicated by a single/sole Arbitrator empanelled with the Delhi International Arbitration Centre.

8.19.2.5 The seat of Arbitrations shall be at New Delhi and the Arbitration proceeding shall be conducted in English.

8.19.2.6 The award of Sole Arbitrator shall be final and binding on the parties and unless directed/awarded otherwise by the Sole Arbitrator, the cost of arbitration proceedings shall be shared equally by both the parties.

8.19.2.7 The provision of the Arbitration and Conciliation Act, 1996 as amended and applicable from time to time shall apply to the Arbitration proceedings under this Contract.

8.19.2.8 That any claim of damage(s) or losse(s) incurred by BECIL as a consequence of the invocation of the litigation/arbitration proceeding owing to the suspension or abandonment of work by the [vendor name] shall be reimbursed by [vendor name]

8.19.4.2 In the event of initiation of AMRCD proceedings between BECIL and the client, the decision / mutual settlement arrived at, on the conclusion of the proceeding between the parties, shall in turn become applicable on [vendor name]

## 8.21 RIGHT TO INSPECTION

8.21.1 That BECIL and its field officers or its Auditors, shall have the right to carry out inspection checks and tests, and do audit of the Bidder's premises, personnel and records relating to the project in order to ensure there is no compromise on the quality of goods/services provided by the Bidder to the BECIL and its Client. The BECIL has a right to review and monitor the security practices and control procedures adopted by the Bidder. The Bidder shall produce and make available all such books, records, information,

etc., related to project work for the purpose of Inspection/ audit as and when required.

8.21.2 That BECIL shall have the right to review and monitor the performance of the Bidders on a continuous basis system integrator shall furnish necessary particulars, statements, etc., as desired by the BECIL in a periodical manner for the purpose of assessment of their performance.

## 8.22 NOTICES

8.22.1 Any notice, invoice, approval, advice, report or notification in connection with this Contract shall be in writing and any notice or other written communication pursuant hereto shall be signed by the party issuing the same and shall be addressed to the BECIL or the System Integrator and may be given by delivering the same by hand or sending the same by prepaid registered mail, official e-mail or facsimile to the relevant address forth below or such other address as each Party may notify in writing to the other Party from time to time. Any such notice given as aforesaid shall be deemed to be served or received at the time upon delivery (if delivered by hand) or upon actual receipt (if given official e-mail or facsimile) or Fifteen (15) clear days after posting (if sent by post).

(a) Any notice or other document which may be given by either Party under the Contract/ Agreement shall be given in writing in person or by pre-paid recorded delivery post, email.

(b) In relation to a notice given under the Contract/ Agreement, any such notice or other document shall be addressed to the other Party's principal or registered office address as set out below:

<p><b>Name:</b> Mr. Binay Kumar Tiwari <b>Designation:</b> Dy. General Manager <b>Address:</b> Broadcast Engineering s India Ltd, C-56/ -17, Sector-62, Noida- 201307, U.P. <b>Email:</b> binaytiwari@becil.com</p>	<p><b>Name:</b> Mr. [vendor representative name] <b>Designation:</b> _____ <b>Address:</b> [Vendor Address] <b>Email:</b> [Vendor Email]</p>
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8.22.2 In relation to a notice given under the Contract/ Agreement, a Party shall specify the Parties address for service of notices, any such notice to be copied to the Parties at the addresses set out in this tender.

8.22.3 Any such notice or other document shall be deemed to have been given to the other Party (or, if relevant, its relevant associated company) if delivered between the business hours of 9.00 am and 5.30 pm

at the address of the other Party set forth above, or on the next working day thereafter if delivered outside such hours, and 7 days from the date of posting (if by letter).

8.22.4 Either Party to the Contract may change its address, telephone number, and nominated contact for notification purposes by giving the other Party reasonable prior written notice of the new information and its effective date.

#### **8.24 No Waiver**

No failure on the part of the either party hereto to exercise, and no delay on its part in exercising, any right or remedy under this Contract will operate as a waiver thereof nor will any single or partial exercise of any right or remedy preclude any other or further exercise thereof or the exercise of any other right or remedy and the same shall not affect in any manner the effectiveness of any of the provisions of this Contract.

#### **8.25 SURVIVAL**

8.25.1 The Rights and obligations under this Agreement that by their nature should survive and will remain in effect after termination or expiration of this Agreement.

8.25.2 Each indemnity and guarantee arising in respect of this agreement survives the performance of obligations arising out of or under this agreement and the termination of this agreement and will continue in force as long as necessary to affect their purpose.

#### **8.26 AMENDMENT**

Unless otherwise stated expressly, this Contract shall be modified only by an instrument in writing duly executed by both the parties.

#### **8.27 SEVERABILITY**

If any provision of this agreement is held invalid by any law or regulation of any government or by any court or arbitrator, that invalidity will not affect the enforceability of any other provision.

#### **8.28 DAMAGES**

Once the Bid has been submitted for primary tender of [Client Name], [vendor name] cannot withdraw from the Agreement. Any damage/ loss caused to BECIL due to failure on the part of the [vendor name] to enter into a detailed agreement with [Client Name] shall be borne by the [vendor name] and will be made good by the [vendor name] in case BECIL has to make payment of any damages/penalty to [Client Name].

#### **8.29 LIMITATION OF LIABILITY:**

With the exception of any breach of confidentiality obligations, neither party will be liable to the other party for any costs, damages, expenditure, loss of profits, prospective profits of any kind or nature etc. arising from the termination or alleged breach of this agreement or in any manner arising from this agreement.

8.30 By signing this Agreement, BECIL, and [vendor name] acknowledge that it correctly records the understanding they have reached with regard to the Project.

**8.31** [vendor name] shall be liable to BECIL to compensate any losses or damages if so suffered by BECIL for any breach of this agreement and/ or action initiated by the [Client Name] for non-performance of the contract.

**8.32** Nothing in this agreement shall constitute, create or give effect or recognize a , partnership or business entity of any kind.

**8.33** On award of the work of the [Client Name] tender to BECIL, BECIL may enter into a detailed Inter-se Agreement with [vendor name] based on the terms and Conditions of the agreement, BECIL EOI, [Client Name] tender as well as the Contract signed between BECIL & [Client Name].

**8.34** After mutual consultation, a joint team consisting of representatives of the parties will be formed for various activities like, technical discussions, deciding the preparation of final Bid/ offer, terms & conditions and demonstration of functionality required in the [Client Name] Tender/Work/Project.

**8.35** Expenses towards bid preparation would be borne by the individual Parties viz. BECIL and [vendor name] for their respective work. BECIL will not reimburse any such expenses to [vendor name] towards preparation and submission of the bid.

**8.36** Notwithstanding anything contained in any other agreement, document, correspondence, arrangement between the parties in respect of [Client Name] Tender/ Works / Projects, the [vendor name] understands, agrees and undertakes that:

8.36.1 At any given point of time, [vendor name] may not assign or delegate its rights, duties or obligations under this agreement to any other party, without prior written consent of BECIL.

8.36.2 In the event of breach of any of the terms & conditions of this agreement or in case of any default of any terms & conditions of this agreement, on the part of [vendor name], BECIL reserves the right to take necessary steps / action as per available documents, including but not limited to, termination of contract, forfeiture of Performance Security / EMD, blacklisting / banning etc. and execute the work at the risk & cost of the [vendor name].

### **8.37 BLACKLISTING/ DEBARMENT**

[vendor name] shall be debarred/blacklisted from bidding for the contract/tender/EOI floated by BECIL for a period of two years, for violation of the code of integrity, Conflict of Interest as well as for the material breach of terms and conditions of the tender as per the General Financial Rules 2017 and the Guidelines for debarment of firms from bidding issued by the Department of Expenditure, Ministry of Finance no. F1/20/2018 –PPD dated 02.11.2021.

### **8.38 MSME**

8.38.1 The Subcontractor acknowledges and confirms that the Main Contractor shall be liable to make payments only upon receipt of corresponding payments from the Principal Employer/client. Accordingly, the Subcontractor shall not raise any claims, demands, interest, compensation, or initiate any legal proceedings against the Main Contractor for any delay in payment arising out of delayed release of funds by the Principal Employer/client.

8.38.2 The Subcontractor waives any rights under the Micro, Small and Medium Enterprises Development Act, 2006 (MSMED Act) or any similar legislation or regulation, to the extent such rights

conflict with the agreed payment terms under the Subcontract Agreement. The Subcontractor further waives its right to claim Interest on delayed payment by the Main Contractor, under the Micro, Small and Medium Enterprises Development Act, 2006 (MSMED Act) or any similar legislation or regulation for the time being in force in India.

**8.39 COUNTERPARTS**

This agreement is executed in two counterparts, with each party retaining one original.

**8.40 ENTIRE AGREEMENT**

This agreement hereto constitutes the entire agreement between the Parties with regard to the subject matter contained in this agreement and supersedes all prior negotiations, representations, agreement and understandings, written or oral preceding the execution of this agreement.

**IN WITNESS WHEREOF**, the parties hereto, intending to be legally bound, have executed this Pre-Bid Agreement as of the date first above mentioned.

This Agreement has been signed on behalf of the parties by their respective duly authorized representatives as of the Effective Date.

On Behalf of BECIL	On Behalf of [vendor name]
<p>(Binay Kumar Tiwari) Dy General Manager</p>	<p>(vendor representative) title</p>
<p>Signature of Witness:</p> <p>Name:</p> <p>Title:</p>	<p>Signature of Witness:</p> <p>Name:</p> <p>Title:</p>

**SCHEDULE 1: DETAILED SCOPE OF WORK**

[from client primary tender]



## **AIRPORTS AUTHORITY OF INDIA**

Airport Systems Dept.  
Chennai Airport, Chennai – 600016

### **NOTICE INVITING TENDER**

**Name of the work: SITC of Cameras with Networking, Replacement of Existing Cameras and Allied works for SCCTV System with Three years Onsite warranty and Three years CAMC with spares at Chennai Airport.**

**Estimated Cost : ₹ 20,83,91,830.00  
(Inclusive of GST & all Applicable Taxes)**

**EMD : ₹ 62,51,755.00**

**Time Period : Time Allowed SITC: - 6 Months  
(Warranty – 3 Years & CAMC - 3 Years).**

**Important Note:**

SITC work involves the Civil, Electrical, Networking etc. participating Bidder / Firm has to read this entire Tender Document carefully.

**All the queries related to this bid, shall be requested through GeM portal only. Requested through other modes (mails/ letters/ office visits) will not be entertained.**

**This NIT Document contains 75 pages.**



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## SECTION –1

### **NOTICE INVITING TENDER**

Airports Authority of India invites Tender through GEM Portal from the professionally competent and experienced firms (OEM authorized) in similar nature of work for the work of “**SITC of Cameras with Networking, Replacement of Existing Cameras and Allied works for SCCTV System with Three years Onsite warranty and Three years CAMC with spares at Chennai Airport.**”

Name of the Work	Estimated Cost (INR)₹
SITC of Cameras with Networking, Replacement of Existing Cameras and Allied works for SCCTV System with Three years Onsite warranty and Three years CAMC with spares at Chennai Airport.	₹ 20,83,91,830.00 (Inclusive of GST & all Applicable Taxes)

1. **GeM Portal:**

Any Queries relating to the process of online bid submission or queries relating to GeM portal Kindly Contact GeM Helpline.

**Mail:** [helpdesk-gem\[at\]gov\[dot\]in](mailto:helpdesk-gem[at]gov[dot]in)

**Toll Free Numbers (Inbound):4**

**1800-419-3436**

**1800-102-3436**

**( 9:00 am - 10:00 pm Mon to Sat )**

2. **MSME/ NSIC Concessions:**

Concessions / award of work to the MSME registered with NSIC should be applicable as per the directives of Govt. of India (<http://dcmsme.gov.in>). However, kindly note this contract work is composite in nature, work should not be awarded by splitting the order. Firms should submit UDYAM, UDYOG ADHAAR valid certificate for EMD Exemption.

3. **MAKE IN INDIA PRODUCTS:**

Firms Quoting Items should submit the Certificates / Documents / Local content declaration from OEM as per the Govt of India guidelines. However, Items should meet the specifications as per Tender Documents. This contract work is composite in nature, hence purchase preference on item wise work should not be awarded by splitting the order.

Provisions contained in Public Procurement (Preference to Make in India), Order 2017 issued by Department for Promotion of Industry and Internal Trade (DIPP), Ministry of Commerce & Industries vide letter No. P45021/2/2017 PP (BE II) dated 04.06.2020 and subsequent amendment & directives should be followed. Accordingly, offer will be evaluated & processed in conformation with above referred GOI order (Specially mentioned below). The bidder should provide compliance and undertaking as per order and hereafter amendments:

a) Order no: F.No.6/18/2019 PPD dated 23.07.2020 of Department of Expenditure), Ministry of Finance Under Public procurement division for the General Financial rule (GFRs).

b) Class I local supplier means a supplier or service provider, whose goods, service or works offered for procurement, has local content equal to or more than 50%, as defined under order.

Signature of Bidder with seal



c) Class II local supplier means a supplier or service provider, whose goods, services or works offered for procurement, has local content more than 20% but less than 50%, as defined under this Order

d) Bidders offering imported products will fall under the category of non-local suppliers. They cannot claim themselves as Class I Local suppliers / Class II local suppliers by claiming the services such as transportation, insurance, installation, commissioning, training and after sales service support like AMC/CMC etc. as local value addition.

4. **Earnest Money Deposit: EMD:**

EMD should submit by the bidder / firm as per GeM portal guidelines.

**EMD ₹ 62,51,755.00 @ 3% of the Estimated Cost.**

**EMD in the form of Bank Guarantee and BG validity for the period of Six (6) Months from the Bid Publishing Date.**

**EMD BG shall be submitted within Three working Days after Tender/Bid submission End Date. If not submitted Bid will be rejected summarily without any further process.**

Original EMD BG Document submitted to;

**Dy. GM (AS)  
Airport Systems Dept.  
Airports Authority of India  
Operational Offices, Chennai Airport, Chennai 600 016.**

5. **Technical Bid: - To Qualify in Technical Bids, Contractor / Firms are to submit the documents as mentioned below;**

- a) Integrity Pact Performa. (Duly filled, signed and stamped)
- b) Unconditional Acceptance Letter.
- c) Firm Registration / Incorporation Certificate Copy.
- d) PAN Copy & GST Registration Copy.
- e) **Power of Attorney**: Power of Attorney on non-judicial stamp paper of Rs.100/-, authorizing the designated executive to sign all documents on behalf of the company or Firm if the bid is not signed by the Director of the Company or Proprietor of the Firm.
- f) **OEM Authorized valid certificate** for the firm / bidder for providing supply and service support. Certificate validity should cover Warranty and CAMC period.
- g) **Proof of Experience of Works**: Firm should have satisfactorily completed similar type of works. **The firm should have experience in “SITC of Cameras, Servers, Storage, Software’s, Network configuration for SCCTV Systems” in Govt. or PSU or Private organizations. Phase or Part completion of the Scope of Work in a contract shall not considered.**

1. **One SITC of SCCTV Work Order value of ₹ 16,67,13,464.00 or higher value with completion Certificate.**

**OR**

2. **Two separate SITC of SCCTV Work Orders value each of ₹ 10,41,95,915.00 or higher with completion Certificates.**

**OR**

3. **Three separate SITC of SCCTV Work Orders value each of ₹ 8,33,56,732.00 or higher with completion Certificates.**

**Nature of work orders should be “SITC of SCCTV System with Cameras, Servers, Storage and Video Management, Analytics software’s, Network configuration etc.” works in Govt. or PSU or Private organization during last 7 years in India. (7 years period from the tender publish date).**



Completion certificates for Experience should show the Nature of Work done, the value of work, Date of Start, Date of completion as per Work order, actual date of completion and satisfactory completion of work. If Composite Work order submitted, SCCTV related works value will be considered for Proof of Experience and Eligibility.

Firms showing work Experience Certificate from Non-government / non-PSU organizations should submit copy of Tax Deduction at Sources (TDS) certificate in support of their claim for having experience of stipulated value of work.

- h) Firm's Details.
- i) Firm's Bank Details.
- j) **Latest 3 years Balance Sheet as of FY ending 31.03.2025.**  
Bidder should have annualized Average financial turnover of **Rs. 6,25,17,549.00** against works executed during last three years ending **31<sup>st</sup> March 2025**. As a proof of financial turnover, copy of Abridged Balance Sheet along with **Profit and Loss Account Statement of the Bidder duly certified by a Chartered Accountant with UDIN.**
- k) Declaration of Not Black-Listed/Debarred Firm.
- l) UNDERTAKING FOR GST.
- m) Undertaking for Environment Management System
- n) Make In India (MII) Local content declaration documents from OEM for Items.
- o) Signed Notice Inviting Tender and GeM Bid Documents.

**Please refer Section-VII, Documents submission Details & Check List, strictly upload requested, relevant documents only.**

**(AAI request the original copies (Hard Copies) of uploaded documents at any stage. Kindly, keep the documents till finalization of the contract award)**

#### **6. Bids Evaluation Process:**

**TECHNICAL BID** (uploaded by the contractors/firms):

Participated firms Technical Bids are evaluated as per AAI tender Terms & Conditions. Evaluation carried out on submitted documents if any shortfalls related to submitted documents same shall be requested through GeM portal. If any Bidder /Firm submits new documents to meet technical criteria as short-fall documents same shall not be accepted.

**FINANCIAL BID:** Technically qualified Contractors/Firms Financial Bids shall be processed further. However, Selection of L-1 Bid through Reverse Auction as per GeM portal procedures. Reverse Auction should be on the overall tender value / price and not on individual components. Acceptance of MSME / MII Vendors Bids as per Government of India guidelines.

**Bidding and Reverse Auction (RA) online through GeM portal**

- 7. AAI reserves the right to accept or reject any or all bids without assigning any reasons. AAI also reserves the right to call off tender process at any stage without assigning any reason.
- 8. **AAI reserve the right to verify the credentials submitted by the Firms at any stage (during Bid Process or post bid process). If at any stage, any information/documents submitted by the firm is found to be incorrect / false or have some discrepancy which disqualifies the firm then AAI should take the following action /s:**  
**The agency should be liable for debarment from tendering in AAI, apart from any other appropriate contractual/legal action.**



9. Consortium / JV companies shall not be permitted.
10. If the entity participating in any of the tenders is a private or public limited company, Partnership firm or proprietary firm and any of the Directors/Partners/Proprietor of such company is also a director of any other company or partner of a concern or a sole proprietor having established business with AAI and has outstanding dues payable to the Authority, then the said entity shall not be allowed to participate in AAI tenders.

Dy. GM (AS)  
Airport Systems Dept.  
Airports Authority of India,  
Operational Offices, Chennai Airport

All the queries related to this bid, shall be requested through GeM portal only.  
Requested through other modes (mails/ letters/ office visits) will not be entertained.



## SECTION - II

### INSTRUCTIONS TO BIDDERS

#### A. INTRODUCTION

##### 1. DEFINITIONS

- 1.1 "AAI / The Buyer" means the Airports Authority of India
- 1.2 "The Bidder / Vendor/ Firm" means the individual or firm who participates in this tender and submits its bid.
- 1.3 "Project Leader AAI" means the AAI executive responsible for signing all documents from AAI side and should coordinate all the activities of the project with the bidder / contractor.
- 1.4 "The Supplier / Contractor" means the individual or firm taking up the work as defined under the Notice Inviting Tender. "The Works Order" means the order placed for the work "**SITC of Cameras with Networking, Replacement of Existing Cameras and Allied works for SCCTV System with Three years Onsite warranty and Three years CAMC with spares at Chennai Airport**" by the Buyer on the Contract signed by the Buyer including all attachments and appendices thereto and all documents incorporated by reference therein.
- 1.5 "The Contract" means the agreement signed between the Buyer and the Contractor as per the terms and conditions contained in the Works Order / Purchase Order.
- 1.6 "The Contract Price" means the price payable to the Contractor under the Works Order / Purchase Order for the full and proper Performance / Security of its contractual obligations.
- 1.7 "Non-responsive Bid" means a bid, which is not submitted as per the instructions to the bidders or Earnest Money Deposit has not been attached, or the required data has not been provided with the Bid or intentional errors have been committed in the Bid.

2. **COST OF BIDDING:** The Bidder should bear all costs associated with the preparation and submission of the bid. The Buyer, will in no case, be responsible or liable for these costs, regardless of the conduct or outcome of the bidding process.

#### B. THE BID DOCUMENTS:

1. **The Bidder is expected to examine all instructions, forms, terms, and specifications in the Bid Documents.** Failure to furnish all information required as per the Bid Documents or submission of bids not substantially responsive to the Bid Documents in every respect will be at the bidder's risk and should result in rejection of the bid.

##### 2. AMENDMENTS TO BID DOCUMENTS

- 2.1 At any time, prior to the date of submission of bids, the Buyer may, for any reason, whether at its own initiative or in response to a clarification requested by a prospective Bidder, modify the bid documents by amendments.
- 2.2 The amendments should be through GeM portal and these amendments will be binding on them.

##### 3. DOCUMENTS ESTABLISHING ITEMS CONFORMITY TO BID DOCUMENTS:

- 3.1 Bidders /Firms should furnish, as part of his bid, documents establishing the conformity of his bid to the Bid document of all Items and services, which he proposes to supply under the Contract. Submission should be as follows:
- 3.2 The documentary evidence of the Items and services in conformity to the Bid



Documents should be in the form of literature, drawings and data that the Bidder should furnish.

- 3.3 The supporting documents downloaded from websites should have the complete URL of the page in the header or footer.

#### **4. PERIOD OF VALIDITY OF TENDER (BID)**

- 4.1 The tender (Bid) should remain valid for a minimum of **180 Days** from the date of opening of the technical bid. The bidder should not be entitled, to revoke or cancel the offer or to vary any term thereof, during the said period of validity without the consent in writing of AAI. In case of the bidder revoking or canceling the offer or varying any term in regard thereof, the bidder's Earnest Money Deposit (EMD) should be forfeited.

- 4.2 If there is any delay in finalization due to unforeseen factors, all the bidders should be asked to extend the validity for an appropriate period, specifying a date by which tender is expected to be finalized. However, the tender process should not be initiated if any tenderer declines to extend the offer as requested for.

#### **5. SUBMISSION OF BIDS:**

The Buyer should receive the bid on-line through **Government e-Marketplace (GeM), Government of India- <https://gem.gov.in/>** only. The portal shall automatically stop accepting bids at the schedule date and time specified in the Bid. Partially submitted bids should be treated as **invalid** and shall not be processed. Bidders are advised to upload and submit their bids timely in view of the electronic process so as to avoid last minute issues.

#### **C. CONTACTING THE BUYER:**

- 1.1 **All the queries related to this bid, should be requested through GeM portal only. Requested through other modes (mails/ letters/ office visits) will not be entertained.**
- 1.2 Canvassing in any form in connection with the tenders is strictly prohibited and the tenders submitted by the contractors who resort to canvassing are liable for rejection. Such rejected tenders will not be returned
- 1.3 No bidder should try to influence directly or through external source, the Buyer on any matter relating to its bid, from the time of publication of NIT till the time the contract is awarded.
- 1.4 Any effort by a bidder to influence the Buyer, for extending bid submission date, changing of NIT conditions, during bid evaluation, bid comparison or contract award decisions should result in the rejection of the bid, and such actions will be considered as bad Performance for future Projects.

#### **D. RIGHT TO ACCEPT OR REJECT THE TENDERS:**

- 1.1 The right to accept the tender in full or in part/parts will rest with AAI. However, AAI does not bind itself to accept the lowest tender and reserves to it-self the authority to reject any or all the tenders received without assigning any reason whatsoever.
- 1.2 Tenders not accompanied with prescribed information or are incomplete in any respect, and/or not meeting prescribed conditions, should be considered non-responsive and are liable to be rejected.
- 1.3 The Buyer reserves the right to accept or reject any bid or a part of the bid or to annul the bidding process and reject all bids, at any time prior to award of contract without assigning any reason whatsoever and without thereby incurring any liability to the affected bidder or bidders on the grounds for the Buyer's action.
- 1.4 Should a bidder have a relation or relations employed in AAI in the capacity of an officer, the authority inviting tender, should be informed. In the event of failure to inform and in a situation where it is established that the relation or relations employed



in AAI has / have tried to influence the tender proceedings then AAI at its sole discretion may reject the tender or cancel the contract and forfeit the Earnest Money.

**E. Forfeiture of EMD / Bid Security:**

- 1.1 Bidder's Bid Security will be forfeited if the bidder withdraws or amends its bid or breach of the conditions or the tender of impairs or derogates from the tender in any respect within the period of validity of the tender.
- 1.2 If the successful bidder fails to enter into a contract with AAI within 15 calendar days (or an extended period as approved by the Accepting Authority in AAI) after the receipt of the work order.
- 1.3 If the successful bidder fails to submit the contract Performance / Security bank guarantee as stipulated in the General Conditions of Contract within 30 calendar days (or an extended period as approved by the Accepting Authority in AAI) after the receipt of the purchase order / work order
- 1.4 If the bidder knowingly and willfully supplied incorrect information in the tender.
- 1.5 In the event of not accepting the conditions of the contract even after agreeing to do so and submitting the letter of un-conditional acceptance of terms and conditions of the tender.
- 1.6 AAI may issue a Letter of Intent (LOI) to the declared L1 bidder and ask the bidder to accept the LOI within the specified time. If the bidder fails to accept the LOI, it will be construed that the Bidder is not interested in the offer. In such a situation AAI will forfeit the EMD.
- 1.7 Unsuccessful Bidder/ Firm EMD shall be released after completion of the Tender process Technical Evaluation or as per AAI procedure.
- 1.8 Successful Bidder / Firm EMD / Bid Security shall be returned after contract signing with AAI and submitting the Performance / Security Bank Guarantee as per work order and conditions of the contract clauses.

**F. SIGNING OF CONTRACT:**

1. The issue of Works Order through GeM portal and AAI shall constitute the award of contract on the bidder. The signing of the Contract as per the Agreement Format of AAI, should be completed within 15 days of the issue of Work Order. Acceptance of work shall be within 7 days from the date issue of work order.
2. A penalty @ 0.1% of "Basic Supply Cost of Equipment's" per week for a maximum period of 02 weeks shall be levied and shall be deducted from the running bills of the contractor / firm. After delay of 02 weeks, AAI reserves the right to forfeit the EMD besides debarment and blacklisting of the contractor and cancellation of the Contract without assigning any reason thereof.
3. Successful bidder / firm shall submit the all-original documents to AAI, uploaded in GeM portal, as per **Section-VII Documents Submission Details & Check List** to form an Agreement.

\*\*\*\*\*



## SECTION - III

### SCOPE OF WORK

#### 1. Purpose & Scope:

- 1.1 This document sets out the terms & conditions be met in connection with the provision of **“SITC of Cameras with Networking, Replacement of Existing Cameras and Allied works for SCCTV System with Three years Onsite warranty and Three years CAMC with spares at Chennai Airport.”** to AAI for the work as per details given in the Notice Inviting Tender with specifications.

#### 2. Security and Safety Regulations

- 2.1 The contractor is responsible to get the **Airport Entry Pass (AEP)** from Bureau of Civil Aviation Security (BCAS) /Airport Security Dept AAI for the staff deputed to execute this contract. If any fees are levied by BCAS or if any other expense occurs related to AEP, then the contractor shall be liable to pay the same. Firm shall be fully responsible for obtaining the AEP, by fulfilling the guidelines of BCAS.
- 2.2 Firm shall obtain necessary ADP (Air-field Driving Permit) and Vehicle Pass for the vehicles (using for items transportation and manpower for work site) from AAI by fulfilling guidelines and submission of necessary documents. If any expenses occur, the firm shall be liable to pay the same.
- 2.3 **A distinct proof of identity (uniform with firm logo/ name) shall be provided by the contractor to his employees who are deployed at the airport for SITC/Warranty/CAMC of the work. During working in Operational Areas-Airside, deputed employees wearing of reflective safety jacket is mandatory. And also, safety gadgets are to be used during work as per site requirements.**
- 2.4 **During Entry, working, Exit in Operational Areas all security and safety guidelines must be followed strictly. If failed /not followed AAI concerned Depts will penalize for the non-adherence of AAI Rules. Deputed employees at site should adhere strictly security & safety guidelines issued time to time by the Authorities.**
- 2.5 **During installation and maintenance, un-packed materials (curtain boxes, plastic covers, thermocol, papers etc.) brought outside for disposal without leaving / thrown /dumped in the operational areas- Air side strictly. All the tools, safety gadgets, personal items like goggles, belts shoes etc. not to left in operational areas. Deputed employees strictly adhere Airside rules & regulations in operational areas without fail.**
- 2.6 The contractor shall engage the necessary manpower who are physically fit, sound in health and having knowledge of safety regulations. Deputed manpower shall be in the role of contractor / firm.
- 2.7 **During SITC, Warranty and CAMC period if any accident /injuries happened to the deputed employees' during work at site, bidder/firm is solely responsible for their medical treatment, etc. Accordingly, bidder/firm make suitable arrangements like insurance, etc. for deputed his employees for this contract.**



- 2.8 **Deputed employees should dedicatedly work for the installed system operation and maintenance without involving in any other illegal activities (Theft, cyber-crime, intentionally sabotaging the systems physically or logically and involving in any other illegal activities at Airport premises). If noticed/ found AAI and Govt of India agencies will initiate action as per laws. Bidder / Firm shall also be held responsible for the same.**
3. **LABOUR REGULATIONS:** The Contractor should abide by the provisions of all applicable laws including the Labour Laws of Govt of India in respect of the services. If any violations bidder/ firm shall be responsible.
4. **SCOPE OF WORK**
1. **Scope of work is briefly but not exhaustively described in succeeding paragraphs. The bidder must quote the price for the items of schedule as considering the complete scope of work to meet general, qualitative, and technical requirements of tender.**
  2. **Bidders/Firms kindly note this SITC works including supply, installation of cameras as per site requirements. Works are included Electrical, Civil and Networking etc. works. Execution of work areas in terminal buildings, City side areas, Airside operational areas, Perimeter (approx. length 25 km) areas and other areas of Chennai Airport. SITC works need resources like men & machines in huge quantity to complete the job in time. Before participating in this bid, Bidder/Firm are to evaluate themselves by going through this NIT document for their eligibility and capacity.**
  3. **This Contract Span Six Months for SITC works, Three Years for Warranty period and Three Years for CAMC period. Bidder/Firm are responsible for SITC, Warranty and CAMC period Operation and Maintenance of complete system.**
  4. **During Warranty and CAMC period AAI may instruct to change camera view, shifting of camera to other near or far locations due to operational and security reasons. Deputed Engineers/Technicians to carry out the instructions as given by the AAI. If any materials required for shifting same will be provided by the AAI. It is Bidders/Firms responsibility and AAI will not pay any extra payments to do so.**
  5. **During Warranty and CAMC periods, due to Operational and Security requirements, AAI may increase the cameras in same network to meet the requirements. Deputed Engineers/ Technicians should install and commission the new cameras as per the AAI instructions. New Cameras with required accessories provided by the AAI. However, newly added Camera's maintenance including removal / refixing in the scope of bidder. It is Bidder/Firm responsibility and AAI will not pay any extra payments to do so.**
  6. **For this SITC work, AAI will not provide any tools and plant as required during SITC, Warranty period and CAMC Period Operation and Maintenance at any cost. The Bidder/Firm responsibility to make available at site Ladders, required tools, scissor lifts (battery operated), vehicle for carrying men and materials for installation and maintenance of cameras during warranty & CAMC period. Deputed Engineers / Technicians shall be fully equipped with required tools.**



7. Bidder/Firm are responsible to complete the jobs in quoted price of SITC, Warranty and CAMC period Operation and Maintenance. AAI will not be pay any extra cost at any cost for any reasons at any stage. Hence, Bidder/Firm carefully to quote the price by considering the above-mentioned details and as per the terms & conditions of this Contract.
8. Bidder responsibility of SITC of Cameras with Networking, Replacement of Existing Cameras and Allied works for SCCTV System with Three years Onsite warranty and Three years CAMC with spares at Chennai Airport as required to meet the specified requirements, regardless of the bill of quantities. Accordingly, bidder must quote the price.
9. As per this Contract SITC work should to be done by the experienced or OEM certified Engineers at Site. Due to security reasons and not to disclosable reasons, Configurations of Cameras, Switches should be done at site, AAI will not permit for offsite/remote configuration related works, except OEM technical support if required with permission of AAI.
10. **The bidder / firm should provide and install the fault-tolerant Surveillance CCTV (SCCTV) System with supply of all required hardware such as Cameras, Network Switches their installation, integration with existing system, testing & commissioning as per site requirements.**
11. **During Warranty/CAMC period if any Backbone Cables (OFC, Power, Cat-6 and Patch cords- OFC/Cat-6) damaged /failure. It is the responsibility of Bidder/Firm to restore the connectivity by Replacement /Jointing of cables as per standard. AAI will not pay any extra payments to do so.**
12. **During Warranty / CAMC Period if any installed pole/s relocation/ shifting / additional pole installation raised due to operational / security reasons, reinstallation / installation of existing / new poles work shall be done by AAI as required. However, Bidder / Firm is responsible for making cabling work for connectivity and reinstallation/ installation of cameras on reinstalled / installed existing / new poles. Required cable (OFC, Cat-6 and Power cables) as required and new cameras with accessories shall be provided by the AAI.**
13. **It should be the responsibility of the bidder to ensure the Performance of all items as per standard and configuration, to meet the 99% of serviceability of system. Serviceability of Cameras: 99% required. Since the locations are different accordingly contractor has to depute required Engineers, Technicians and support assistants to attend the complaints/ periodical maintenance, preventive / corrective maintenance / assigned related jobs by AAI.**
14. **For Operation and Maintenance Min. 3 Engineers, 3 Technicians and 3 Assistants shall be deputed per shift in Terminals, City Side and Airside respectively. In case of emergency or maintenance exigency or as per site requirement bidder/firm shall depute additional resources as required without any extra cost to AAI to mitigate the issues at the earliest during warranty & CAMC periods.**
15. **Regarding Payments to the deputed Engineers, Technicians, Assistant and Labour shall be paid not less than Minimum wages as per Central Govt or higher wages and statutory benefits (PF, ESI/Medical Insurance). Required and**



**requested documents regarding wages shall be submitted to AAI as and when required. If Bidder/Firm fail to submit, due payments will not be released till submission of requested documents.**

16. **Bidder /Firm is fully responsible for medical / compensation expenses during the SITC/Warranty/CAMC period if any injuries /accidents occurred for the deputed manpower at site. AAI will not make any payments in this regard.**
17. Attendance System: Firm has to deploy Attendance systems for the Deputed manpower during Warranty & CAMC period. Systems to be provided by the Firm/Bidder at sites in convenient locations for deputed employees to mark their attendance. Attendance system shall be tamper-proof and highly secured, to store the details and easy retrieval of details as and when required by the AAI / Firm. System shall function based on Bio-Metric or Facial Recognition or App based. For providing the Attendance systems AAI will not pay any extra cost.
18. The offered System shall be complete with all equipment and accessories including connectors, patch cords, other networking accessories, mounting, and fixing hardware, plugs, sockets, etc. Bidder/Firm is responsible for installations of items including all required accessories as required to meet the specified / site requirements, regardless of the bill of quantities and specifications.
19. Testing of system components should be done as per original equipment manufacturer's specifications and guidelines.
20. The entire work should be executed with total responsibility by the bidder / firm. All necessary technical completeness should be ensured by the bidder / firm at the time of quoting the price.
21. Bidder should configure the entire system cautiously to prevent cyber threats from external and internal virus attacks and to avoid the frequent issues related to system.
22. After completion of successful installation of Cameras, Switches and cabling and connectivity, onsite deputed engineers / technicians to coordinate for migration / addition of cameras in HCI-Servers, VMS & VAS with server Engineers for seamlessly completion of the work as per the AAI requirement.
23. During Networking integration with existing SCCTV System over AAI Network, Site Engineers to coordinate with AAI IT Dept Officials and Network Engineers / Technicians for VLANs, Network policies etc. for seamless integration process.
24. Migration/addition of cameras in the installed system execution plan will be worked out with AAI before start of work. Proper planning should be done to avoid running system disruptions/blackout.
25. **After completion of Installation supplied Cameras, Switches, software and network has to carry out for Vulnerability Assessment Penetration Test (VAPT) by the certified agency of CERT-In (The Indian Computer Emergency Response Team). Accordingly, Bidder / Firm has to make arrangement for VAPT. Applicable Expenditures born by the Bidder / Firm.**
26. **Bidder / Firm is responsible for the corrective / removal of Malwares, viruses, threats if any found in VAPT report. Bidder has to take necessary remedial steps as per NCIIPC Guidelines shared by AAI. After completion of remedial actions, Cameras, Switches, Software will be allowed to put on AAI SCCTV**



**Network for further commissioning.**

27. **Every One year periodically, Vulnerability Assessment Penetration Test (VAPT) by the certified agency of CERT-In (The Indian Computer Emergency Response Team) shall carry out for commissioned Cameras, Switches, software and Network during Warranty and CAMC periods. Schedule will be done in coordination with AAI AS & IT Dept. Applicable Expenditures born by the Bidder / Firm.**
28. **Identifications tagging of all installed Equipments should be done. All Active products tagging should be done logically and physically. Physical tagging material shall be paint / high quality stickers. Tagging will be used for Identification, Inventory & Operational purposes.**
29. **Bidder / Firm shall be responsible to obtain the support (Technical / Repair) from respective OEMs for Cameras, Switches and UPSs etc. for the period of Six years (Warranty + CAMC). Accordingly, Bidder / Firm shall make effective contract with OEMs for Back-to-Back support. If AAI request any documents in this regard bidder/ firm shall submit as requested.**
30. Bidder should be responsible to conduct Site Acceptance Test (SAT), and to supply detailed documentation two sets including drawing in Hard and Soft copies.
31. After Completion of the system, SCCTV Camera Engineers / Technicians are to co-ordinate for addition / deletion of cameras to systems as per the instructions of AAI In-Charge intimated based on operation requirements with server/Network engineers.
32. During SITC, Warranty and CAMC periods, any damages to AAI property or public (Passengers, Airport officials) occurred bidder/firm shall be responsible for the same. Bidder/Firm to make damaged property correction or replacement or compensation, if failed AAI will deduct the same from payments.
33. **All UPS Batteries should be replaced every 2 (Two) years from the date of SITC completion or as per instruction of AAI during warranty & CAMC periods. Replacement of Batteries cost shall be borne by the Bidder / Firm.**
34. **Bidder / Firm to provide the proper pole protectors for the installed poles, protection guard for outdoor racks etc. where ever required to prevent accidental damages. Protection shall be strong enough to prevent damages by the vehicle hit or any mechanical Equipments etc. Bird spikes-metal installed over poles and racks to deter birds from roosting and nesting.**
35. Bidder / Firm should carry out standard installation procedures for outdoor installations with good quality materials for pole foundations, rack installations etc. Used materials shall meet the proper specifications to meet with standability against corrosion, cracks in works done concretes, environmental effects etc.
36. **Bidder / Firm is responsible for the Pole foundation, HDPE, Outdoor racks, any installed items got damages due to poor workmanship or wrong-usage, during warranty and CAMC periods. Bidder / Firm shall make rectification of work as good as previous one, in this regard AAI will not pay any extra payments. However, damages due to war/environmental issues like floods etc. Physical damages occurred due to operational accidents not covers under the Bidder/ Firm scope.**
37. Regarding 24x7x365 days smooth operations, AAI will provide plan in coordination with bidder, same should be followed by the Deputed Engineers/ Technicians.



38. Bidder has to submit detailed Escalation Matrix with contact numbers for entire period of Contract i.e., 6 years. However, Bidder / Firm should depute one Project Manager / Supervisor during SITC, Warranty and CAMC periods for smooth coordination between site works and administration works as a single point of contact for the entire contract.
39. **Deputed Engineers on site is the first level. They should be provided with exclusive One contact number (24x365) to escalate the first level complaints / to retrieve the system details by the AAI.**
40. **AAI will not pay any extra cost on this contract at any cost, bidder / firm should quote the price as per requirements of the SITC, Maintenance requirements based on scope of work, during warranty and CAMC periods.**
41. After SITC work Bidder / firm should be responsible for clearing the debris, packing items etc. from all the work sites.
42. After completion of SAT, if any excess materials (Cables- CAT6, OFC and Power Cable, Connectors/Patch Cords etc.) is required AAI may purchase for maintenance purpose. For this AAI will pay supply cost as per the work order without ITC charges. However, AAI decision is final in this regard.
43. SITC works shall conform to good standard practice and in case of any dispute arising out of the interpretation to specifications, Terms & Conditions and execution of works, the decision of the Engineer-in-Charge shall be final and binding to the Contractor.

5. **TIME ALLOWED/ SUPPLY & INSTALLATION SCHEDULE:**

- i. Total time allowed to complete the Supply, Installation, Testing & Commissioning work should be 06 (Six) Months from the date of acceptance of work order.

ii. **Factory Acceptance Test (FAT) / Pre-Delivery Inspection:**

AAI shall inspect all the material before supply, if any items are not as per Specifications, standards, make & model as offered in bidding by the firm, shall not be accepted. Rejected goods should be taken back by the bidder firm at his cost and risk. Firm shall supply the items as per Offered make model without any changes. FAT/ PDI shall be conducted by AAI engineers in coordination with Firm authorized official/s. If the Items are found not in conformance to tender technical requirements stipulated in tender, then AAI shall cancel the contract as per the terms & conditions of contract if contractor fails to provide the Items as offered in Make & Model.

**Cameras & Switches will be tested by the AAI before installations. Camera's functionality, features etc. shall be tested by AAI Engineers & Security officials. AAI Engineers & Security officials will provide the instructions for installation at site for required features, functionality etc. to meet the requirements.**

- iii. **Extension of Time:** In case of work is getting delayed beyond the stipulated date of completion of the work then firm may apply for Extension of Time to keep the contract alive, well before the actual stipulated date of completion. Authority should issue provisional Extension of Time up to the expected date of completion. This provisional extension of time will be granted without prejudice to the right of AAI to recover the liquidated damages in accordance of provision of relevant clause of agreement. On actual completion date of the work, grant of Final EOT shall be processed on the basis of request application by the contractor on prescribed EOT application form, Same can be obtained from the AAI In-Charge office.



**6. PAYMENTS TERMS & CONDITIONS:**

The quoted price for the work shall remain firm without any escalation. Quoted price should be inclusive of all taxes, levies, transport, insurance etc. for the entire period of contract i.e., Warranty Period and CAMC periods.

**6.1 Payment should be made for SH: I & II (Supply & ITC) in following manner;**

6.2 70% Payment: For supplied Items cost as per Purchase Order, payment should be released against receipt of goods in good conditions, as per offered Make & Model etc. at site.

6.3 30% of Payment: For Supply, Installation, Testing & Commissioning etc. should be released after successful completion of work at site and completion of SAT as per NIT terms & Conditions.

6.4 **Payments shall be done on the basis of actual work carried out and installed items, and after acceptance of AAI. Payments should be governed by the Govt. policies and any taxation applicable at source should be deducted from the payment.**

**6.5 Payment should be made for SH-III Onsite Operation & Maintenance during Warranty Period & SH-IV: CAMC after Warranty Period in following manner;**

6.6 Quarterly basis payment will be paid on quarterly basis at the end each quarter, based on support at site. If any penalty, deductions same will be deducted from quarterly payment.

6.7 **Maintenance during Warranty & CAMC periods payment:** Payments shall be paid by AAI quarterly, after the completion of each quarter for the work done in previous quarter on production of bill and submission of service reports, duly signed by AAI Officer In-Charge / user. All the necessary recoveries/penalties / deductions for which firm has made themselves liable for, shall be deducted from the bills before releasing the payment. The payment should be governed by the Govt. policies and any taxation applicable at source should be deducted from the quarterly payment.

6.8 **Liquidated Damage Penalty:** should be levied for the delay in work, beyond the prescribed time under the scope in SITC. Penalty recovery should be made @ 0.5% per week (part of the week should be considered as one week) for the price of uncompleted portion/ activity / delivery of cost executed /completed beyond delivery schedule is recovered as liquidated damages from the bill. The total penalty within the scope of this contract should not exceed 10% of the total value of uncompleted work.

**7. PERFORMANCE / SECURITY BANK GUARANTEE (PBG)**

- i. The Performance / Security Bank Guarantee for the SITC and CAMC should be furnished @ 10% of Total Work Order value (SITC + CAMC) within **THIRTY** calendar days of issue of purchase order (% age may vary as per Govt of India, MoF, DoE-PPD Guidelines).
- ii. Moreover, interest @ **1 Percent** per month to maximum @ **12 Percent per annum** on Work Order value would be levied (non-refundable) for delayed period of submission. The same should be deducted from running bills.
- iii. Performance / Security Guarantee should be valid for SIX months beyond the scheduled date of completion of work including warranty and CAMC period, and should remain valid as per provisional extension granted by the Project In-charge. If the agency fails to extend the validity of the Performance / Security Guarantee, the



- same should be encashed by AAI and should be returned only as per other provision of contract at discretion of AAI.
- iv. Successful Bidder firm should not change the language contents of PBG language; if the successful bidding firm PBG is found not conforming to the language then AAI may ask to resubmit the same within the stipulated period.
  - v. The Performance / Security guarantee amount should be payable to AAI without any condition whatsoever and the guarantee should be irrevocable by the bidder firm.
  - vi. The Performance / Security guarantee should be deemed to govern the following guarantees from the successful bidder firm, in addition to the other provisions of the guarantee.
  - vii. The Performance / Security guarantee is intended to secure the Performance / Security of the entire equipment. However, it is not to be construed as limiting the damages stipulated in any other clause.

**viii. Details for enabling SFMS facility:**

CORPORATE NAME : AIRPORTS AUTHORITY OF INDIA  
BANK NAME : ICICI BANK  
IFSC CODE : ICIC0000007  
BG ADVISING MESSAGE : IFN 760COV (BG ISSUE)  
IFN 767COV (BG AMENDMENT)  
UNIQUE IDENTIFIER CODE : AAICHENNAI

(To be mentioned in field number 7037 of the BG advising message code).

“Vendor should attach copy of the SFMS BG confirmation message sent by the BG issuing bank to ICICI bank.”

**8. PATENTS, LIABILITY & COMPLIANCE OF REGULATIONS**

Bidder firm should protect and fully indemnify AAI from any claims for infringement of patents, copy right, trademark etc.

Bidder firm should also protect and fully indemnify AAI from any claims from bidder firm's workmen/ employees, their heirs, dependents, representatives, etc. or from any other person(s) or bodies/ companies, etc. for any act of commission or omission while executing the order.

Bidder firm should be responsible for compliance with all requirements under the laws and should protect and indemnify AAI completely from any claims/penalties arising out of any infringements by bidder firm or its workmen/employees.

**9. INSURANCE AND FREIGHT**

The bidder firm should make arrangements at no additional cost to AAI for transporting the equipment to the ultimate consignee site as the same has been included in the quoted price.

**10. Work to be Executed in Accordance with Specifications, Drawings, Orders etc.**

The contractor should execute the whole and every part of the work in the most substance and workman like manner both as regards materials and otherwise in every respect in strict accordance with the specifications. The contractor should also conform exactly, fully and faithfully to the design, drawings and instructions in writing in respects to the work signed by the Engineer-in-Charge and the contractor should be furnished free of charge one copy of the contract documents together with specifications, designs, drawings and instructions as are not included in the standard specifications or in any Bureau of Indian Standard or any other published standard or code or schedule of Rates or any other printed Publication referred to elsewhere in the contract. The contractor should comply with the provisions of the contract and with the care and diligence execute and maintain the works and provide all labour and materials, tools and plants including for measurements and supervisions of all works, structural plans, and other things of temporary or permanent nature required



for such execution and maintenance in so far as the necessity for providing these, is specified, or is reasonably inferred from the contract. The contractor should take full responsibility for adequacy, suitability any safety of all the works and methods of execution.

The Engineer-in-Charge should have power to make alteration in, omissions from, additions to or substitutions for the original specifications, drawings, designs and instructions that may appear to him to be necessary or advisable during the progress of the work, and (ii) to omit a part of the works in case of non –availability of a portion of the site or for any other reasons and the contractor should be bound to carry out the works in accordance with any instructions given to him in writing signed by the Engineer-in-Charge such alterations, omissions, additions or substitutions should form part of the contract as if originally provided therein and any altered, additional or substituted work which the contractor may be directed to do in the manner specified above as part of the works, should be carried out by the contractor on the same conditions in all respects including price on which he agreed to do the main work except as hereafter provided.

**11. Contractor to Supply Tools & Plants, Vehicles etc.**

The contractor should provide at his own cost all machinery, tools & plants as per contract. In addition to this, appliances, implements, other plants ladders, cordage, tackle scaffolding and temporary works required for the proper execution of the work, whether original altered or substituted and whether included in the specifications or other documents forming part of the contract or referred to in these conditions or not, or which may be necessary for the purpose of satisfying or complying with the requirements of the Engineer-in-Charge as to any matter as to which under these conditions he is entitled to be satisfied or which he is entitled to require together with carriage therefore to and from the work the contractor should also supply without charge the requisite number of persons with the means and materials, necessary for the purpose of setting out works, and counting, weighing and assisting the measurement for examination at any time and from time to time of the work or materials. Failing his so doing, the same may be provided by the Engineer-in-Charge at the expense of the contractor and the expenses may be deducted, from any money due to the contractor, under this contract or otherwise and/or from his security deposit or the proceeds of sale thereof, or of a sufficient portion thereof.

**12. Electricity for SITC, Warranty and CAMC period work: will be provided by the AAI at free of cost. Electricity shall be provided by AAI in single phase 230V/50Hz. However, the bidder / Firm has to request as per site requirements. Bidder / Firm shall be responsible for the extension boxes with MCBs, power sockets, required length cables etc. to get the power from sources as per site requirements.**

**13. Deviation / Extra Items:**

AAI may change the quantity or part thereof to be supplied by +/-30% of the tendered quantity (measurable) but within the overall deviation limit of 30% of the contract value.

AAI may purchase/ install Extra item, as per site requirements up to the overall limit of 30% of the contract value, as per Work Order rates. However, decision is bind with AAI.

**14. Substitute Items: NOT APPLICABLE.**



**15. Technical Training:**

Training should be imparted to AAI officials on complete system (system configuration, technical details of installed items, operation of system and fault rectification procedures) with Training Materials (Systems Block Diagram, operational / technical instructions and fault finding & rectification procedures). Trainings Cost should be borne by the Bidder / Firm.

**16. USER Training:**

Bidder / Firm should provide the Operational Training to Security Officials as required on Video Management, video analytics, ANPR, Facial Recognition and with all features, complete operational training with required training materials. However, Operational Trainings may be provided periodically as a refreshment for the existing / new officials. Regarding, Trainings during Warranty & CAMC period will be planned in coordination with AAI In- Charge. Trainings Cost should be borne by the Bidder / Firm.

**17. Documentation:**

Bidder / Firm shall submit the details like System Architecture, Physical Connectivity, IP Schema. User Credentials from Administrator to user levels. Products Serial Nos, Make/ Model, Firmware's, versions Details with OEM Back-to Back Support documents, warranty certificates etc. 2 Copies of Documentations in the form of Hard and soft copies should be submitted to AAI In-Charge. Documentation is prepared on entire systems components. As built diagrams for installed Cameras, switches etc. shall be submitted in CAD & PDF format as required by the Engineer In-Charge of AAI after successful completion of SAT.

**18. SITE ACCEPTANCE TEST (SAT) & COMMISSIONING**

1. It should be the responsibility of the bidder firm to submit the system test procedure for conducting the post-installation site acceptance testing. The procedure submitted by the bidder firm should be drafted in line with the standard practices followed in the industry and should be in accordance with the test procedures & practices specified by the OEM. The acceptance test procedure on approval by AAI should become the document for acceptance of the equipment after installation at the site.

2. The bidder firm should supply, install, test and commission all hardware and software as per the requirement of the tender with the system. **Bidder firm should supply technical documents (hard and soft copy - one set each) at Ultimate User consignee site of each Equipment.** The system should be commissioned after successful completion of – SAT, operational & maintenance training and all the works under the scope of the tender.

**3. Next Day of successful Site Acceptance Test (SAT) will be considered as start Date of Warranty period.** If any observations found during SAT same shall be carried out by the Bidder/ Firm within stipulated time period given by the AAI. If failed to do so AAI shall consider the Acceptance of the SAT Date after completing the observations.

**19. SITE CLEARANCE:**

**Firm Should clear the site from excess items, packing materials etc. after completion of ITC works from the AAI premises.**



**20. Completion Certificate:**

Completion Certificate should be recorded by AAI, on completion of the work in all respect and the same should be issued to the contractor on request. The completion certificate should specify the date of successful completion and completion cost of work, with other details.

**21. Termination of Contract:**

The purchaser reserves its right to terminate the maintenance contract at any time after giving due notice without assigning any reason. The contractor will not be entitled to claim any compensation against such termination. However, while terminating the contract, if any payment is due to the contractor for maintenance services already performed in terms of the contract, these would be paid to it/him as per the contract terms.

**22. Extension of Contract:**

After Completion of 6<sup>th</sup> year CAMC, further extension of contract is sole discretion of AAI based on Firm performance for the previous 6 years periods (Warranty& CAMC). However, decision of the AAI is final in this regard.

**23. Novation Clause**

“Notwithstanding anything contained in this agreement, Parties agree that during the Concession Term, in the event the Authority opts to transfer its rights such as operation, maintenance, development etc. of the Airport to a third party under PPP model or in any manner as may be decided by AAI/Government of India, then the Authority should have the right to assign/novate/alter this Agreement, in favour of such third party, to which concessionaire hereby gives their consent unconditionally and Authority will not be bound to obtain any further consent of concessionaire. Such assignment/novation/alteration would release Authority of all liabilities and obligations arising under this agreement from and after the date of and other arrangements entered into in accordance with the provisions of this Agreement should be vested in such third party. The parties, along with relevant third party should execute necessary documentation or put in place necessary agreements for the aforesaid assignment/novation/alteration as and when need arise.”

**24. Arbitration:**

In-case no final settlement has been arrived at between the parties after mediation or partially settled, the unresolved on invocation by the aggrieved party shall be referred for adjudication by arbitration. Arbitration is restricted disputes with the value of less than 10 crores. Dispute shall be referred to a sole arbitrator to be appointed by Chairman / Member, AAI, after obtaining consent of the other party. Unless the contract has already repudiated / terminated, the parties shall in every case continue to proceed to perform their respective obligations under the agreement. Arbitration proceedings shall be conducted in accordance with the provisions of Arbitration and Conciliation Act, 1996, as amended from time to time. Fee payable to Arbitrator(s) shall be as per schedule-IV of the arbitration and conciliation act, 1996 and shall be borne by the both the parties equally. No dispute shall be referred for resolution under this clause through arbitration in matters for which eviction and recovery procedure is provided under chapter VA of the Airports Authority of India Act, 1994.

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**SECTION: IV**

**OPERATIONAL MAINTENANCE DURING WARRANTY PERIOD AND  
COMPREHENSIVE ANNUAL MAINTENANCE CONTRACT**

S. No.	Scope of Operational & Maintenance.	Statement of compliance (Bidder should mark compliance acceptance)
<b>1.</b>	<b>OPERATIONAL MAINTENANCE DURING WARRANTY PERIOD</b>	
i.	<p>During the Warranty and Defects Liability period, contractor should provide sufficient certified / Trained Engineers for preventive, corrective maintenance, and smooth operation of equipment and its accessories</p> <p>Preventive maintenance should be carried out periodically / as per OEM recommendation on staggered equipment/day basis, after successful commissioning of the equipment. Corrective maintenance should be done, round the clock, on all days including holidays.</p> <p>Failure to deploy competent Maintenance Engineer / Technician /Assistant onsite during Warranty period should attract penalty of Rs. 5,000/- per shift per person, which should be recovered by AAI from on-site maintenance quarterly bills. However, total penalty within the scope of this contract should not exceed 10% of the On-site Maintenance Cost per Annum.</p> <p>During Warranty &amp; CAMC periods system serviceability should maintain 99%. However, failure in system / components should attract the penalties. Hence, Bidder / firm should build the robust system from day-1 to avoid the penalties. Due to failures by the workmanship / system faults penalties mentioned below.</p> <p><b><u>System / Components Failures;</u></b> If any failures related to Cameras. Switches etc. of system, will attract penalties. Fault / failure should be fixed / corrected within 24 Hours from the detected / reported time. If more than 5 nos Cameras are unserviceable more than 24 Hours, every 24 Hrs of Unserviceability and their part will be penalized ₹ 1,000.00 per day per camera. Part of the 24 Hrs will be considered as one day.</p> <p>If any switches failure occurs same to be attended immediately, if major issue alternative switch should be arranged by Bidder/ Firm from available spare at site or his location. Beyond 4 Hrs unserviceability switches will be penalized ₹ 25,000.00 per day per switches. Part of the 24 Hrs will be considered as one day.</p> <p>However, Bidder/ Firm make a critical spare availability at site or in his location positively to avoid the penalty and unserviceability periods.</p>	Complied/ Not Complied



	<p><b>Accordingly, bidder / Firm should ensure system stability from Day-1 to avoid the failures. Required spares to be maintained at site like Cameras, Switches, etc. as a minimum spare.</b></p> <p><b>Deputed Engineers should dedicatedly to work for the installed system operation and maintenance without involving in any other illegal activities (Theft, cyber-crime, intentionally sabotaging the systems physically or logically and involving in any other illegal activities at Airport premises), if any noticed/ found AAI and Govt of India agencies will initiate action as per the laws. Contractor shall also be held responsible for the same.</b></p>	
ii.	The contractor should replace any parts, including the supplied software found defective during Warranty period without any charges whatsoever to AAI. The services of the contractor or his principals, if required during this period, for such work should also be made available without any cost to the Authority.	Complied/ Not Complied
iii.	Maintenance during warranty period should include free replacement of any spares (same as supplied during installation) of the equipment supplied against this work in coordination with OEM suggestions if required without any cost to the AAI.	Complied/ Not Complied
iv.	Any failure (partial or complete) of the system or system related equipment leading to complete failure of the system should be considered as failure of the system. In this regard the decision of AAI Officer In-charge, should be final & binding.	Complied/ Not Complied
v.	The contractor should replace all the faulty & functionally not acceptable parts/components/ displays/monitors/ network switches, as applicable, at own cost. <b>If any item beyond repairable condition, same to be replaced with new one without any cost to the AAI</b>	Complied/ Not Complied
<b>2.</b>	<b>TERMS &amp; CONDITIONS OF COMPREHENSIVE AMC WITH SPARES</b>	
	<p><b>During the Warranty and Defects Liability period, contractor should provide sufficient certified / Trained Engineers for preventive, corrective maintenance, and smooth operation of equipment and its accessories</b></p> <p><b>Preventive maintenance should be carried out periodically / as per OEM recommendation on staggered equipment/day basis, after successful commissioning of the equipment. Corrective maintenance should be done, round the clock, on all days including holidays.</b></p> <p><b>Failure to deploy competent Maintenance Engineer / Technician /Assistant onsite during CAMC periods should attract penalty of ₹ 5,000/- per shift per person, which should be recovered by AAI from CAMC quarterly bills. However, total penalty within the scope of this contract should not exceed 10% of the CAMC Cost per Annum.</b></p> <p><b>During Warranty &amp; CAMC periods system serviceability should maintain 99.9%. However, failure in system / components should attract the penalties. Hence, Bidder / firm should build the robust system from day-1 to avoid the penalties. Due to failures by the workmanship / system faults penalties mentioned</b></p>	Complied/ Not Complied



	<p><b>below.</b></p> <p><b>System / Components Failures;</b> If any failures related to Cameras. Switches etc. of system, will attract penalties. Fault / failure should be fixed / corrected within 24 Hours from the detected / reported time. If more than 5 nos Cameras are unserviceable more than 24 Hours, every 24 Hrs of Unserviceability and their part will be penalized ₹ 1,000.00 per day per camera. Part of the 24 Hrs will be considered as one day.</p> <p>If any switches failure occurs same to be attended immediately, for major issue alternative switch should be arranged by Bidder/ Firm from available spare at site or his location. Beyond 4 Hrs unserviceability of switches will be penalized ₹ 25,000.00 per day per switch. Part of the 24 Hrs will be considered as one day. However, Bidder/ Firm will make a critical spare availability at site or in his location positively to avoid the penalty and unserviceability periods.</p> <p>Accordingly, bidder / Firm should ensure system stability from Day-1 to avoid the failures. Required spares to be maintained at site like Cameras, Switches, etc. as a minimum spare.</p> <p>Deputed Engineers should dedicatedly to work for the installed system operation and maintenance without involving in any other illegal activities (Theft, cyber-crime, intentionally sabotaging the systems physically or logically and involving in any other illegal activities at Airport premises), if any noticed/ found AAI and Govt of India agencies will initiate action as per the laws. Contractor shall also be held responsible for the same.</p>	
2.1	<b>General Conditions:</b>	
	The contractor should carry out the work in accordance with the details specified hereunder:	Complied/ Not Complied
i.	Deployment of Min 3 Engineers, 3 Technicians and 3 Assistants per shift shall be deputed having good knowledge in System onsite 24x7x365 days without fail.	Complied/ Not Complied
ii.	The work herein specified should be performed by competent engineers / Technicians in a thorough professional manner. All materials furnished by the contractor should conform to original equipment manufacturer's standards and guidelines.	Complied/ Not Complied
iii.	All deputed engineers should behave in orderly manner, should comply with the airport operational, safety and security rules and regulations, and should not indulge in any activity beyond the scope of the contract. Any staff violating these conditions should be removed from duty by the contractor with immediate effect on intimation from AAI Officer In-Charge. This will be without prejudice to any other liability to AAI, arising out of court directions/claims, etc. on account of such misdeeds.	Complied/ Not Complied
iv.	Least inconvenience to passengers and staff working in the Airport premises must be ensured while carrying out the work. The preventive maintenance is to be carried out during the lean period without affecting the Airport operations.	Complied/ Not Complied
v.	Contractor will remove all the debris caused due to the work and clear the site after SITC work.	Complied/ Not Complied
vi.	All required repairs, patchwork, etc. to restore any damages caused to AAI property during the execution of work should be carried out by the contractor.	Complied/ Not Complied
vii.	Any damage to AAI property not restored properly should be recovered from the running bills of the contractor and hence utmost	Complied/ Not Complied



	precaution should be taken during the execution of the work. AAI should have full liberty to get the damage rectified at the contractor's risk and cost.	
viii.	Provision of necessary Test equipment, tools, cleaning material, etc. at site should be the responsibility of the contractor.	Complied/ Not Complied
ix.	The contractor will not be liable for any damages arising out of War, riots and natural calamity such as fire, storm, earthquake, etc. and Physical damages occurred due to operational accidents.	Complied/ Not Complied
x.	The contractor is fully responsible for safety precautions, and any unexpected accident / injuries happened to his engineers/technicians/staffs/Labour during the execution of the work and all expenses for his medical treatment is to be borne by the contractor.	Complied/ Not Complied
xi.	If at any stage the contractor fails to provide satisfactory service, AAI should terminate the contract by giving one month's notice and Bank Guarantee will be forfeited. Any damage to the equipment and its accessories should be rectified by AAI on the contractor's risk and cost.	Complied/ Not Complied
xii.	The equipment and its accessories should be handed over to AAI in fully serviceable condition on expiry/termination of the contract.	Complied/ Not Complied
xiii.	The contractor should maintain all the system to the entire satisfaction of the AAI Officer In-Charge. Since on completion of the contract period (expiry of contract/ termination of contract), the equipment is to be handed over to AAI in fully serviceable condition, it will be tested jointly for its 100% serviceability by AAI representative and contractor's representative at site. In case any spares are required to be replaced or any rectification is required to be carried out for satisfactory Performance of the System/equipment, the contractor at their cost should carry out the same.	Complied/ Not Complied
xiv.	The Contractor should not be entitled for any extra payment whatsoever on account of the conditions of Comprehensive Annual Maintenance Contract.	Complied/ Not Complied
xv.	Contractor shall make available at site Ladders, required tools, scissors lifts (battery operated), vehicle for carrying men and materials for installation and maintenance of cameras during warranty & CAMC periods. Deputed Engineers / Technicians should be fully equipped with required tools.	Complied/ Not Complied
xvi.	Bidder / Firm should carry out standard installation procedures for outdoor installations with good quality materials for pole foundations, rack installations etc. Used materials shall meet the proper specifications to meet with standability against corrosion, cracks in works done concretes, environmental effects etc.	Complied/ Not Complied
xvii.	Bidder / Firm is responsible for the Pole foundation, HDPE, Outdoor racks, any installed items got damages due to poor workmanship or usage, during warranty and CAMC periods. Bidder / Firm shall make rectification of work as good as previous one, in this regard AAI will not pay any extra payments. However, damages due to war/environmental issues like floods etc. accidental damages not covered under the Bidder/ Firm scope.	Complied/ Not Complied
xviii.	<b>The rates quoted for the Warranty &amp; CAMC periods should be inclusive of all spares (incl patches, OFC Patches, power sockets, i/o modules, power adapters, fans, PDUs etc.) and services including consumables like maintenance free batteries, etc.</b>	Complied/ Not Complied
xix.	<b>All UPS Batteries should be replaced every 2 (Two) years from the date of SITC completion or as per instruction of AAI. Replacement of Batteries cost shall be borne by the Bidder; accordingly, bidder shall quote the price.</b>	Complied/ Not Complied
<b>2.2</b>	<b>CAMC CONDITIONS:</b>	
a)	<b>Scope of CAMC Work:</b>	



i	Comprehensive Annual Maintenance Contract, consisting of Preventive & Corrective Maintenance.	Complied/ Not Complied
ii	Installation of software and OS as and when required: <ul style="list-style-type: none"> <li>• Installation of Hotfixes and Patches, up-gradation of software as and when desired for system functionality or as recommended by the Hardware/ Software OEMs.</li> <li>• Bug fixing updates and modification of software/hardware to accommodate addition or deletion of system hardware.</li> </ul>	Complied/ Not Complied
iii	<ul style="list-style-type: none"> <li>• Restoration of system operation after any failure using back-up data. Changing the system configuration, parameters and reorganizing disk space etc. if required.</li> </ul>	Complied/ Not Complied
b.	The contractor should confirm in writing, the names of the Maintenance Engineers with complete contact details (address, e-mail, mobile number, etc.). Any change in these contact details should be intimated to AAI in advance.	Complied/ Not Complied
c.	The Maintenance Engineer with adequate support staff of the contractor should ensure serviceability by periodic monitoring/ inspections, etc., and in case of any unserviceability should take immediate corrective action. AAI Officer In-charge or his authorized representative should be informed of any scheduled and corrective maintenance and post- restoration of any unserviceable equipment/system/facility.	Complied/ Not Complied
d.	In case of any breakdown, the contractor maintenance personal should rectify the fault and restore the equipment and system to the satisfaction of the AAI Officer In-charge.	Complied/ Not Complied
e.	After rectification, operation and Performance / Security of the system should be checked and maintained to the satisfaction of the AAI Officer In-charge.	Complied/ Not Complied
f.	<b>The rates quoted for the CAMC should be inclusive of all spares and services including consumables like maintenance free batteries, etc.</b>	Complied/ Not Complied
g.	Contractor should maintain sufficient inventory of spares to ensure compliance of terms and conditions of CAMC. Component level/card level maintenance should have to be carried out by the contractor. It is therefore necessary that sufficient stock of spares is kept with the maintenance engineer of the contractor, so that un-serviceability can be attended by the method of replacement in order to have minimum down time.	Complied/ Not Complied
h.	Contractor should ensure periodic backup of systems. In case of mal-function or damage to the Programming/ Data due to any reason, the replacement, reprogramming and restoration should be the responsibility of the contractor.	Complied/ Not Complied
i.	The repairs/maintenance of equipment is to be carried out at site. In case of a defect in equipment/its accessories, necessitating major repairs at the service center of the contractor, the same may be taken to service center under intimation to the AAI Officer In-charge. In such cases, all expenditure and arrangement to dispatch, repair and return of the equipment/sub-assembly should be borne/carried out by the contractor. Penalty should be levied for delay beyond the prescribed time in setting right the equipment. The original equipment has to be reinstated at site after the repairs have been carried out at service center at the earliest. <b>If any item beyond repairable condition, same to be replaced with new one without any cost to the AAI</b>	Complied/ Not Complied



j.	Contractor should maintain the entire SCCTV Systems Active and Passive Components through NMS. Periodic reports to be generated as per the instruction of AAI In-charge. Contractor is fully responsible for periodic updates or upgradation of NMS during the contract period at no cost to AAI.	Complied/ Not Complied
k.	<b>Spares:</b> All spares required for repairs and maintenance of the complete system should be kept with the contractor. All critical spares required during CAMC should be analyzed and necessary inventory kept at Site.	Complied/ Not Complied
l.	<b>Payment:</b> Comprehensive AMC charges should be paid by AAI quarterly, after the completion of each quarter for the work done in previous quarter on production of bill and submission of service reports, duly signed by AAI Officer In-Charge / user. All the necessary recoveries/ deductions for which firm has made themselves liable for, should be deducted from the bills before releasing the payment. The payment should be governed by the Govt. policies and any taxation applicable at source should be deducted from the quarterly payment.	Complied/ Not Complied
m.	<b>Scope of Operational &amp; Maintenance (During Warranty Period &amp; CAMC periods) briefly mentioned but not exhaustively to achieve the best Performance / Security of system, AAI may issue time to time guidelines as required. Bidder / Firm is responsible for follow up the guidelines without any failure / lapses without adding any conditions / additional cost.</b>	Complied/ Not Complied
n.	<b>Attendance System:</b> Firm has to deploy Attendance systems for the Deputed manpower during Warranty & CAMC period. Systems to be provided by the Firm/ Bidder at sites in convenient locations for deputed employees to mark their attendance. Attendance system shall be tamper-proof and with high secured, to store the details and easy retrieval of details as and when required by the AAI / Firm. System shall function based on Bio-Metric or Facial Recognition or App based. For providing the Attendance systems, AAI will not pay any extra cost.	Complied/ Not Complied

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## SECTION-V

### DETAILED SPECIFICATIONS

**(Please read the detailed specifications for BOQ Items before quoting Make & Model, Price)**

1. Bidder should submit Data/ Technical specifications sheets as provided by OEM.
2. Bidder should read carefully all items' specification before mentioning Make, Models and price quote.
3. Bidder should provide the make & model as per specifications or for higher specifications.
4. Bidder should ensure not to provide low / unmatched / ambiguous specifications for items.
5. Bidder should ensure offered make/ model of items from reputed manufacturers.
6. Assembled/refurbished/ under-specifications / trial or underdevelopment Softwares offered Technical Bids are rejected outrightly.
7. Request for change of specifications/any items not accepted.

Sl. No	Description of Items	Detailed Specifications
1.	<b>2MP or Higher PTZ IP Cameras.</b>	<p><b><u>2MP or Higher PTZ IP Camera:</u></b></p> <ul style="list-style-type: none"> <li>➤ <b>Camera shall be proven model and best in industry performance.</b></li> <li>➤ <b>Type: IP PTZ Dome Camera.</b></li> <li>➤ <b>Camera Housing: Metal.</b></li> <li>➤ <b>Ingress Protection: IP-66</b></li> <li>➤ <b>Vandal Resistance: IK- 10.</b></li> <li>➤ <b>Camera should support and easily integrate with any make Video Management Softwares &amp; Video Analytics Softwares</b></li> <li>➤ <b>Image Sensor: 1/3" or better CCD/CMOS sensor, progressive scan or higher specification.</b></li> <li>➤ <b>Optical Zoom: 30X or higher</b></li> <li>➤ <b>Digital Zoom: 16X or higher</b></li> <li>➤ <b>Pixels: 1920×1080 (FHD) 2MP or higher.</b></li> <li>➤ <b>Min Illumination: B/W: 0.01 Lux or higher, Colour: 0.6 Lux or higher</b></li> <li>➤ <b>WDR: 120 dB or better.</b></li> <li>➤ <b>IR: Inbuilt.</b></li> <li>➤ <b>IR Range: 100 meter or higher.</b></li> <li>➤ <b>ICR (IR cut Filter): Auto</b></li> <li>➤ <b>Video compression: H.264, H.265, H.265+ or higher</b></li> <li>➤ <b>ONVIF Compliance: Min. G, M, S &amp; T profiles or higher profiles. Camera should support any make Video Analytics Software features. Accordingly, camera must have ONVIF compliance with required profiles for enabling the features. Bidder / Firm ensure the ONVIF profiles of offered camera for meeting the requirements.</b></li> <li>➤ <b>Video Stream: Dual or Triple video stream for independent viewing, recording etc.</b></li> <li>➤ <b>Video Frames: 1-25fps</b></li> <li>➤ <b>Preset positions Min.: 64</b></li> <li>➤ <b>Privacy Masking zones: Min 4 or higher</b></li> <li>➤ <b>Iris Control: Auto</b></li> <li>➤ <b>Focus: Auto</b></li> <li>➤ <b>Back Light compensation: Auto</b></li> <li>➤ <b>White balance: Auto</b></li> <li>➤ <b>Electronic shutter: Auto</b></li> <li>➤ <b>EIS (Electronic Image stabilization).</b></li> <li>➤ <b>Alarm: 1 Alarm input/1 relay output or higher</b></li> <li>➤ <b>Audio Interface: 1 in / 1 out (Mic and Speaker) two-way.</b></li> <li>➤ <b>Remote access support: Via browser for configuration, viewing and control</b></li> <li>➤ <b>Auto network replenishment (ANR).</b></li> </ul>

Signature of Bidder with seal



		<ul style="list-style-type: none"> <li>➤ <b>Camera shall Support for Video Analytics features with any make Video Analytics Software.</b></li> <li>➤ <b>Video Analytics Features: Object Detection, Intrusion, Face recognition Detection, line crossing, Auto tracking, Counting, Heat map, Perimeter Intrusion Detection etc. Camera shall be compatible for full VAS features.</b></li> <li>➤ Ethernet: 10/100 Base-T Auto sensing, Half/Full Duplex (RJ45)</li> <li>➤ Network protocol support: Yes</li> <li>➤ S/N Ratio: &gt;= 50 dB</li> <li>➤ <b><u>SD Card Slot:</u> Slot to support for SD Card for edge storage, populated with 128 GB or higher. Surveillance grade memory card.</b></li> <li>➤ Operating: -10° to +60° C</li> <li>➤ Humidity: 10% to 90% (non-condensing)</li> <li>➤ Defog: Auto.</li> <li>➤ <b>PoE 802.3 af /at compatible, camera should function seamlessly on PoE.</b></li> <li>➤ <b>Power Supply:</b> Offered Camera and Power Adapter shall be of the same OEM make or recommended product of OEM.</li> <li>➤ <b>Power Supply:</b> AC 230V 50Hz, DC 12V or 24V</li> <li>➤ <b>Accessories:</b> Including all accessories for mounting &amp; installation as supplied or recommended product of OEM.</li> <li>➤ <b>IP-55 junction Box</b> (ABS/ GI) as per site requirements (wall / pole) for in/out cables with fixing accessories.</li> <li>➤ <b><u>Specifications Compliance of Camera:</u> Bidder must submit OEM signed Specifications Compliance Document.</b></li> <li>➤ <b>Certifications &amp; Standards:</b> BIS, STQC or any other agency notified by the MeitY, RoHS, CE, IEC, ISO etc. for offered model.</li> <li>➤ <b><u>Make in India:</u> Make in India products shall comply the Govt of India norms.</b></li> <li>➤ Bidder must submit the OEM signed document for <b>Local Content Declaration to fulfill MII guidelines.</b></li> </ul>
2.	2MP PTZ IP Fibre in /out Cameras.	<p><b><u>2MP PTZ IP Fibre in /out Camera:</u></b></p> <ul style="list-style-type: none"> <li>➤ Camera shall be proven model and best in industry performance.</li> <li>➤ <b>Type:</b> IP PTZ Dome Camera.</li> <li>➤ <b>Camera Housing:</b> Metal.</li> <li>➤ <b>Ingress Protection:</b> IP-67</li> <li>➤ <b>Vandal Resistance:</b> IK- 10.</li> <li>➤ Camera should support and easily integrate with any make Video Management Softwares &amp; Video Analytics Softwares.</li> <li>➤ <b>Physical Video Output:</b> Built-in Direct OFC Output Simplex/Duplex (FC Type) port with fully loaded.</li> <li>➤ <b>FC Input:</b> SFP module populated.</li> <li>➤ Image Sensor: 1/3" or better CCD/CMOS sensor, progressive scan or higher specification.</li> <li>➤ <b>Optical Zoom:</b> 40X or higher</li> <li>➤ Digital Zoom: 16X or higher</li> <li>➤ Pixels: 1920×1080 (FHD) 2MP or higher.</li> <li>➤ Min Illumination: B/W: 0.01 Lux or higher, Colour: 0.6 Lux or higher</li> <li>➤ WDR: 120 dB or better.</li> <li>➤ <b>IR: Inbuilt.</b></li> <li>➤ <b>IR Range:</b> 200 meter or higher.</li> <li>➤ IRC (IR cut Filter): Auto</li> <li>➤ <b>Video compression:</b> H.264, H.265, H.265+ or higher or higher</li> </ul>



		<ul style="list-style-type: none"> <li>➤ <b>ONVIF Compliance: Min. G, M, S &amp; T profiles or higher profiles. Camera should support any make Video Analytics Software features. Accordingly, camera must have ONVIF compliance with required profiles for enabling the features. Bidder / Firm ensure the ONVIF profiles of offered camera for meeting the requirements.</b></li> <li>➤ <b>Video Stream: Dual or Triple video stream for independent viewing, recording etc.</b></li> <li>➤ Video Stream: 1-25 fps</li> <li>➤ Preset positions Min.: 64</li> <li>➤ Privacy Masking zones: Min 4 or higher</li> <li>➤ Iris Control: Auto</li> <li>➤ Focus: Auto</li> <li>➤ Back Light compensation: Auto</li> <li>➤ White balance: Auto</li> <li>➤ Electronic shutter: Auto</li> <li>➤ EIS (Electronic Image stabilization)</li> <li>➤ <b>Alarm:1 Alarm input/1 relay output or higher.</b></li> <li>➤ <b>Audio Interface: 1 in / 1 out (Mic and Speaker) two-way.</b></li> <li>➤ <b>Remote access support: Via browser for configuration, viewing and control.</b></li> <li>➤ Auto network replenishment (ANR)</li> <li>➤ <b>Camera shall Support for Video Analytics features with any make Video Analytics Software.</b></li> <li>➤ <b>Video Analytics Features: Object Detection, Intrusion, Face detection recognition, line crossing, Auto tracking, Counting, Heat map, Perimeter Intrusion Detection etc. camera shall be compatible for VAS features. Camera shall be compatible for full VAS features.</b></li> <li>➤ Network protocol support: Yes</li> <li>➤ S/N Ratio: &gt;= 50 dB</li> <li>➤ <b>SD Card Slot: Slot to support for SD Card for edge storage, populated with 128 GB or higher. Surveillance grade memory card.</b></li> <li>➤ Operating: -10° to +60° C</li> <li>➤ Humidity: 10% to 90% (non-condensing)</li> <li>➤ Defog: Auto.</li> <li>➤ <b>PoE 802.3 af /at compatible, camera should function seamlessly on PoE.</b></li> <li>➤ <b>Power Supply:</b> Offered Camera and Power Adapter shall be of the same OEM make / recommended product of OEM.</li> <li>➤ Power Supply: AC 230V 50Hz, DC 12V or 24V.</li> <li>➤ <b>Accessories:</b> Including all accessories for mounting &amp; installation as supplied / recommended product of OEM.</li> <li>➤ <b>Specifications Compliance of Camera: Bidder must submit OEM signed Specifications Compliance Document.</b></li> <li>➤ <b>Certifications &amp; Standards: BIS, STQC or any other agency notified by the MeitY, RoHS, CE, IEC, ISO etc. for offered model.</b></li> <li>➤ <b>Make in India: Make in India products shall comply the Govt of India norms.</b></li> <li>➤ Bidder must submit the OEM signed document for Local Content Declaration to fulfill MII guidelines.</li> </ul>
3.	2MP IP Bullet cameras;	<p><b>2MP IP Bullet camera:</b></p> <ul style="list-style-type: none"> <li>➤ Camera shall be proven model and best in industry performance.</li> <li>➤ Type: IP Bullet Camera.</li> <li>➤ Built-in Motorized Optical zoom lens</li> <li>➤ Camera Housing: Metal</li> </ul>



- **Ingress Protection: IP-67**
- **Vandal Resistance: IK- 10.**
- **Camera should support and easily integrate with any make Video Management Softwares & Video Analytics Softwares.**
- Image Sensor: 1/3" or better CCD/CMOS sensor, progressive scan or higher specification.
- Focal Length: 2.8-12 mm.
- Pixels: 1920 x 1080 (FHD) or higher;
- Min Illumination: B/W: 0.001 Lux or higher, Colour: 0 Lux (IR ON) or higher
- **WDR: 120 dB or better.**
- **Shutter speed: - 1s ~ 1/100,000s, Auto / Manual**
- **IR: Inbuilt.**
- **IR Range: 100 meter or higher.**
- **IRC (IR cut Filter): Auto**
- **Video compression: H.264, H.265, H.265+ or higher or higher**
- **ONVIF Compliance: Min. G, M, S & T profiles or higher profiles. Camera should support any make Video Analytics Software features. Accordingly, camera must have ONVIF compliance with required profiles for enabling the features. Bidder / Firm ensure the ONVIF profiles of offered camera for meeting the requirements.**
- **Video Stream: Dual or Triple video stream for independent viewing, recording etc.**
- Video Frames: 1-25 fps.
- Privacy Masking zones: Min 4 or higher
- Iris Control: Auto
- Focus: Auto
- High light compensation: - Auto
- Back Light compensation: Auto
- White balance: Auto
- Electronic Image stabilization (EIS)
- **Alarm:** 1 Alarm input/1 relay output or higher.
- **Audio Interface:** 1 in / 1 out (Mic and Speaker) two-way.
- **Remote access support:** Via browser for configuration, viewing and control
- Auto network replenishment (ANR)
- **Camera shall Support for Video Analytics features with any make Video Analytics Software.**
- **Video Analytics Features: Object Detection, Intrusion, Face detection, line crossing, Abnormal speed detection, tampering detection, wrong way detection etc. Camera shall be compatible for full VAS features.**
- Ethernet: 10/100 Base-T Auto sensing, Half/Full Duplex (RJ45)
- Network protocol support: Yes
- S/N Ratio: >= 50 dB
- **SD Card Slot: Slot to support for SD Card for edge storage, populated with 128 GB or higher. Surveillance grade memory card**
- Operating: -10° to +60° C
- Humidity: 10% to 90% (non-condensing)
- Defog: Auto.
- **PoE 802.3 af /at compatible, camera should function seamlessly on PoE.**
- **Power Supply:** Offered Camera and Power Adapter shall be of the same OEM make / recommended product of OEM.
- Power Supply: AC 230V 50Hz, DC 12V /24V



		<ul style="list-style-type: none"> <li>➤ <b>Accessories:</b> Including all accessories for mounting &amp; installation as supplied / recommended product of OEM.</li> <li>➤ <b>IP-55 junction Box</b> (ABS/ GI) as per site requirements (wall / pole) for in/out cables with fixing accessories.</li> <li>➤ <b>Specifications Compliance of Camera:</b> Bidder must submit OEM signed Specifications Compliance Document.</li> <li>➤ <b>Certifications &amp; Standards:</b> BIS, STQC or any other agency notified by the MeitY, RoHS, CE, IEC, ISO etc. for offered model.</li> <li>➤ <b>Make in India:</b> Make in India products shall comply the Govt of India norms.</li> <li>➤ Bidder must submit the OEM signed document for Local Content Declaration to fulfill MII guidelines.</li> </ul>
4.	2MP IP Fixed Dome Cameras:	<p><b>2MP IP Fixed Dome Camera:</b></p> <ul style="list-style-type: none"> <li>➤ Camera shall be proven model and best in industry performance.</li> <li>➤ Type: IP Dome Camera.</li> <li>➤ Built-in Motorized Optical zoom lens</li> <li>➤ Camera Housing: Metal</li> <li>➤ Ingress Protection: IP-66</li> <li>➤ Vandal Resistance: IK- 10.</li> <li>➤ Camera should support and easily integrate with any make Video Management Softwares &amp; Video Analytics Softwares.</li> <li>➤ Image Sensor: 1/3" or better CCD/CMOS sensor, progressive scan or higher specification.</li> <li>➤ Focal Length: 2.8-12 mm.</li> <li>➤ Pixels: 1920×1080 (FHD) 2MP or higher.</li> <li>➤ Min Illumination: B/W: 0.01 Lux or higher, Colour: 0.6 Lux or higher</li> <li>➤ <b>WDR: 120 dB or better.</b></li> <li>➤ <b>IR: Inbuilt.</b></li> <li>➤ <b>IR Range: 40 meter or higher.</b></li> <li>➤ <b>IRC (IR cut Filter): Auto</b></li> <li>➤ <b>Video compression: H.264, H.265, H.265+ or higher or higher</b></li> <li>➤ <b>ONVIF Compliance: Min. G, M, S &amp; T profiles or higher profiles. Camera should support any make Video Analytics Software features. Accordingly, camera must have ONVIF compliance with required profiles for enabling the features. Bidder / Firm ensure the ONVIF profiles of offered camera for meeting the requirements.</b></li> <li>➤ <b>Video Stream: Dual or Triple video stream for independent viewing, recording etc.</b></li> <li>➤ Video Frames: 1-25 fps</li> <li>➤ Privacy Masking zones: Min 4 or higher</li> <li>➤ Iris Control: Auto</li> <li>➤ Focus: Auto</li> <li>➤ Back Light compensation: Auto</li> <li>➤ White balance: Auto</li> <li>➤ Electronic shutter: Auto</li> <li>➤ EIS (Electronic Image stabilization)</li> <li>➤ <b>Alarm: 1 Alarm input/1 relay output or higher.</b></li> <li>➤ <b>Audio Interface: 1 in / 1 out (Mic and Speaker) two-way.</b></li> <li>➤ <b>Remote access support:</b> Via browser for configuration, viewing and control</li> <li>➤ Auto network replenishment (ANR)</li> <li>➤ <b>Camera shall Support for Video Analytics features with any make Video Analytics Software.</b></li> <li>➤ <b>Video Analytics Features: Object Detection, Intrusion, Face recognition detection, line crossing,</b></li> </ul>



		<p><b>Auto tracking, Counting, Heat map, Perimeter Intrusion Detection etc. camera shall be compatible for VAS features. Camera shall be compatible for full VAS features.</b></p> <ul style="list-style-type: none"> <li>➤ Ethernet: 10/100 Base-T Auto sensing, Half/Full Duplex (RJ45)</li> <li>➤ Network protocol support: Yes</li> <li>➤ S/N Ratio: &gt;= 50 dB</li> <li>➤ <b>SD Card Slot: Slot to support for SD Card for edge storage, populated with 128 GB or higher. Surveillance grade memory card</b></li> <li>➤ Operating: -10° to +60° C</li> <li>➤ Humidity: 10% to 90% (non-condensing)</li> <li>➤ Defog: Auto.</li> <li>➤ <b>PoE 802.3 af /at compatible, camera should function seamlessly on PoE.</b></li> <li>➤ <b>Power Supply:</b> Offered Camera and Power Adapter shall be of the same OEM make / recommended product of OEM.</li> <li>➤ Power Supply: AC 230V 50Hz, DC 12V /24V]</li> <li>➤ <b>Accessories:</b> Including all accessories for mounting &amp; installation as supplied / recommended product of OEM.</li> <li>➤ <b>IP-55 junction Box</b> (ABS/ GI) as per site requirements (wall / pole) for in/out cables with fixing accessories.</li> <li>➤ <b>Specifications Compliance of Camera: Bidder must submit OEM signed Specifications Compliance Document.</b></li> <li>➤ <b>Certifications &amp; Standards: BIS, STQC or any other agency notified by the MeitY, RoHS, CE, IEC, ISO etc. for offered model.</b></li> <li>➤ <b>Make in India: Make in India products shall comply the Govt of India norms.</b></li> <li>➤ Bidder must submit the OEM signed document for <b>Local Content Declaration to fulfill MII guidelines.</b></li> </ul>
<p>5.</p>	<p><b>5MP IP Bullet cameras for ANPR (Camera should work with any make ANPR Software)</b></p>	<p><b><u>5MP IP Bullet camera for ANPR (Camera should work with any make ANPR Software):</u></b></p> <ul style="list-style-type: none"> <li>➤ Camera shall be proven model and best in industry performance.</li> <li>➤ <b>Type: IP Bullet Camera.</b></li> <li>➤ <b>Built-in Motorized Optical zoom lens</b></li> <li>➤ <b>Camera Housing: Metal</b></li> <li>➤ <b>Ingress Protection: IP-67</b></li> <li>➤ <b>Vandal Resistance: IK- 10.</b></li> <li>➤ <b>Camera should support and easily integrate with any make Video Management Softwares &amp; Video Analytics Softwares, ANPR Software.</b></li> <li>➤ Image Sensor: 1/3" or better CCD/CMOS sensor, progressive scan or higher specification.</li> <li>➤ Pixels: 2560 x 1920 or higher;</li> <li>➤ Min Illumination: B/W: 0.001 Lux or higher, Colour: 0 Lux (IR ON) or higher</li> <li>➤ <b>WDR: 120 dB or better.</b></li> <li>➤ <b>Shutter speed: - 1s ~ 1/100,000s, Auto / Manual</b></li> <li>➤ <b>IR: Inbuilt.</b></li> <li>➤ <b>IR Range: 100 meter or higher.</b></li> <li>➤ IRC (IR cut Filter): Auto</li> <li>➤ <b>Video compression: H.264, H.265, H.265+ or higher or higher</b></li> <li>➤ <b>ONVIF Compliance: Min. G, M, S &amp; T profiles or higher profiles. Camera should support any make Video Analytics Software features. Accordingly, camera must have ONVIF compliance with required profiles for enabling the features. Bidder / Firm</b></li> </ul>



		<p><b>ensure the ONVIF profiles of offered camera for meeting the requirements.</b></p> <ul style="list-style-type: none"> <li>➤ <b>Video Stream: Dual or Triple video stream for independent viewing, recording etc.</b></li> <li>➤ <b>Video Frames: 1-25 fps at 5MP Resolution and other resolutions; 50Fps in 1080p resolution;</b></li> <li>➤ Privacy Masking zones: Min 4 or higher</li> <li>➤ Iris Control: Auto</li> <li>➤ Focus: Auto</li> <li>➤ High light compensation: - Auto</li> <li>➤ Back Light compensation: Auto</li> <li>➤ White balance: Auto</li> <li>➤ Electronic Image stabilization (EIS)</li> <li>➤ <b>Alarm:</b>1 Alarm input/1 relay output or higher.</li> <li>➤ <b>Audio Interface:</b> 1 in / 1 out (Mic and Speaker) two-way.</li> <li>➤ <b>Remote access support:</b> Via browser for configuration, viewing and control</li> <li>➤ Auto network replenishment (ANR)</li> <li>➤ <b>Camera shall Support for Video Analytics features with any make Video Analytics Software.</b></li> <li>➤ <b>Video Analytics Features: Object Detection, Intrusion, Face detection, line crossing, Abnormal speed detection, tampering detection, wrong way detection etc. camera shall be compatible for full VAS features.</b></li> <li>➤ Ethernet: 10/100 Base-T Auto sensing, Half/Full Duplex (RJ45)</li> <li>➤ Network protocol support: Yes</li> <li>➤ S/N Ratio: &gt;= 50 dB</li> <li>➤ <b>SD Card Slot: Slot to support for SD Card for edge storage, populated with 128 GB or higher. Surveillance grade memory card</b></li> <li>➤ Operating: -10° to +60° C</li> <li>➤ Humidity: 10% to 90% (non-condensing)</li> <li>➤ Defog: Auto.</li> <li>➤ <b>PoE 802.3 af /at compatible, camera should function seamlessly on PoE.</b></li> <li>➤ <b>Power Supply:</b> Offered Camera and Power Adapter shall be of the same OEM make / recommended product of OEM.</li> <li>➤ Power Supply: AC 230V 50Hz, DC 12V /24V</li> <li>➤ <b>Accessories:</b> Including all accessories for mounting &amp; installation as supplied / recommended product of OEM.</li> <li>➤ <b>IP-55 junction Box</b> (ABS/ GI) as per site requirements (wall / pole) for in/out cables with fixing accessories.</li> <li>➤ <b>Specifications Compliance of Camera: Bidder must submit OEM signed Specifications Compliance Document.</b></li> <li>➤ <b>Certifications &amp; Standards: BIS, STQC or any other agency notified by the MeitY, RoHS, CE, IEC, ISO etc. for offered model.</b></li> <li>➤ <b>Make in India: Make in India products shall comply the Govt of India norms.</b></li> <li>➤ Bidder must submit the OEM signed document for Local Content Declaration to fulfill MII guidelines.</li> </ul>
6.	<p><b>5MP IP Dome cameras for Face recognition (Camera should work with any make AI Based FR Software)</b></p>	<p><b><u>5MP IP Dome camera for Face recognition: Camera should work with any make AI Based FR Software.</u></b></p> <ul style="list-style-type: none"> <li>➤ Camera shall be proven model and best in industry performance.</li> <li>➤ <b>Type:</b> IP Dome Camera for Face Recognition.</li> <li>➤ <b>Built-in Motorized Optical zoom lens</b></li> <li>➤ <b>Camera Housing: Metal</b></li> </ul>



		<ul style="list-style-type: none"> <li>➤ <b>Ingress Protection: IP-66</b></li> <li>➤ <b>Vandal Resistance: IK- 10.</b></li> <li>➤ <b>Camera should support and easily integrate with any make Video Management Softwares &amp; Video Analytics Softwares, AI Based FR software.</b></li> <li>➤ Image Sensor: 1/3" or better CCD/CMOS sensor, progressive scan or higher specification.</li> <li>➤ Pixels: 2560 x 1920 or higher or higher</li> <li>➤ Min Illumination: B/W: 0.001 Lux or higher, Colour: 0 Lux (IR ON) or higher</li> <li>➤ <b>WDR: 120 dB or better.</b></li> <li>➤ <b>Shutter speed: - 1s ~ 1/100,000s, Auto / Manual</b></li> <li>➤ <b>IR: Inbuilt.</b></li> <li>➤ <b>IR Range: 40 meter or higher.</b></li> <li>➤ IRC (IR cut Filter): Auto</li> <li>➤ Video compression: <b>H.264, H.265, H.265+ or higher or higher</b></li> <li>➤ <b>ONVIF Compliance: Min. G, M, S &amp; T profiles or higher profiles. Camera should support any make Video Analytics Software features. Accordingly, camera must have ONVIF compliance with required profiles for enabling the features. Bidder / Firm ensure the ONVIF profiles of offered camera for meeting the requirements.</b></li> <li>➤ Video Stream: <b>Dual or Triple</b> video stream for independent viewing, recording etc.</li> <li>➤ Video Frames: 1-25 fps at 5MP Resolution and other resolutions; 50Fps in 1080p resolution;</li> <li>➤ Privacy Masking zones: Min 4 or higher</li> <li>➤ Iris Control: Auto</li> <li>➤ Focus: Auto</li> <li>➤ High light compensation: - Auto</li> <li>➤ Back Light compensation: Auto</li> <li>➤ White balance: Auto</li> <li>➤ Electronic Image stabilization (EIS)</li> <li>➤ <b>Alarm:</b> 1 Alarm input/1 relay output or higher.</li> <li>➤ <b>Audio Interface:</b> 1 in / 1 out (Mic and Speaker) two-way.</li> <li>➤ <b>Remote access support:</b> Via browser for configuration, viewing and control</li> <li>➤ Auto network replenishment (ANR)</li> <li>➤ <b>Camera shall Support for Video Analytics features with any make Video Analytics Software.</b></li> <li>➤ <b>Video Analytics Features: Object Detection, Intrusion, Face detection, line crossing, Abnormal speed detection, tampering detection, wrong way detection etc. camera shall be compatible for VAS features. Video Analytics Features: Object Detection, Intrusion, Face detection, line crossing, Abnormal speed detection, tampering detection, wrong way detection etc. camera shall be compatible for full VAS features.</b></li> <li>➤ Ethernet: 10/100 Base-T Auto sensing, Half/Full Duplex (RJ45)</li> <li>➤ Network protocol support: Yes</li> <li>➤ S/N Ratio: &gt;= 50 dB</li> <li>➤ <b>SD Card Slot: Slot to support for SD Card for edge storage, populated with 128 GB or higher. Surveillance grade memory card</b></li> <li>➤ Operating: -10° to +60° C</li> <li>➤ Humidity: 10% to 90% (non-condensing)</li> <li>➤ Defog: Auto</li> <li>➤ <b>PoE 802.3 af /at compatible, camera should function seamlessly on PoE.</b></li> </ul>
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		<ul style="list-style-type: none"> <li>➤ <b>Power Supply:</b> Offered Camera and Power Adapter shall be of the same OEM make / recommended product of OEM.</li> <li>➤ Power Supply: AC 230V 50Hz, DC 12V /24V</li> <li>➤ <b>Accessories:</b> Including all accessories for mounting &amp; installation as supplied / recommended product of OEM.</li> <li>➤ <b>IP-55 junction Box</b> (ABS/ GI) as per site requirements (wall / pole) for in/out cables with fixing accessories.</li> <li>➤ <b>Specifications Compliance of Camera: Bidder must submit OEM signed Specifications Compliance Document.</b></li> <li>➤ <b>Certifications &amp; Standards: BIS, STQC or any other agency notified by the MeitY, RoHS, CE, IEC, ISO etc. for offered model.</b></li> <li>➤ <b>Make in India:</b> Make in India products shall comply the Govt of India norms.</li> <li>➤ Bidder must submit the OEM signed document for <b>Local Content Declaration to fulfill MII guidelines.</b></li> </ul>
	<p><b>Note:</b></p> <p>1. Bidder/ Firm should offer one or two OEM products only for Sl. No: 1 to 6 cameras, for seamless configuration, seamless support from OEM during warranty &amp; CAMC periods. More than Two OEMs products offer shall not be accepted and bids will be rejected outrightly.</p> <p>2. Bidder signed Specifications Compliance, MII Local Content documents are not accepted, if found bid will be outrightly rejected.</p>	
7.	<p><b>Manageable switch: with 24 Nos 1G Transceiver fully loaded</b></p>	<p><b>Manageable switch:</b> <b>24 Nos 1G Transceiver fully loaded</b></p> <ul style="list-style-type: none"> <li>➤ <b>24x1G Fiber and 4 Port 1 / 10G SFP Fiber uplink Network Switch and Loaded with 24 port 1G SFP Transceiver and 4 Port with 10G SFP+ Transceiver</b></li> <li>➤ <b>Manageable Network Switch.</b></li> <li>➤ <b>Type: Enterprise Grade.</b></li> <li>➤ <b>Rack Mounting (1u OR 2u) with support side rails as required with all accessories.</b></li> <li>➤ <b>Switch capable to work 24x7x365.</b></li> <li>➤ <b>Redundant Power supply from Day one.</b></li> <li>➤ <b>With 10G DAC --4 Nos cables-5 Mtr.</b></li> <li>➤ System Memory: 4 GB, System Flash :4GB</li> <li>➤ Switching capacity should be minimum 176 Gbps or higher.</li> <li>➤ Mac Address: Minimum 32 K MAC addresses per system or higher.</li> <li>➤ No. of VLANs supported: 4000 or higher.</li> <li>➤ Routing protocols: RIPv1/v2, OSPF, BGP, IS-IS, VXLAN</li> <li>➤ Static routing, Routing policy</li> <li>➤ L3 redundancy: Virtual Router Redundancy Protocol (VRRP)</li> <li>➤ Security: Port-based VLAN-based ACL's L2-L4 ACL</li> <li>➤ DoS attack blocking</li> <li>➤ MAC address filtering</li> <li>➤ Dynamic ARP Inspection</li> <li>➤ Configurable ACLs for management traffic</li> <li>➤ VoIP VLAN support, dynamic ACL based on RADIUS attributes</li> <li>➤ Supported Extensible Authentication Protocol (EAP) types: Message Digest 5 (MD5), Transport Layer Security (TLS), Tunnelled TLS (TTLS), Protected</li> <li>➤ Extensible Authenticated Protocol (PEAP)</li> <li>➤ MAC authentication (RADIUS)</li> <li>➤ Radius functionality over IPv6 for authentication, authorization, and accounting (AAA) <ul style="list-style-type: none"> <li>• DHCPv6 snooping</li> <li>• IPv6 neighbour discovery</li> </ul> </li> </ul>



		<ul style="list-style-type: none"> <li>• IPv6 source guard</li> <li>• IPv6 RA guard</li> <li>• IPv6 Neighbour Discovery Inspection</li> <li>• MACsec 128 bit in all access ports from day 1</li> <li>➤ High Availability</li> <li>➤ <b>Redundant, hot-swappable power supply</b></li> <li>➤ <b>Switch should be provided with hardware replacement OEM warranty and ongoing software upgrades for all major and minor releases for a period of 6 year support from OEM.</b></li> <li>➤ <b>Cooling Fan : Min 1 or higher.</b></li> <li>➤ <b>Operating Temperature: -0° to +45° C</b></li> <li>➤ <b>Humidity: 10% to 90% (non-condensing)</b></li> <li>➤ <b>Accessories:</b> Including all accessories for mounting &amp; installation as supplied by OEM or recommended product.</li> <li>➤ <b>Specifications Compliance of Switch: Bidder must submit OEM signed Specifications Compliance Document.</b></li> <li>➤ <b>Certifications &amp; Standards: UL, RoHS, CE, FC, IEC, ISO etc.</b></li> <li>➤ <b>Make in India: Make in India products shall comply the Govt of India norms.</b></li> <li>➤ <b>Bidder must submit the OEM signed document for Local Content Declaration to fulfill MII guidelines</b></li> </ul>
8.	<p><b>24 Port POE+ Managed Switch: 4 SFP Ports populated with 1G trans-receivers.</b></p>	<p><b><u>24 Port POE+ Managed Switch:</u></b></p> <ul style="list-style-type: none"> <li>➤ <b>Ports: 24 Port POE+</b></li> <li>➤ <b>POE+ Budget power: 720W</b></li> <li>➤ <b>4 SFP Ports populated with 1G trans-receivers.</b></li> <li>➤ <b>Type: Enterprise Grade.</b></li> <li>➤ <b>Rack Mounting (1u OR 2u) with support side rails as required with all accessories.</b></li> <li>➤ <b>Switch capable to work 24x7x365.</b></li> <li>➤ <b>Support: L2 &amp; L3, QOS and Network security Features</b></li> <li>➤ <b>Redundant Power supply from Day one.</b></li> <li>➤ <b>Console Port: Yes</b></li> <li>➤ <b>Management Port (RJ 45), Memory: 2GB DRAM, 2GB Flash</b></li> <li>➤ <b>Switching Capacity -Non-Blocking (Gbps) Minimum 195 or higher.</b></li> <li>➤ <b>Switch should have dedicated slot/Port for modular/Virtual stacking, in addition to requested uplink ports.</b></li> <li>➤ <b>Stacking Throughput Should be more than 80 Gbps</b></li> <li>➤ <b>MAC addresses - 16,000 or better</b></li> <li>➤ <b>MACsec 128 bit in all access ports from day 1</b></li> <li>➤ <b>Max VLANs supported - 4000 or better</b></li> <li>➤ <b>Switch should be provided with hardware replacement OEM warranty and ongoing software upgrades for all major and minor releases for a period of 6 year support from OEM.</b></li> <li>➤ <b>Cooling Fan : Min 1 or higher.</b></li> <li>➤ <b>Operating Temperature: -0° to +45° C</b></li> <li>➤ <b>Humidity: 10% to 90% (non-condensing)</b></li> <li>➤ <b>Accessories:</b> Including all accessories for mounting &amp; installation as supplied by OEM or recommended product.</li> <li>➤ <b>Specifications Compliance of Switch: Bidder must submit OEM signed Specifications Compliance Document.</b></li> <li>➤ <b>Certifications &amp; Standards: UL, RoHS, CE, FCC, IEC, ISO etc.</b></li> </ul>



		<ul style="list-style-type: none"> <li>➤ <b><u>Make in India:</u></b> Make in India products shall comply the Govt of India norms.</li> <li>➤ Bidder must submit the OEM signed document for Local Content Declaration to fulfill MII guidelines.</li> </ul>
<p><b>9.</b></p>	<p><b>24 Port POE+ Managed Switch: 4 SFP Ports populated with 10G trans-receivers.</b></p>	<p><b><u>24 Port POE+ Managed Switch:</u></b></p> <ul style="list-style-type: none"> <li>➤ Ports: 24 Port POE+</li> <li>➤ POE+ Budget power: 720W</li> <li>➤ 4 SFP Ports populated with 10G trans-receivers.</li> <li>➤ Type: Enterprise Grade.</li> <li>➤ Rack Mounting (1u OR 2u) with support side rails as required with all accessories.</li> <li>➤ Switch capable to work 24x7x365.</li> <li>➤ Support: L2 &amp; L3, QOS and Network security Features</li> <li>➤ Redundant Power supply from Day one.</li> <li>➤ Console Port: Yes</li> <li>➤ Management Port (RJ 45): Yes</li> <li>➤ Memory: 2GB DRAM: 2GB Flash</li> <li>➤ Switching Capacity -Non-Blocking 195 Gbps or higher.</li> <li>➤ Switch should have dedicated slot/Port for modular/Virtual stacking, in addition to requested uplink ports.</li> <li>➤ Stacking Throughput Should be more than 80 Gbps</li> <li>➤ MAC addresses - 16,000 or better</li> <li>➤ Max VLANs supported - 4000 or better</li> <li>➤ Switch should be provided with hardware replacement OEM warranty and ongoing software upgrades for all major and minor releases for a period of 6-year support from OEM.</li> <li>➤ Cooling Fan : Min 1 or higher.</li> <li>➤ Operating Temperature: 0° to +45° C</li> <li>➤ Humidity: 10% to 90% (non-condensing)</li> <li>➤ <b><u>Accessories:</u></b> Including all accessories for mounting &amp; installation as supplied by OEM or recommended product.</li> <li>➤ <b><u>Specifications Compliance of Switch:</u></b> Bidder must submit OEM signed Specifications Compliance Document.</li> <li>➤ <b><u>Certifications &amp; Standards:</u></b> UL, RoHS, CE, FCC, IEC, ISO etc.</li> <li>➤ <b><u>Make in India:</u></b> Make in India products shall comply the Govt of India norms.</li> <li>➤ Bidder must submit the OEM signed document for Local Content Declaration to fulfill MII guidelines.</li> </ul>
<p><b>10.</b></p>	<p><b>Managed 24 Port 1G SFP Fiber Network Switches with 1G Transceivers fully populated.</b></p>	<p><b><u>Managed 24 Port 1G SFP Fiber Network Switches:</u></b></p> <ul style="list-style-type: none"> <li>➤ Type: Industrial Grade.</li> <li>➤ Minimum 4 ports with 1G SFP, 24 No's of 10/100/1000 Base Fiber Ports Interface with Redundant Power supply from Day one.</li> <li>➤ 1G Transceivers fully populated.</li> <li>➤ Rack Mounting (1u OR 2u) with support side rails as required with all accessories.</li> <li>➤ Switch capable to work 24x7x365.</li> <li>➤ All ports should have features of auto- negotiate, flow control (802.3x), port-based network access control (802.1x), port security, MAC filtering etc.</li> <li>➤ Minimum Switching capacity of 56 Gbps or more.</li> <li>➤ Switch should support minimum 8 priority queues</li> <li>➤ Switch should support minimum 512 VLANs and 4000 VLANs ID'S</li> <li>➤ Switch should have dedicated slot/Port for modular/Virtual stacking, in addition to asked uplink ports"</li> <li>➤ Switch should support 16000 MAC Addresses Should be IPv4 and IPv6 ready from day one.</li> </ul>



		<ul style="list-style-type: none"> <li>➤ Should have Support MLD and Static IGMP Groups:128</li> <li>➤ Dynamic IGMP Groups: 256.</li> <li>➤ Switch should support DHCP</li> <li>➤ Server/Relay/Client, DHCP Option 66/67/82, BootP,NTP/SNTP,</li> <li>➤ SNMPv1, v2 &amp; V3, TELNET/ SSH.</li> <li>➤ Should have console port and web-based GUI for easy management</li> <li>➤ Support for IEEE 802.3ad Link Aggregation Control Protocol (LACP).</li> <li>➤ Port Security to secure the access to a port based on the MAC address of a user's device.</li> <li>➤ Multilevel security on console access to prevent unauthorized users from altering the switch</li> <li>➤ Switch should support ITU-T G.8032 ERPS Ring, STP, RSTP, MSTP, Compatible Ring/Chain, U-Ring, MRP Client and Manager.</li> <li>➤ Port-based and 802.1Q tag-based VLANs, MAC-based VLANs, IP subnet-based VLANs, Protocol-based VLANs, also known as protected ports, with multiple uplinks, Q in Q VLAN</li> <li>➤ Switch should support L2/L3 ACL for added security.</li> <li>➤ Web/SSL, Telnet server/SSH, ping, Simple Network Time Protocol (SNTP), Trivial File Transfer Protocol (TFTP), SNMP, RADIUS, TACACS+ and syslog.</li> <li>➤ Switch should have Dual redundant power supply</li> <li>➤ Switch should support IEEE 802.1ae for MAC security (MACsec) in future if required</li> <li>➤ Switch should support Automation Profiles: Profinet</li> <li>➤ 2.33 CC-B conformance, Modbus/TCP status registers.</li> <li>➤ Precision Network Synchronization:</li> <li>➤ IEEE 1588v1 OC/BC (Software), IEEE1588v2 E2E TC (Hardware), IEEE1588v2 OC/BC (Software).</li> <li>➤ <b>Switch should be provided with hardware replacement OEM warranty and ongoing software upgrades for all major and minor releases for a period of 6-year support from OEM.</b></li> <li>➤ <b>Cooling Fan : Min 1 or higher.</b></li> <li>➤ <b>Operating Temperature: 0° to +70° C</b></li> <li>➤ <b>Humidity: 10% to 90% (non-condensing)</b></li> <li>➤ <b>Accessories:</b> Including all accessories for mounting &amp; installation as supplied by OEM or recommended product.</li> <li>➤ <b>Specifications Compliance of Switch: Bidder must submit OEM signed Specifications Compliance Document.</b></li> <li>➤ <b>Certifications &amp; Standards: UL, RoHS, CE, FCC, IEC, ISO etc.</b></li> <li>➤ <b>Make in India: Make in India products shall comply the Govt of India norms. Bidder must submit the OEM signed document for Local Content Declaration to fulfil MII guidelines.</b></li> </ul>
11.	Industrial Grade Managed Switch 8 Port POE + 4 SFP Slots.	<p><b>Managed Switch 8 Port POE + 4 SFP Slots:</b></p> <ul style="list-style-type: none"> <li>➤ <b>Type: Industrial Grade</b></li> <li>➤ <b>Interface: 8 x 10/100/1000 Base-Tx PoE+ ports &amp; 4 x 100/ 1000Base-X SFP ports with 2 ports populated.</b></li> <li>➤ <b>Rack Mounting (1u OR 2u) DIN Rail Mounting with support side rails as required with all accessories.</b></li> <li>➤ <b>Switch capable to work 24x7x365.</b></li> <li>➤ <b>IP30 or higher rated metal casing.</b></li> <li>➤ RJ-45 (RS-232) Console Port.</li> <li>➤ 2 Relay Outputs</li> <li>➤ Power: 51-57 VDC Redundant Input, Reverse Polarity</li> </ul>



		<p>Protection</p> <ul style="list-style-type: none"> <li>➤ MAC Address: 16K</li> <li>➤ Should support MAC sec Encryption for future Requirements</li> <li>➤ Switching Capacity: 24 Gbps or higher.</li> <li>➤ PoE Standard: 802.3af &amp; 802.3at with min 240W PoE budget</li> <li>➤ "Protocol Support: IPv4, IPv6, IGMP v1/v2, TFTP, IEEE 1588 PTP V2, SNMPv1/v2/v3, 802.1x, EAP, DHCP</li> <li>➤ Relay / Client, LLDP, ARP, GVRP, Syslog, RMON, LACP, NTP, Telnet, Ping6"</li> <li>➤ Redundancy Protocols: STP, RSTP, MSTP, ERPS or Equivalent for sub 50 ms Ring Failover</li> <li>➤ VLAN Support: 802.1q VLAN (256 Active VLAN, VID), Protocol based VLAN, IP Subnet Based VLAN, MAC Based VLAN IPv6 Features ready from day 1</li> <li>➤ Security: 802.1x, TACACS+, Layer 2 &amp; Layer 3 ACL ARP Spoofing Dynamic ARP Inspection, IP Source Guard, DHCP Snooping Port security MAC Filtering</li> <li>➤ Management: HTTP, HTTPS, Telnet, SSH</li> <li>➤ <b>Switch should be provided with hardware replacement OEM warranty and ongoing software upgrades for all major and minor releases for a period of 6-year support from OEM.</b></li> <li>➤ <b>Cooling Fan : Min 1 or higher or as per OEM Standard.</b></li> <li>➤ <b>Operating Temp: 0° to 70° C</b></li> <li>➤ <b>Humidity: 10% to 90% (non-condensing</b></li> <li>➤ <b>Accessories:</b> Including all accessories for mounting &amp; installation as supplied by OEM or recommended product.</li> <li>➤ <b>Specifications Compliance of Switch: Bidder must submit OEM signed Specifications Compliance Document.</b></li> <li>➤ <b>Certifications &amp; Standards: UL, RoHS, CE, FCC, IEC, ISO etc.</b></li> <li>➤ <b>Make in India: Make in India products shall comply the Govt of India norms.</b></li> <li>➤ <b>Bidder must submit the OEM signed document for Local Content Declaration to fulfil MII guidelines</b></li> </ul>
	<p><b>Note:</b>  <b>1. Bidder/ Firm should offer One or Two OEM products only for Sl. No: 7 to 11 switches, including Trans-receivers from same OEM for seamless configuration, seamless support from OEM during warranty &amp; CAMC periods. More than Two OEMs products offer shall not be accepted and bids will be rejected outrightly.</b>  <b>2. Bidder signed Specifications Compliance, MII Local Content documents are not accepted, if found bid will be rejected outrightly.</b></p>	
<p>12.</p>	<p><b>IP-55 500W x 4U x 500D Size outdoor Junction Box with Pole Mount including power accessories</b></p>	<p><b><u>Supply of IP-55 500W x 4U x 500D Size outdoor Junction Box with Pole Mount including power accessories:</u></b></p> <ul style="list-style-type: none"> <li>➤ Standards: EIA and IEC standards.</li> <li>➤ Material CRCA Sheet Steel.</li> <li>➤ Colour: RAL 7035 Pure Polyester with Zinc rich.</li> <li>➤ Rain Canopy: Rain Canopy of 50mm Height to be fixed on the Top cover. Paint Surface Finish "Nano Coated, electro-dipcoat primed to 20 microns and powder coated with textured polyester RAL 7035 to 80 to 120 microns. It uses Triple surface treatment i.e., Phosphate, electrophoretic dipcoat – priming and textured powder coating.</li> <li>➤ The coating resistant to Minerals Oils, Lubricants, machining emulsions, solvents, weak acids and alkaline.</li> <li>➤ Textured powder coating 80 – 120 microns of thickness.</li> </ul>



		<ul style="list-style-type: none"> <li>➤ Input PDU: PDU with circuit breaker, 5/6A sockets with minimum 5 outlets.</li> <li>➤ Output PDU: 5/6A sockets with minimum 5 outlets.</li> <li>➤ <b><u>With complete accessories: DIN rail, MCB, Terminal, Lugs, SS Glands, interconnections and sealant etc as per site requirements.</u></b></li> <li>➤ <b><u>Specifications Compliance of Junction Box: Bidder must submit OEM signed Specifications Compliance Document.</u></b></li> <li>➤ <b><u>Certifications &amp; Standards: UL, RoHS etc.</u></b></li> <li>➤ <b><u>Make in India: Make in India products shall comply the Govt of India norms.</u></b></li> <li>➤ <b><u>Bidder must submit the OEM signed document for Local Content Declaration to fulfil MII guidelines</u></b></li> </ul>
13.	<p><b>IP-55 600W X12UX600D Size outdoor Junction Box with Pedestal stand (600W X 600D with 1200mm Height) including concrete foundation including power accessories</b></p>	<p><b><u>IP-55 600W X12UX600D Size outdoor Junction Box with Pedestal stand (600W X 600D with 1200mm Height) including concrete foundation including power accessories:</u></b></p> <ul style="list-style-type: none"> <li>➤ Standards: EIA and IEC standards.</li> <li>➤ Material CRCA Sheet Steel.</li> <li>➤ Colour: RAL 7035 Pure Polyester with Zinc rich.</li> <li>➤ Rain Canopy: Rain Canopy of 50mm Height to be fixed on the Top cover. Paint Surface Finish "Nano Coated, electro-dipcoat primed to 20 microns and powder coated with textured polyester RAL 7035 to 80 to 120 microns. It uses Triple surface treatment i.e., Phosphate, electrophoretic dipcoat – priming and textured powder coating.</li> <li>➤ The coating resistant to Minerals Oils, Lubricants, machining emulsions, solvents, weak acids and alkaline.</li> <li>➤ Textured powder coating 80 – 120 microns of thickness.</li> <li>➤ Input PDU: PDU with circuit breaker, 5/6A sockets with minimum 5 outlets.</li> <li>➤ Output PDU: 5/6A sockets with minimum 5 outlets.</li> <li>➤ <b><u>With complete accessories: DIN rail, MCB, Terminal, Lugs, SS Glands, interconnections and sealant etc as per site requirements.</u></b></li> <li>➤ <b><u>Specifications Compliance of Junction Box: Bidder must submit OEM signed Specifications Compliance Document.</u></b></li> <li>➤ <b><u>Certifications &amp; Standards: UL, RoHS etc.</u></b></li> <li>➤ <b><u>Make in India: Make in India products shall comply the Govt of India norms.</u></b></li> <li>➤ <b><u>Bidder must submit the OEM signed document for Local Content Declaration to fulfil MII guidelines</u></b></li> </ul>
14.	<p><b>IP-55 22U Size Floor mount outdoor Junction Box with Suitable Pedestal (600W X 600D with 600mm Height) and Concrete foundation including power accessories.</b></p>	<p><b><u>IP-55 22U Size Floor mount outdoor Junction Box with Suitable Pedestal (600W X 600D with 600mm Height) and Concrete foundation including power accessories:</u></b></p> <ul style="list-style-type: none"> <li>➤ Standards: EIA and IEC standards.</li> <li>➤ Material CRCA Sheet Steel.</li> <li>➤ Colour: RAL 7035 Pure Polyester with Zinc rich.</li> <li>➤ Rain Canopy: Rain Canopy of 50mm Height to be fixed on the Top cover. Paint Surface Finish "Nano Coated, electro-dipcoat primed to 20 microns and powder coated with textured polyester RAL 7035 to 80 to 120 microns. It uses Triple surface treatment i.e., Phosphate, electrophoretic dipcoat – priming and textured powder coating.</li> <li>➤ The coating resistant to Minerals Oils, Lubricants, machining emulsions, solvents, weak acids and alkaline.</li> <li>➤ Textured powder coating 80 – 120 microns of thickness.</li> <li>➤ Input PDU: PDU with circuit breaker, 5/6A sockets with</li> </ul>



		<ul style="list-style-type: none"> <li>➤ minimum 5 outlets.</li> <li>➤ Output PDU: 5/6A sockets with minimum 5 outlets.</li> <li>➤ <b>With complete accessories: DIN rail, MCB, Terminal, Lugs, SS Glands, interconnections and sealant etc as per site requirements.</b></li> <li>➤ <b><u>Specifications Compliance of Junction Box:</u> Bidder must submit OEM signed Specifications Compliance Document.</b></li> <li>➤ <b><u>Certifications &amp; Standards:</u> UL, RoHS etc.</b></li> <li>➤ <b><u>Make in India:</u> Make in India products shall comply the Govt of India norms.</b></li> <li>➤ <b>Bidder must submit the OEM signed document for Local Content Declaration to fulfil MII guidelines.</b></li> </ul>
15.	<b>12 core-Single mode outdoor OFC cable</b>	<p><b><u>12 core-Single mode outdoor OFC cable:</u></b></p> <ul style="list-style-type: none"> <li>➤ <b>Type: 12 core Single mode.</b></li> <li>➤ <b>Application: Outdoor</b></li> <li>➤ Construction: Loose Tube Gel free, Glass yarn strength, Steel tape armour, outdoor optical Fiber cable. Outer Jacket: HDPE (High Density Polyethylene), Strength Members, E-glass (rodent protection and water blocking), Armouring: Corrugated Steel tape armouring.</li> <li>➤ Colour Code: ANSI/TIA/EIA.</li> <li>➤ Standard Compliance: ANSI/TIA/EIA IEEE 802.3z Gigabit Ethernet,</li> <li>➤ Compliance: BIS/CE/UL/ RoHS etc</li> <li>➤ <b><u>Specifications Compliance of OFC Cable:</u> Bidder must submit OEM signed Specifications Compliance Document.</b></li> <li>➤ <b><u>Make in India:</u> Make in India products shall comply the Govt of India norms.</b></li> <li>➤ <b>Bidder must submit the OEM signed document for Local Content Declaration to fulfil MII guidelines.</b></li> </ul>
16.	<b>48 core- Single mode outdoor OFC cable</b>	<p><b><u>48 core- Single mode outdoor OFC cable:</u></b></p> <ul style="list-style-type: none"> <li>➤ <b>Type: 48 core Single mode</b></li> <li>➤ <b>Application: Outdoor</b></li> <li>➤ Construction: Loose Tube Gel free, Glass yarn strength, Steel tape armour, outdoor optical Fiber cable Outer Jacket: HDPE (High Density Polyethylene), Strength members, E-glass (rodent protection and water blocking), Armouring: Corrugated Steel tape armouring.</li> <li>➤ Colour Code: ANSI/TIA/EIA.</li> <li>➤ Standard Compliance: TIA/EIA IEEE 802.3z Gigabit Ethernet,</li> <li>➤ Compliance: BIS/CE/UL/ RoHS etc</li> <li>➤ <b><u>Specifications Compliance of OFC Cable:</u> Bidder must submit OEM signed Specifications Compliance Document.</b></li> <li>➤ <b><u>Make in India:</u> Make in India products shall comply the Govt of India norms.</b></li> <li>➤ <b>Bidder must submit the OEM signed document for Local Content Declaration to fulfil MII guidelines.</b></li> </ul>
17.	<b>12 port LIU fully loaded (LC Duplex Adaptor).</b>	<p><b><u>12 port LIU fully loaded (LC Duplex Adaptor):</u></b></p> <ul style="list-style-type: none"> <li>➤ Type: Rack Mountable Patch panel 1U form, sliding, fibre termination.</li> <li>➤ 19" rack mounting.</li> <li>➤ Standard: EIA/TIA</li> <li>➤ SC-Duplex coupling. Splice tray type: Fixed type Splice tray to access pigtails available. Lock type: Lockable front door on front with push button. Easy Front Access: Sliding patch panel for easy rework and maintenance.</li> <li>➤ Compliance: BIS/CE/UL/ RoHS etc.</li> <li>➤ <b><u>Specifications Compliance of 12 port LIU fully loaded (LC Duplex Adaptor): Bidder signed</u></b></li> </ul>



		<p><b>Specifications Compliance Document.</b></p> <ul style="list-style-type: none"> <li>➤ <b>Make in India: Make in India products shall comply the Govt of India norms.</b></li> <li>➤ <b>Bidder must submit the OEM signed document for Local Content Declaration to fulfil MII guidelines.</b></li> </ul>
18.	<b>48 port LIU fully loaded (LC Duplex Adaptor)</b>	<p><b><u>48 port LIU fully loaded (LC Duplex Adaptor):</u></b></p> <ul style="list-style-type: none"> <li>➤ Type: Rack Mountable Patch panel 1U form, sliding, fibre termination. Standard: 19" rack mounting.</li> <li>➤ Standard: EIA/TIA</li> <li>➤ SC-Duplex coupling. Splice tray type: Fixed type Splice tray to access pigtailed available. Lock type: Lockable front door on front with push button. Easy Front Access: Sliding patch panel for easy rework and maintenance.</li> <li>➤ Compliance: BIS/CE/UL/ RoHS etc.</li> <li>➤ <b><u>Specifications Compliance of 48 port LIU fully loaded (LC Duplex Adaptor): Bidder signed Specifications Compliance Document.</u></b></li> <li>➤ <b>Make in India: Make in India products shall comply the Govt of India norms.</b></li> <li>➤ <b>Bidder must submit the OEM signed document for Local Content Declaration to fulfil MII guidelines.</b></li> </ul>
19.	<b>SM OFC Patch cord LC-LC</b>	<p><b><u>SM OFC Patch cord LC-LC:</u></b></p> <ul style="list-style-type: none"> <li>➤ Type: LC-LC Duplex.</li> <li>➤ Fiber Type: Single Mode.</li> <li>➤ <b>Length: 1 metre.</b></li> <li>➤ Jacket: Low Smoke Zero Halogen (LSZH).</li> <li>➤ Standard: EIA/TIA.</li> <li>➤ Compliance: BIS/CE/UL/ RoHS etc.</li> <li>➤ <b><u>Specifications Compliance of SM OFC Patch cord: Bidder signed Specifications Compliance Document.</u></b></li> <li>➤ <b>Make in India: Make in India products shall comply the Govt of India norms.</b></li> <li>➤ <b>Bidder must submit the OEM signed document for Local Content Declaration to fulfil MII guidelines.</b></li> </ul>
20.	<b>SM OFC Patch cord LC-LC</b>	<p><b><u>SM OFC Patch cord LC-LC:</u></b></p> <ul style="list-style-type: none"> <li>➤ Type: LC-LC Duplex.</li> <li>➤ Fiber Type: Single Mode.</li> <li>➤ <b>Length: 2 meters.</b></li> <li>➤ Jacket: Low Smoke Zero Halogen (LSZH).</li> <li>➤ Standard: EIA/TIA.</li> <li>➤ Compliance: BIS/CE/UL/ RoHS etc.</li> <li>➤ <b><u>Specifications Compliance of SM OFC Patch cord: Bidder signed Specifications Compliance Document.</u></b></li> <li>➤ <b>Make in India: Make in India products shall comply the Govt of India norms.</b></li> <li>➤ <b>Bidder must submit the OEM signed document for Local Content Declaration to fulfil MII guidelines.</b></li> </ul>
21.	<b>Outdoor CAT6 UTP. Comply with Cat6 specifications.</b>	<p><b><u>Outdoor CAT6 UTP. Comply with Cat6 specifications:</u></b></p> <ul style="list-style-type: none"> <li>➤ 4-pair unshielded twisted pair (UTP) cable. Cable</li> <li>➤ Insulation Material: Armoured</li> <li>➤ Sheath: FRLS-PVC.</li> <li>➤ Min Length: 305 metres.</li> <li>➤ Comply with EIA/TIA standards.</li> <li>➤ Compliance: BIS/CE/UL/ RoHS etc.</li> <li>➤ <b><u>Specifications Compliance of Outdoor CAT6 UTP: Bidder must submit OEM signed Specifications Compliance Document.</u></b></li> <li>➤ <b>Make in India: Make in India products shall comply the Govt of India norms.</b></li> <li>➤ <b>Bidder must submit the OEM signed document for Local Content Declaration to fulfil MII guidelines.</b></li> </ul>



22.	<b>Indoor CAT6 UTP. Comply with Cat6 specifications</b>	<p><b><u>Indoor CAT6 UTP. Comply with Cat6 specifications:</u></b></p> <ul style="list-style-type: none"> <li>➤ 4-pair unshielded twisted pair (UTP) cable. Cable</li> <li>➤ Sheath: FRLS-PVC.</li> <li>➤ Min Length: 305 metres.</li> <li>➤ Comply with EIA/TIA standards.</li> <li>➤ Compliance: BIS/CE/UL/ RoHS etc.</li> <li>➤ <b><u>Specifications Compliance of UTP Cable: Bidder must submit OEM signed Specifications Compliance Document.</u></b></li> <li>➤ <b>Make in India: Make in India products shall comply the Govt of India norms.</b></li> <li>➤ <b>Bidder must submit the OEM signed document for Local Content Declaration to fulfil MII guidelines.</b></li> </ul>
23.	<b>FRLS Armoured 3 Core 2.5 Sqm Power cable.</b>	<p><b><u>FRLS Armoured 3 Core 2.5 Sqm Power cable:</u></b></p> <ul style="list-style-type: none"> <li>➤ Type of Cable:3 core Copper cable. Voltage class: 1100 VAC grade.</li> <li>➤ Standard: IS.</li> <li>➤ Conductor: Material Multi-stranded Electrolytic annealed bare copper as per conductor class 2.</li> <li>➤ Material: PVC type C. FRLS PVC.</li> <li>➤ Marking on outer sheath by embossing/printing: Make, Year of Manufacture, Voltage grade and Size of cable. Length marking: At every interval of 1 meter.</li> <li>➤ Compliance: BIS/CE/UL/ RoHS etc.</li> <li>➤ <b><u>Specifications Compliance of Power Cable: Bidder must submit OEM signed Specifications Compliance Document.</u></b></li> <li>➤ <b>Make in India: Make in India products shall comply the Govt of India norms.</b></li> <li>➤ <b>Bidder must submit the OEM signed document for Local Content Declaration to fulfil MII guidelines.</b></li> </ul>
24.	<b>FRLS Armoured 3 Core 4 Sqm Power cable</b>	<p><b><u>FRLS Armoured 3 Core 4 Sqm Power cable:</u></b></p> <ul style="list-style-type: none"> <li>➤ Type of Cable:3 core Copper cable. Voltage class: 1100 VAC grade. Applicable standard: IS. Conductor: Material Multi-stranded Electrolytic annealed bare copper as per conductor class 2.</li> <li>➤ Material: PVC type C. FRLS PVC.</li> <li>➤ Marking on outer sheath by embossing/printing: Make, Year of Manufacture, Voltage grade and Size of cable. Length marking: At every interval of 1 meter.</li> <li>➤ Compliance: BIS/CE/UL/ RoHS etc.</li> <li>➤ <b><u>Specifications Compliance of Power Cable: Bidder must submit OEM signed Specifications Compliance Document.</u></b></li> <li>➤ <b>Make in India: Make in India products shall comply the Govt of India norms.</b></li> <li>➤ <b>Bidder must submit the OEM signed document for Local Content Declaration to fulfil MII guidelines.</b></li> </ul>
25.	<b>2 meters Galvanised Pole.</b>	<p><b><u>2 meters Galvanised Pole:</u></b></p> <ul style="list-style-type: none"> <li>➤ Pole Type: Round</li> <li>➤ Thickness: 3mm.</li> <li>➤ Size of Base Plate: 240x240mm X 16 mm</li> <li>➤ <b>Foundation Bolts:</b> M16 X 600mm long with Two Nut and 2 Plain washer – 4 Sets</li> <li>➤ Size of Door opening the Base Section 100 x 400mm</li> <li>➤ Thickness of Galvanization (mm): Minimum Average 70 Microns</li> <li>➤ Size: 150 mm Dia. Tubular.</li> <li>➤ Standard ISI, Class B</li> <li>➤ <b><u>Specifications Compliance of Galvanised Pole: Bidder must submit signed Specifications Compliance Document.</u></b></li> </ul>
26.	<b>3 meters Galvanised Pole</b>	<p><b><u>3 meters Galvanised Pole:</u></b></p>



		<ul style="list-style-type: none"> <li>➤ Pole Type: Round</li> <li>➤ Thickness: 3mm.</li> <li>➤ Size of Base Plate: 240x240mm X 16 mm</li> <li>➤ <b>Foundation Bolts:</b> M16 X 600mm long with Two Nut and 2 Plain washer – 4 Sets</li> <li>➤ Size of Door opening the Base Section 100 x 400mm</li> <li>➤ Thickness of Galvanization (mm): Minimum Average 70 Microns</li> <li>➤ Size: 150 mm Dia. Tubular</li> <li>➤ Standard ISI, Class B.</li> <li>➤ <b><u>Specifications Compliance of Galvanised Pole: Bidder must submit signed Specifications Compliance Document.</u></b></li> </ul>
27.	<b>5 meters Galvanised Pole:</b>	<p><b><u>5 meters Galvanised Pole:</u></b></p> <ul style="list-style-type: none"> <li>➤ Pole Type: Round</li> <li>➤ Thickness: 4 mm.</li> <li>➤ Size of Base Plate: 240x240mm X 16 mm</li> <li>➤ <b>Foundation Bolts:</b> M24 X 700mm long with Two Nut and 2 Plain washer – 4 Sets</li> <li>➤ Size of Door opening the Base Section 100 x 400mm</li> <li>➤ Thickness of Galvanization (mm): Minimum Average 70 Microns</li> <li>➤ Size: 150 mm Dia.</li> <li>➤ <b>The pole should be provided lightning arrester with ground and power earthing.</b></li> <li>➤ Pole Lightning arrester, Insulator, Power surge protector.</li> <li>➤ Minimum 2 Meter length GI copper coated strip.</li> <li>➤ Chemical earthing should be provided for maintaining the resistivity of the soil.</li> <li>➤ Copper wire should be connected Lightning arrester – Chemical earth pit.</li> <li>➤ Lightening arrester work shall be done as per standard.</li> <li>➤ Standard ISI, Class B</li> <li>➤ <b><u>Specifications Compliance of Galvanised Pole: Bidder must submit signed Specifications Compliance Document.</u></b></li> </ul>
28.	<b>25mm Heavy Duty Electrical PVC Pipe</b>	<p><b><u>25mm Heavy Duty Electrical PVC Pipe:</u></b></p> <ul style="list-style-type: none"> <li>➤ Standard: BIS /ISI.</li> <li>➤ <b><u>Specifications Compliance of Electrical PVC Pipe: Bidder must submit signed Specifications Compliance Document.</u></b></li> </ul>
29.	<b>4-inch Diameter Galvanised Pipe</b>	<p><b><u>4-inch Diameter Galvanised Pipe:</u></b></p> <ul style="list-style-type: none"> <li>➤ <b>Diameter: 4 inches.</b></li> <li>➤ Standard ISI, Class B.</li> <li>➤ <b><u>Specifications Compliance of Galvanised Pipe: Bidder must submit signed Specifications Compliance Document.</u></b></li> </ul>
30.	<b>HDPE 50 mm pipe</b>	<p><b><u>HDPE 50 mm pipe:</u></b></p> <ul style="list-style-type: none"> <li>➤ Diameter: 50 mm.</li> <li>➤ Pressure rating: PN-6.</li> <li>➤ Shape: Round. Internal and external surface of the pipes shall be smooth, clean and free from groove and other defects.</li> <li>➤ Compliance: BIS / ISI etc Standard.</li> <li>➤ <b><u>Specifications Compliance of HDPE pipe: Bidder must submit signed Specifications Compliance Document.</u></b></li> </ul>
31.	<b>Rack Mount 1KVA Online UPS with 30 Minutes Backup with Accessories.</b>	<p><b><u>Rack mount 1KVA Online UPS with 30 Minutes Backup with Accessories:</u></b></p> <ul style="list-style-type: none"> <li>➤ <b>Rating: 1 KVA</b></li> <li>➤ <b>Online UPS</b></li> <li>➤ <b>Usage: Out Door Purpose</b></li> <li>➤ <b>Type: Rack mountable (1U/ 2U Form) with complete</b></li> </ul>



		<p>accessories.</p> <ul style="list-style-type: none"> <li>➤ <b>Backup: Min. 30 Minutes or higher.</b></li> <li>➤ Input voltage: 220 VAC.</li> <li>➤ Input Frequency: 50 Hz</li> <li>➤ Battery Mode Output: 220VAC</li> <li>➤ Battery Output Frequency: 50Hz</li> <li>➤ Wave form: Sinewave.</li> <li>➤ Rated power: 1000VA/1000W</li> <li>➤ Battery Type: SMF Inbuilt</li> <li>➤ Operating Temperature: -0° to +60° C or higher.</li> <li>➤ LCD Indicator for: AC mode, Load level, Battery level, Battery mode and Bypass mode etc.</li> <li>➤ Alarms for: Fault, Battery Mode, Overload, Battery low etc.</li> <li>➤ Accessories: with all required accessories.</li> <li>➤ <b><u>Connectivity for Management: through USB or RJ-45, SNMP and Web Browser with required accessories for connectivity for monitoring through network. Bidder should make connectivity for Monitoring the status of UPSs from control room/ DC through installed switches and network.</u></b></li> <li>➤ <b>Ventilation: In-Built Fans.</b></li> <li>➤ <b>Certifications: BIS, EMC, CE, UL, RoHS IEC etc.</b></li> <li>➤ <b><u>Specifications Compliance of UPS: Bidder must submit OEM signed Specifications Compliance Document.</u></b></li> <li>➤ <b>Make in India: Make in India products shall comply the Govt of India norms.</b></li> <li>➤ <b>Bidder must submit the OEM signed document for Local Content Declaration to fulfil MII guidelines.</b></li> </ul>
32.	<b>Network Monitoring Solution (NMS)</b>	<ul style="list-style-type: none"> <li>➤ The Proposed Solution Should have NMS Monitoring for 300 IP Nodes and it should support Configuration management for 300 nodes, The Solution Should have AIOps and Ticket management features for helpdesk operations for 2 concurrent users from day 1.</li> <li>➤ The solution should have scalability up to 750 nodes or higher.</li> <li>➤ The solution should be capable of running in Linux platform on both physical machine (Generic) &amp; VM and should be 64-bit application to fully utilize the server resources on which it is installed.</li> <li>➤ The solution to be installed in existing HCI infrastructure. Required sizing to be provided.</li> <li>➤ It should have perpetual license to support High Availability (Active-Passive) with single License/Instance. If separate license required for enabling HA then the same shall be provided without any cost to AAI.</li> <li>➤ The solution is web based on GUI i.e browser and platform independent, accessible through latest versions of various web browsers on multiple platforms.</li> <li>➤ The proposed NMS/EMS solution must comply with the following standards: CIS certification, ISO 27034-1 for application security, ISO 27001:2022 for information security management, GDPR for data privacy, and SOC 2 Type 2 for service organization controls. This ensures robust security, regulatory compliance, and comprehensive data protection across all managed network operations. Valid supporting documents must be submitted with the bid.</li> </ul>



		<ul style="list-style-type: none"> <li>➤ The proposed solution must be a natively unified observability platform, architected from the ground up to seamlessly integrate full-stack monitoring, log analytics, application performance monitoring (APM), flow analytics, compliance tracking, net route tracing, and telemetry correlation within a single cohesive system without requiring any third-party plugins, tool-switching, or modular bolt-ons.</li> <li>➤ The system must not use any open-source third-party relational or time-series databases for reporting data. It should use a native, proprietary-built reporting database for high-speed, high-volume observability workloads and security constrains.</li> <li>➤ The solution must offer interactive end-to-end network path mapping with hop-by-hop performance analysis, threshold-based alerting, and historical trend insights. It should correlate node-level metrics with service impact, enrich paths with metadata (e.g., ISP info, geo/IP), and support policy enforcement with contextual visualizations.</li> <li>➤ The proposed solution should offer a wide variety of intuitive widget visualizations to represent telemetry data effectively, including: Line Chart, Area Chart, Stacked Bar, Horizontal Bar, Vertical Bar, Pie, Donut, Top-N, Grid/Table, Sparkline, Tree map, Sankey, Bubble, Heatmap, Geo-Map, and Gauge. The proposed solution should be aligned with ITIL v4 with minimum 12 practices. (a documentary proof of the same should be provided at the time of bidding).</li> <li>➤ The proposed NMS solution must provide agentless as well as agent-based monitoring for server infrastructure. The agents should be able to set polling interval as low as 1 second with low overhead on target server infrastructure.</li> <li>➤ Helpdesk/Service Desk Management</li> <li>➤ The proposed solution should be aligned with ITIL framework principles and certified with ITIL4 with minimum 12 practices like Monitoring &amp; Event Management, Incident Management, Service Request Management, Problem Management, Service Level Management, Capacity &amp; Performance Management, Availability Management, Change Enablement, Release Management, Knowledge Management, Measurement &amp; Reporting Management, IT Asset Management. (a documentary proof of the same should be provided at the time of bidding).</li> <li>➤ The Orchestrator should provide a visual workflow designer, enabling users to create, modify, and manage automated workflows without requiring deep coding knowledge.</li> <li>➤ The proposed solution should support the use of dynamic expressions within workflow flow logic and actions, enabling runtime evaluations, conditional branching, and on-the-fly data transformations based on contextual parameters.</li> <li>➤ The proposed solution should allow referencing of field values from preceding steps or related records within workflows, facilitating seamless data propagation and manipulation across multi-stage processes.</li> </ul>
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		<ul style="list-style-type: none"> <li>➤ The proposed solution should be able to configure email alerts using SMTP Server and SMS alerts through SMS Server.</li> <li>➤ The proposed solution should include an Orchestrator that automates and orchestrates workflows across multiple ITSM processes, including incident management, change management, problem management, and service request management, ensuring seamless process execution and reducing manual intervention.</li> <li>➤ During Warranty and CAMC period solution should support with OS upgrades, Software upgrades, Security patches, bug fixes, etc. without any extra cost to the AAI.</li> <li>➤ Specification mentioned in this document are minimum. Vendor may quote products/solution having better specifications.</li> <li>➤ The proposed solution to follow latest cyber and information security guidelines issued by the Govt. agencies</li> <li>➤ The OEM of the proposed solution should have been deployed in min. 5 projects in Government/PSU segment in India. The documentary proof should be submitted at time of the bid submission.</li> <li>➤ Make in India: Make in India products shall comply the Govt of India norms.</li> <li>➤ Bidder must submit the OEM signed document for Local Content Declaration to fulfil MII guidelines.</li> </ul>
<b><u>Installations Details of SH-I Items:</u></b>		
<b>33.</b>	<b>Installation of Cameras SI.1 to 6:</b>	Installation of Cameras SI.1 to 6 on ceiling, false ceiling, wall, Pillar, Pole as per site requirement. 850 Nos new cameras shall be installed with new mounts (ceiling, false ceiling, wall, Pillar, Pole) and required accessories as required.
<b>34.</b>	<b>Installation of Cameras SI.1 to 6:</b>	Installation of Cameras SI.1 to 6 on ceiling, false ceiling, wall, Pillar, Pole as per site requirement. 1000 Nos New cameras shall be installed by removing existing cameras, new cameras to be installed in existing mounts (ceiling, false ceiling, wall, Pillar, Pole). If any modifications to be done same has to be done by the contractor. Removed cameras and adaptors to be handed over to AAI. During modifications of existing mounts, if any painting etc. required to make good aesthetic, same to be done.
<b>35.</b>	<b>Installation, Configuration of Network Switches</b>	Installation, Configuration of Network Switches SI.Nos.7 to11 on rack/pole as per site requirement. All the switches should be configured robust as required VLANs, Routing etc. Switches should be configured, as per AAI requirements and high-level protocols, policies by the engineers to prevent easy access from any levels.
<b>36.</b>	<b>Installation of 4U Out Door Pole Mount Junction Box:</b>	Installation of 4U Out Door Pole Mount Junction Box including fixing of LIU/splicing as required.
<b>37.</b>	<b>Installation of 12U/22U Out Door Floor Mount Junction Box SI.Nos.13 &amp; 14;</b>	Installation of 12U/22U Out Door Floor Mount Junction Box SI.Nos.13 & 14 as per Site Requirement including fixing of LIU/splicing, Concrete (RCC) Foundation 1000x1000x500. PCC 1000x1000x100 as per site requirement foundation work should carry out.
<b>38.</b>	<b>Laying of OFC Cable/Out Door/In Door Cat 6 UTP Cable/Armoured;</b>	Laying of OFC Cable/Out Door/In Door Cat 6 UTP Cable/Armoured 3 Core 2.5 Sq.mm/4 Sq.mm Power cable through HDPE Pipe/wall/ Surface/ Ceiling/soft soil as per site requirement. Cable laying carried out as per laying



		standard.
39.	<b>Installation of 2Mtr/3Mtr Galvanised Pole SI.Nos.25 to 26 as per Site Requirement</b>	Installation of 2Mtr/3Mtr Galvanised Pole SI.Nos.25 to 26 as per Site Requirement including Concrete Foundation (RCC) 300x300x900. Bed: 800x800x250 PCC 800x800x100 as per site requirement foundation work to should carry out.
40.	<b>Installation of 5Mtr Galvanised Pole SI.No.27 as per Site Requirement.</b>	Installation of 5Mtr Galvanised Pole SI.No.27 as per Site Requirement including Concrete Foundation (RCC) 400x400x1200. Bed: 1000x1000x300 PCC 1000x1000x100 as per site requirement foundation work should carry out.
41.	<b>Laying of 25mm Heavy duty Electrical PVC pipe;</b>	Laying of 25mm Heavy duty Electrical PVC pipe on wall/ceiling/pole as per site requirement with standard.
42.	<b>Laying of 50mm HDPE pipe on wall/ceiling/pole as per site requirements;</b>	Laying of 50mm HDPE pipe on wall/ceiling/pole as per site requirement including bend, connector and all accessories. As per site requirements bends, connectors must be used and on wall as per standard fixing to be done with proper clamping with minimum intervals.
43.	<b>Laying of 4-inch Diameter Galvanised Pipe including by road cutting;</b>	Laying of 4-inch Diameter Galvanised Pipe including by road cutting(300x400), refilling and surfacing with concrete as per specifications. Making surface as good as earlier.
44.	<b>Earth work Excavation of soft soil/ hard soil;</b>	Earth work Excavation of soft soil/ hard soil for cable/HDPE/OFC/Power Cable laying. (300 x 600)
45.	<b>Testing, Training, Documentation and Commissioning.</b>	Testing, Training, Documentation and Commissioning of the entire SCCTV System with all accessories as per site requirement. Trainings shall be carried out as mentioned in Scope of Work.

**Bidder / Firm should offer best in industry renowned brands products with accessories. To meet system requirements for smooth operation of the installed entire system 24x7x365 for more than 6 years' period.**

All the queries related to this bid, shall be requested through GeM portal only. Requested through other modes (mails/ letters/ office visits) will not be entertained.



**SECTION-VI**  
**MAKE / MODEL OFFERED**

Sl. No	Description of Items	MAKE	MODEL
1.	2MP or Higher PTZ IP Cameras.		
2.	2MP PTZ IP Fibre in /out Cameras.		
3.	2MP IP Bullet cameras;		
4.	2MP IP Fixed Dome Cameras:		
5.	5MP IP Bullet cameras for ANPR (To work with third party ANPR Software)		
6.	5MP IP Dome cameras for Face recognition (Camera should work with any make AI Based FR Software)		
7.	Manageable switch: with 24 Nos 1G Transceiver fully loaded		
8.	24 Port POE+ Managed Switch: 4 SFP Ports populated with 1G trans-receivers.		
9.	24 Port POE+ Managed Switch: 4 SFP Ports populated with 10G trans-receivers.		
10.	Managed 24 Port 1G SFP Fiber Network Switches		
11.	Industrial Grade Managed Switch: 8 Port POE + 4 SFP Slots		
12.	IP-55 500W x 4U x 500D Size outdoor Junction Box with Pole Mount including power accessories		
13.	IP-55 600W X12UX600D Size outdoor Junction Box with Pedestal stand (600W X 600D with 1200mm Height) including concrete foundation including power accessories		
14.	IP-55 22U Size Floor mount outdoor Junction Box with Suitable Pedestal (600W X 600D with 600mm Height) and Concrete foundation including power accessories.		
15.	12 core-Single mode outdoor OFC cable		
16.	48 core- Single mode outdoor OFC cable		
17.	12 port LIU fully loaded (LC Duplex Adaptor).		
18.	48 port LIU fully loaded (LC Duplex Adaptor)		
19.	SM OFC Patch cord LC-LC -1 Mtr.		
20.	SM OFC Patch cord LC-LC- 2 Mtr.		
21.	Outdoor CAT6 UTP. Comply with Cat6 specifications.		
22.	Indoor CAT6 UTP. Comply with Cat6 specifications		
23.	FRLS Armored 3 Core 2.5 Sqm Power cable.		
24.	FRLS Armored 3 Core 4 Sqm Power cable		
25.	2 meters Galvanized Pole.		
26.	3 meters Galvanized Pole		
27.	5 meters Galvanized Pole:		
28.	25mm Heavy Duty Electrical PVC Pipe		
29.	4-inch Diameter Galvanized Pipe		
30.	HDPE 50 mm HDPE pipe		
31.	Rack mount 1KVA Online UPS with 30 Minutes Backup with Accessories.		
32.	Network Monitoring Solution (NMS)		

**NOTE:**

1. Make/ Model to be submitted for all Items. (Mentioning MII / Standard / Reputed make not accepted).
2. Bid will be rejected summarily for non-submission / partial submission of Make/ Model
3. Firm should ensure the availability of the products for completing SITC work intime.

Signature of Bidder with seal



4. Offered Make & Model items only to be supplied, Make & Model change is not acceptable at any stage.

**SECTION-VII.**

**Documents submission Details & Check List.**

Sl No.	Details of Documents to be submitted	Submitted YES/No
1	<b>Integrity Pact Performa - Annexure I (All pages signed by the Authorized signatory and seal)</b>	
2	EMD Details / MSME Details	
3	<b>OEM Authorizations / MAF's (Manufacturer Authorization Form) for Cameras, Switches, UPS. (MAF validity shall be Warranty +CAMC period.)</b>	
4	<b>Proof of Experience of Works with completion certificates and TDS Certificates as applicable.</b>	
5	Latest 3 years Balance Sheet as of <b>31.03.2025</b> , Copy of Abridged Balance Sheet along with Profit and Loss Account Statement of the Bidder duly certified by a Chartered Accountant with UDIN.	
6	PAN & GST Registration Copies.	
7	Unconditional Acceptance Letter - Annexure II.	
8	Power of Attorney - Annexure III	
9	Firm Registration / Incorporation Certificate Copy.	
10	Firm's Details – Annexure V	
11	Firm's Bank Details – Annexure VI	
12	Declaration of Not Black-Listed/Debarred Firm – Annexure VII	
13	Undertaking for GST – Annexure VIII	
<b>Sl. No: 3 to 13 Documents should be attested by the Notary and attested documents submission is Mandatory.</b>		
14	Environment Management System – Annexure -IX	
15	<b>Make &amp; Model – Ref: Section: VI</b>	
16	<b>Offered Make Model Items Specifications Compliance from respective OEMs for Cameras, Switches, UPS.</b>	
17	<b>Offered Make Model Items, Certifications as requested in Detailed Specifications – Section-V. STQC Certification for offered cameras.</b>	
18	<b>Technical / Specifications Data Sheets (as provided by OEM) for offered items as per schedule of Quantity / BOQ.</b>	
19	<b>Support and Availability of spares for Cameras, Switches minimum Eight (8) Years and UPS for Five (5) years. Certifications from respective OEMs on letter head</b>	
20	<b>Make In India (MII) Local Content Declaration documents from OEMs for Quoted Items as requested in Detailed Specifications. Ref: Section-V.</b>	
21	Bidder Firm must have valid ISO 9001:2015.	
22	Furnish an undertaking in respect of its compliance with Rule 144 (xi) of GFR 2017 i.e., restrictions on procurement from a bidder of a country which shares a land border with India, with authorized signatory.	
23	Operational Maintenance during Warranty Period and Comprehensive Annual Maintenance Contract (CAMC)-Compliance Statement- Section-IV.	
24	Signed Notice Inviting Tender Document and GeM Bid Document with Authorized signatory and seal.	
<b>Sl. No: 14 to 24 Documents should be on OEMs and Firm letter head with Authorized signature and seal as applicable as requested.</b>		

**Note:**

1. Bidder signed Specifications Compliance, MII Local Content documents are not accepted, if found bid will be outrightly rejected.
2. AAI reserve the right to verify the credential submitted by the Firms at any stage (during Bid Process or post bid process). At any stage, any information / documents submitted by the firm is found to be incorrect / false or have some discrepancy which disqualifies the firm then AAI shall take the following actions: Firm should be liable for debarment from tendering in AAI, apart from any other appropriate contractual / legal action.

Signature of Bidder with seal



**ANNEXURE -I**

**PRE-CONTRACT INTEGRITY PACT**

This Pact made this ..... day of ..... between Airports Authority of India, a body corporate constituted by the Central Government under the Airports Authority of India Act,1994 and having its Corporate Office at Rajiv Gandhi Bhawan, New Delhi, and offices at.....in India, hereinafter called the Authority (which term should unless excluded by or is repugnant to the context, be deemed to include its Chairman, or Member, Executive Directors, Airport Directors, officers. or any of them specified by the Chairman in this behalf, and should also include its successors and assigns) of the one part

AND

..... represented by ..... of the other part, hereinafter called the "Bidder "(which term should unless excluded by or is repugnant to the context be deemed to include its heirs, representatives, successors and assigns of the Bidder)

WHEREAS the Authority intends to award, under laid down organizational procedures, tender/ contract for "**SITC of Cameras with Networking, Replacement of Existing Cameras and Allied works for SCCTV System with Three years Onsite warranty and Three years CAMC with spares at Chennai Airport**". The Authority, while discharging its functions on business principles, values proper compliance with all relevant laws and regulations, and the principles of natural justice, ethics, equity, fairness and transparency in its relations with the Bidders/ Contractors.

WHEREAS the Authority is desirous to make its business mechanism more transparent, thus to ensure strict adherence of the aforesaid objectives/goals, the Authority hereby adopts the instrument developed by the renowned international non-governmental organization " Transparency International" ( T I ) headquartered in Berlin ( Germany ).The Authority will appoint an Independent External Monitor ( IEM ) who will monitor the tender process and the execution of the contract for compliance with the principles mentioned above.

AND WHEREAS the Bidder is submitting a tender to the Authority for "**SITC of Cameras with Networking, Replacement of Existing Cameras and Allied works for SCCTV System with Three years Onsite warranty and Three years CAMC with spares at Chennai Airport**" in response to the NIT (Notice Inviting Tender) Date: ..... Contractor is signing the contract for execution of ..... NOW, therefore,

To avoid all forms of corruption by following a system that is fair, transparent and free from any influence/prejudiced dealings prior to, during and subsequent to the currency of the contract to be entered into with a view to

Enabling the Authority to obtain the desired said stores/equipment/execution of works at a competitive price in conformity with the defined specifications by avoiding the high cost and the distortionary impact of corruption on public procurement, and

Enabling Authority to abstain from bribing or indulging in any corrupt practice in order to secure the contract by providing assurance to them that their competitors will also abstain from bribing and other corrupt practices and the Authority will commit to prevent corruption, in any form, by its officials by following transparent procedures.

Signature of Bidder with seal



The parties hereto hereby agree to enter into this Integrity Pact and agree as follows:

1. Commitments of the Authority
  - 1.1 The Authority undertakes that no official of the Authority, connected directly or indirectly with the contract, will demand, take a promise for or accept, directly or through intermediaries, any bribe, consideration, gift, reward, favour or any material or immaterial benefit or any other advantage from the BIDDER, either for themselves or for any person, organization or third party related to the contract in exchange for an advantage in the bidding process, bid evaluation, contracting or implementation process related to the contract.
  - 1.2 The Authority will, during the pre-contact stage, treat all BIDDERS alike, and will provide to all BIDDERS the same information and will not provide any such information to any particular BIDDER which could afford an advantage to that particular BIDDER in comparison to other BIDDERS.
  - 1.3 All the officials of the Authority will report to the appropriate authority office any attempted or completed breaches of the above commitments as well as any substantial suspicion of such a breach.
2. In case any such preceding misconduct on the part of such official(s) is reported by the BIDDER to the Authority with full and verifiable facts and the same is prima facie found to be correct by the Authority, necessary disciplinary proceedings, or any other action as deemed fit, including criminal proceedings may be initiated by the Authority and such a person shall be debarred from further dealings related to the contract process. In such a case while an enquiry is being conducted by the Authority the proceedings under the contract would not be stalled.
3. **Commitments of Bidders:** The Bidder commits itself to take all measures necessary to prevent corrupt practice, unfair means and illegal activities during any stage of its bid or during any pre-contract or post-contract stage in order to secure the contract or in furtherance to secure it and in particular commit itself to the following: -
  - 3.1 The Bidder will not offer, directly or through intermediaries, any bribe, gift, consideration, reward, favour, any material or immaterial benefit or other advantage, commission, fees, brokerage or inducement to any official of the Authority, connected directly or indirectly with the bidding process, or to any person, organization or third party related to the contract in exchange for any advantage in the bidding, evaluation, contracting and implementation of the contract.
  - 3.2 The Bidder further undertakes
    - (i) That it has not given, offered or promised to give, directly or indirectly any bribe, gift, consideration, reward, favour, any material or immaterial benefit or other advantage, commission, fees, brokerage or inducement to any official of the Authority or otherwise in procuring the Contract or forbearing to do or having done any act in relation to the obtaining or execution of the contract or any other contract with the Authority for showing or forbearing to show favour or disfavour to any person in relation to the contract or any other contract with the Authority.
    - (ii) That it has not entered and will not enter with other bidders into any undisclosed agreement or understanding, whether formal or informal. This

Signature of Bidder with seal



- applies in particular to prices, specification, certifications, subsidiary contracts, submission or non-submission of bids or any actions to restrict competitiveness or to introduce cartelization in the bidding process.
- 3.3 The Bidder shall, when presenting his bid, disclose the name and address of agents and representatives and Indian BIDDERS should disclose their foreign principals or associates.
- 3.4 The Bidder shall when presenting his bid disclose any and all the payments he has made or, is committed to or intends to make to agents/brokers or any other intermediary, in connection with this bid/contract.
- 3.5 The Bidder further confirms and declares to the Authority that the BIDDER is the original manufacturer/integrator/ authorized government sponsored export entity of the stores and has not engaged any individual or firm or company whether Indian or foreign to intercede, facilitate or in any way to recommend to the Authority or any of its functionaries, whether officially or unofficially to the award of the contract to the BIDDER, nor has any amount been paid, promised or intended to be paid to any such individual, firm or company in respect of any such intercession, facilitation or recommendation.
- 3.6 The Bidder, either while presenting the bid or during pre-contract negotiations or before signing the contract, shall disclose any payments he has made, is committed to or intends to make to officials of the Authority or their family members, agents, brokers or any other intermediaries in connection with the contract and the details of services agreed upon for such payments.
- 3.7 The Bidder will not collude with other parties interested in the contract to impair the transparency, fairness and progress of the bidding process, bid evaluation, contracting and implementation of the contract.
- 3.8 The Bidder will not accept any advantage in exchange for any corrupt practice, unfair means and illegal activities.
- 3.9 The Bidder should not use improperly, for purposes of competition or personal gain, or pass on to others, any information provided by the Authority as part of the business relationship, regarding plans, technical proposals and business details, including information contained in any electronic data carrier. The Bidder also undertakes to exercise due and adequate care lest any such information is divulged.
- 3.10 The Bidder will inform to the Independent External Monitor, if
- (i) He receives demand for an illegal/undue payment/benefit.
  - (ii) He comes to know of any unethical or illegal payment/benefit.
  - (iii) He makes any payment to any Authority's associate(s)
- 3.11 The Bidder commits to refrain from giving any complaint directly or through any other manner without supporting it with full and verifiable facts.
- 3.12 The Bidder should not instigate or cause to instigate any third person to commit any of the actions mentioned above.
- 3.13 If the Bidder or any employee of the Bidder or any person acting on behalf of the Bidder, either directly or indirectly, is a relative of any of the officers of the Authority, or alternatively, if any relative of an officer of the Authority has financial interest/stake in the Bidder's/Contractor's firm, the same should be disclosed by the Bidder at the time filing of tender. The term 'relative' for this

M. P. Ramesh



purpose would be as defined in Section 6 of the Companies Act 1956.

- 3.14 The Bidder shall not lend to or borrow any money from or enter into any monetary dealings or transactions, directly or indirectly, with any employee of the Authority.
- 3.15 That if the Bidder, during tender process or before the award of the contract or during execution of the contract/work has committed a transgression in violation of section 2 or in any other form such as to put his reliability or credibility as Bidder/Contractor into question, the Authority is entitled to disqualify him from the tender process or to terminate the contract for such reason and to debar the BIDDER from participating in future bidding processes.
4. Previous Transgression
- 4.1 The Bidder declares that no previous transgression occurred in the last three years immediately before signing of this Integrity Pact, with any other company in any country in respect of any corrupt practices envisaged hereunder or with any Public Sector Enterprise in India or any Government Department in India that could justify Bidder's exclusion from the tender process.
- 4.2 The Bidder agrees that if it makes incorrect statement on this subject, he can be disqualified from the tender process or the contract, if already awarded, can be terminated for such reason and he may be considered for debarment for future tender/contract processes.
- 4.3 That the Bidder undertakes to get this Pact signed by the sub- contractor(s) and associate(s) whose value of the work contribution exceeds Rs 0.5 Crores (Rupees zero point five Crores) and to submit the same to the Authority along-with the tender document/ contract before contract signing.
- 4.4 That sub-contractor(s)/ associate(s) engaged by the Contractor, with the approval of the Authority after signing of the contract, and whose value of the work contribution exceeds Rs 0.5 Crores (Rupees Zero point five Crores) will be required to sign this Pact by the Contractor, and the same will be submitted to the Authority before doing/ performing any act/ function by such sub-contractor(s)/ associate(s) in relation to the contract/ work.
- 4.5 That the Authority will disqualify from the tender process all Bidder(s) who do not sign this Pact or violate its provisions or fails to get this Pact signed in terms of section 4.3 or 4.4 above.
- 4.6 That if the Contractor(s) does/ do not sign this Pact or violate its provisions or fails to get this Pact signed in terms of Section 4.3 or 4.4 above. Authority will terminate the contract and initiate appropriate action against such Contractor(s).
5. Earnest Money, Security Deposit, Bank guarantee, Draft, Pay order or any other mode and its validity i/c Warranty Period, Performance / Security guarantee/Bond.

While submitting bid, the BIDDER should deposit an EMD/SD/BG/DRAFT/PAY ORDER ETC I/C WARRANTY PERIOD, PG/BOND, VALIDITY ETC, which is as per terms and conditions and details given in NIT / tender documents sold to the Bidders.

Signature of Bidder with seal



6. Sanctions for Violations/ Disqualification from tender process and exclusion from future Contracts.
- 6.1 Any breach of the aforesaid provisions by the BIDDER or any one employed by it or acting on its behalf (whether with or without the knowledge of the BIDDER) should entitle the Authority to take all or any one of the following actions, wherever required: -
- (i) To immediately call off the pre-contract negotiations without assigning any reason or giving any compensation to the BIDDER. However, the proceedings with the other BIDDER(s) would continue.
  - (ii) To immediately cancel the contract, if already signed, without giving any compensation to the BIDDER.
  - (iii) If the Authority has disqualified / debarred the Bidder from the tender process prior to the award under section 2 or 3 or 4, the Authority is entitled to forfeit the earnest money deposited/bid security.
  - (iv) To recover all sums already paid by the Authority, and in case of an Indian BIDDER with interest thereon at 2% higher than the prevailing Prime Lending Rate of State Bank of India, while in case of a BIDDER from a country other than India with interest thereon at 2% higher than the LIBOR. If any outstanding payment is due to the BIDDER from the Authority in connection with any other contract or any other stores, such outstanding payment could also be utilized to recover the aforesaid sum and interest.
  - (v) To encash the advance bank guarantee and Performance /warranty bond, if furnished by the BIDDER, in order to recover the payments, already made by the BUYER, along with interest.
  - (vi) To cancel all or any other Contracts with the BIDDER. The BIDDER shall be liable to pay compensation for any loss or damage to the Authority resulting from such cancellation/rescission and the Authority shall be entitled to deduct the amount so payable from the money(s) due to the BIDDER.
  - (vii) To debar the BIDDER from participating in future bidding processes for a minimum period of three years, which may be further extended at the discretion of the Authority.
  - (viii) To recover all sums paid in violation of this Pact by BIDDER(s) to any middleman or agent or broker with a view to securing the contract.
  - (ix) In case where irrevocable Letters of Credit have been received in respect of any contract signed by the Authority with the BIDDER, the same should not be opened.
  - (x) Forfeiture of Performance / Security Bond in case of a decision by the BUYER to forfeit the same without assigning any reason for imposing sanction for violation of this Pact.
  - (xi) That if the Authority have terminated the contract under section 2 or 3 or 4 or if the Authority is entitled to terminate the contract under section 2 or 3 or 4, the Authority should be entitled to demand and recover from the contractor damages equivalent to 5% of the contract value or the amount equivalent to security deposit or Performance bank guarantee (PBG), whichever is higher.
  - (xii) That the Bidder agrees and undertakes to pay the said amount without protest or demur subject only to condition that if the Bidder/Contractor can

M. Raju

Signature of Bidder with seal



prove and establish to the satisfaction of the Authority that the disqualification / debarment of the bidder from the tender process or the termination of the contract after award of the contract has caused no damage to the Authority.

- 6.2 The Authority will be entitled to take all or any of the actions mentioned at para 6.1(i) to (xii) of this Pact also on the Commission by the BIDDER or any one employed by it or acting on its behalf (whether with or without the knowledge of the BIDDER), of an offence as defined in Chapter IX of the Indian Penal code, 1860 or Prevention of Corruption Act, 1988 or any other statute enacted for prevention of corruption.
- 6.3 That if the Bidder applies to the Authority for premature revocation of the debarment and proves to the satisfaction of the Authority that he has installed a suitable and effective corruption prevention system and also restored/recouped the damage, if any, caused by him, the Authority may, if thinks fit, revoke the debarment prematurely considering the facts and circumstances of the case, and the documents/evidence adduced by the Bidder for first time default.
- 6.4 That a transgression is considered to have occurred if the Authority is fully satisfied with the available documents and evidence submitted along with Independent External Monitor's recommendations/ suggestions that no reasonable doubt is possible in the matter.
- 6.5 The decision of the Authority to the effect that a breach of the provisions of this Pact has been committed by the BIDDER should be final and conclusive on the BIDDER. However, the BIDDER can approach the Independent External Monitor(s) appointed for the purpose of this Pact.

**Allegations against Bidders/Contractors/ Sub-Contractors/ Associates:**

That if the Authority receives any information of conduct of a Bidder/ Contractor or Sub-Contractor or of an employee or a representative or Associates of a Bidder, Contractor or Sub- Contractor which constitute corruption, or if the Authority has substantive suspicion in this regard, the Authority will inform the Vigilance Department for appropriate action.

7. Independent External Monitor(s)
  - 7.1 That the Authority has appointed competent and credible Independent External Monitor(s) for this Pact.
  - 7.2 The task of the Monitor is to review independently and objectively, whether and to what extent the parties comply with the obligations under this Pact. He will also enquire into any complaint alleging transgression of any provision of this Pact made by the Bidder, Contractor or Authority.
  - 7.3 That the Monitor is not subject to any instructions by the representatives of the parties and would perform his functions neutrally and independently. He will report to the Chairperson of the Board of the Authority.
  - 7.4 That the Bidder accepts that the Monitor has the right to access without restriction to all project documentation of the Authority including that provided by the Bidder/Contractor. The Bidder will also grant the Monitor, upon his request and demonstration of a valid interest, unrestricted and unconditional access to his project documentation including minutes of meeting. The same is applicable to Sub – Contractors and Associates. The

Signature of Bidder with seal



Monitor is under obligation to treat the information and documents of the Authority and Bidder/ Contractor/ Sub-Contractors/ Associates with confidentiality.

- 7.5 That as soon as the Monitor notices, or believes to notice, a violation of this Pact, he will so inform the management of the Authority and request the management to discontinue or heal the violation, or to take other relevant action. The Monitor can in this regard submit his recommendations/suggestions. Beyond this, the Monitor has no right to demand from the parties that they act in a specific manner, refrain from action or tolerate action.
- 7.6 That the Authority will provide to the Monitor sufficient information about all meetings among the parties related to the project provided such meetings could have an impact on the contractual relations between the Authority and the Contractor / Bidder. The parties offer to the Monitor the option to participate in such meetings.
- 7.7 That the Monitor will submit a written report to the Chairperson of the Board of the Authority within 2 weeks from the date of reference or intimation to him by the Authority and, should the occasion arise, submit proposals for correcting problematic situations.
- 7.8 That if the Monitor has reported to the Chairperson of the Board a substantiated suspicion of an offence under relevant Anti-Corruption Laws of India and the Chairperson has not, within reasonable time, taken visible action to proceed against such offence or reported it to the Vigilance Department, the Monitor may also transmit this information directly to the Central Vigilance Commissioner, Government of India.
- 7.9 The word 'Monitor' would include singular and plural.

## 8. Facilitation of Investigation.

- 8.1 In case of any allegation of violation of any provisions of this Pact or payment of commission, the Authority or its agencies shall entitled to examine all the documents including the Books of Accounts of the BIDDER and the BIDDER shall provide necessary information and documents in English and shall extend all possible help for the purpose of such Examination.

## 9. Law and Place of Jurisdiction.

- 9.1 That this Pact is subject to Indian Law. The place of Performance and jurisdiction is the Corporate Headquarter /the Regional Headquarter / office of the Authority, as applicable.

## 10. Other Legal Actions

- 10.1 That the changes and supplements as well as termination notices need to be made in writing.
- 10.2 That if the Bidder is a partnership or a consortium, this Pact must be signed by all the partners and consortium members or their authorized representatives.

## 11. Pact duration (Validity)

- 11.1 That this Pact comes into force when both the parties have signed it. It expires for the Contractor 12 months after the final payment under the respective contract, and for all other Bidders 3 months after the contract is awarded.

Signature of Bidder with seal






11.2 That if any claim is made / lodged during this period, the same should be binding and continue to be valid despite the lapse of this Pact as specified herein before, unless it is discharged/determined by Chairman of the Authority.

11.3 That should one or several provisions of this Pact turn out to be invalid; the remainder of this Pact shall remain valid. In this case, the parties will strive to come to an agreement to their original intentions.

12. Company Code of Conduct

12.1 Bidders are also advised to have a company code of conduct (clearly rejecting the use of bribes and other unethical behaviour) and a compliance program for the implementation of the code of conduct throughout the company.

13. The parties hereby sign this Integrity Pact at \_\_\_\_\_ on\* \_\_\_\_\_

<u>BUYER:</u>	<u>BIDDER:</u>
Name of the Officer: Designation.   Dept./Ministry/ PSU: <b>Airports Authority of India</b>	Authorized signature with Name & Designation)
Witness: 1.  J. PRABHAKARAN, SM (AS)	Witness: 1.
2.  P. SURESH. CAMC (AS)	2.

**Important Note:**

**\*All the Pages to be signed and Date to be as bid submission date.**

**Hard Copy shall be submitted within Three working Days after Tender/ Bid submission End Date. If not submitted Bid will be rejected summarily.**  
**Signed Document to be submitted to;**

**Dy. GM (AS)  
Airport Systems Dept.  
Airports Authority of India  
Operational Offices, Chennai Airport, Chennai 600 016.**

Signature of Bidder with seal



## **AIRPORTS AUTHORITY OF INDIA**

### **Independent External Monitors (IEMs)**

**Shri. Satish Chander, MES [Retd.]  
A-1, 601, Windsor Avenue,  
Wanowrie, Pune - 411022  
Mobile No. 094172-56367  
Email – satishchander.adg@gmail.com**

**And**

**Shri. P. R. Ravikumar, IRS [Retd.]  
Akshath, No.84, First Avenue,  
Kumaranasan Nagar, Elamkulam PO,  
Ernakulam, Kerala – 682020  
Mobile no. 085470-02410 & 088487-67105  
Email: p\_r\_ravikumar@yahoo.com**

**All the pre-bid queries, should be requested through GeM portal only. Requested through other modes (mails/ letter/visiting office) will not be entertained.**

Signature of Bidder with seal



**ANNEXURE –II**

**UNCONDITIONAL ACCEPTANCE LETTER**

(On Firm Letter Head)

To,

The Dy. GM (AS)  
Airport Systems Dept,  
Airports Authority of India,  
Chennai Airport, Chennai-600016

Sir,

**Subject: Acceptance of AAI's Tender Conditions.**

1. The tender documents for the work “ **SITC of Cameras with Networking, Replacement of Existing Cameras and Allied works for SCCTV System with Three years Onsite warranty and Three years CAMC with spares at Chennai Airport**” I / we hereby certify that I/we have read the entire terms & conditions of the tender documented made available ONLINE through GeM Portal by the Asst. General Manager (Airport Systems), AAI, Operational Building, Chennai Airport, Chennai, which should form part of the contract agreement and I/we should abide by the conditions/clauses contained therein.
2. I/we hereby unconditionally accept the tender conditions of AAI's tender documents in its entirety for the above work.
3. It is clarified that after unconditionally accepting the tender conditions in its entirety, it is not permissible to upload any additional file or put any remarks(s) /condition(s) (except unconditional rebate on quoted rate, if any) in/along with the Tender Document and the same has been followed in the present case. In case, this provisions of the tender if found violated after opening of tender, I/we agree that the tender should be rejected and AAI should without prejudice to any other right or remedy be at liberty to forfeit the earnest money absolutely.
4. **“That, I/we declare that I/We have not paid and will not pay any bribe to any officer of AAI for awarding this contract at any stage during its execution or at the time of payment of bill, and further if any officer of AAI asks for bribe/gratification, I will immediately report it to the Appropriate Authority in AAI”.**

Yours faithfully,

**(Signature of the Bidder & Seal)**

Date: - \_\_\_\_\_



**Annexure –III**

**Power of Attorney Format for the Authorized Person(s)**

(Bidder should submit irrevocable power of attorney on a non-judicial stamp paper of Rs.100/- signed by authorized signatory as per Memorandum of Articles authorizing the persons who are signing this bid on behalf of the company)

**POWER OF ATTORNEY**

By this POWER OF ATTORNEY executed on \_\_\_\_\_, we, \_\_\_\_\_, a Company incorporated under the provisions of companies Act, 1956 having its Registered Office at \_\_\_\_\_ (hereinafter referred to as the ‘Company’) do hereby severally appoint, constitute and nominate \_\_\_\_\_, official(s) of the Company, so long as they are in the employment of the Company (hereinafter referred to as the ‘Attorneys’) to sign agreement and documents with regard GEM BID No....., Airports Authority of India, Chennai Airport, Chennai-600016 for **“SITC of Cameras with Networking, Replacement of Existing Cameras and Allied works for SCCTV System with Three years Onsite warranty and Three years CAMC with spares at Chennai Airport”** and to do all other acts, deeds and things said Attorneys may consider expedient to enforce and secure fulfilment of any such agreement in the name and on behalf of the Company.

AND THE COMPANY hereby agrees to ratify and confirm all acts, deeds and things they said Attorneys should lawfully do by virtue of these authorities hereby conferred.

IN WITNESS WHEREOF, this deed has been signed and delivered on the day, month and year first above written by Mr. \_\_\_\_\_ Secretary of the Company/Authorized Signatory, duly authorized by the Board of Directors of the Company vide it’s resolution passed in this regard.

**WITNES**

- 1.
- 2.

**By order of the Board**

For \_\_\_\_\_

**Company Secretary/Authorized Signatory**

**Attorney Signature 1.** \_\_\_\_\_

**Attorney Signature 2.** \_\_\_\_\_

**(Attested)**

(\_\_\_\_\_)

**Company Secretary/Authorized Signatory**

Signature of Bidder with seal



**Annexure-IV**

**BANK GUARANTEE PROFORMA**

(To be stamped in accordance with Stamp Act)

(The non-judicial stamp paper should be in the name of issuing Bank)

(To be submitted in the non-judicial stamp paper with name of issuing Bank and to be prepared in accordance with Indian Stamp Act, 1899)

Ref: \_\_\_\_\_

Bank Guarantee No: \_\_\_\_\_

Date: \_\_\_\_\_

To

The Dy. GM (AS)  
Airport Systems Dept,  
Airports Authority of India,  
Chennai Airport, Chennai-600016

Dear Sir,

In consideration of the Airports Authority of India (hereinafter referred to as the Owner", which expression should unless repugnant to the context or meaning thereof include its successors, administrators and assigns) having awarded \_\_\_\_\_ to \_\_\_\_\_ M/s

\_\_\_\_\_ hereinafter referred to as the 'Contractor', which expression should unless repugnant to the context of meaning thereof, include its successors, administrators executors and assigns), a contract bearing No. \_\_\_\_\_ dated \_\_\_\_\_ valued at \_\_\_\_\_ for \_\_\_\_\_ and the contractor having "**SITC of Cameras with Networking, Replacement of Existing Cameras and Allied works for SCCTV System with Three years Onsite warranty and Three years CAMC with spares at Chennai Airport**" agreed to provide a Contract Performance / Security of the entire Contract equivalent to \_\_\_\_\_ (10 per cent) of the said value of the Contract to the Owner. We at \_\_\_\_\_ (hereinafter referred to as the 'BANK', which expression should, unless repugnant to the context or meaning thereof, include the successors, administrators, executors and assigns) do hereby guarantee and undertake to pay the Owner, on demand any and all money payable by the Contractor to the extent of \_\_\_\_\_ as aforesaid at any time up to \_\_\_\_\_ (day/month/year) without any demur, reservation, contest, recourse or protest and/or without any reference to the Contractor. Any such demand made by the owner the Bank should be conclusive and binding notwithstanding any difference between the owner and contractor or any dispute pending before any court, tribunal or any authority.

The Bank undertakes not to revoke this guarantee during its currency without previous consent of the Owner and further agrees that the

Signature of Bidder with seal



guarantee herein contained should continue to be enforceable till the Owner discharges this guarantee. The Owner should have the fullest liberty, without affecting in any way the liability of the Bank under this guarantee, to postpone from time to time the exercise of any powers vested in then or of any right which they might have against the Contractor, And to exercise the same at any time in any manner, and either to enforce or to forebear to enforce any covenants, contained or implied, in the Contract between the Owner and the Contractor or any other course of or remedy or security available to the Owner.

The Bank should not be released of its obligations under these presents by any exercise by the Owner or by any other matters or thing whatsoever which under law would, but for this provision, have the affect of relieving the Bank. The Bank also agrees that the Owner at its option should be entitled to enforce this Guarantee against the Bank as a principal debtor, in the first instance without proceeding against the Contractor and notwithstanding any security or other guarantee that the Owner may have in relation to the Contractors liabilities.

Apart from other guarantees this Bank Guarantee explicitly provides for the following:

a. The Performance / Security guarantee is intended to secure the Performance / Security of the entire system. However, it is not to be construed as limiting the damages stipulated in any other clause.

Notwithstanding anything mentioned herein above our liability under this guarantee is restricted to Rs. \_\_\_\_\_ and it should remain in force up to and including \_\_\_\_\_ and should be extended from time to time for such period (not exceeding one year), as instructed by the buyer and as desired by M/s \_\_\_\_\_ on whose behalf this guarantee has been given.

**WITNESS**

Dated this \_\_\_\_\_ day of \_\_\_\_\_ 20 \_\_ at \_\_\_\_\_

Signature \_\_\_\_\_

Signature \_\_\_\_\_

Name \_\_\_\_\_

(Bank's Rubber Stamp)

Official address \_\_\_\_\_

Name \_\_\_\_\_

**Designation with Bank Seal**

**Attorney as per Power of**

**Attorney No. \_\_\_\_\_; Dated \_\_\_\_\_**

The above Guarantee is accepted by Airports Authority of India.

For and on behalf of Airports Authority of India.

Signature \_\_\_\_\_

Name \_\_\_\_\_

Designation \_\_\_\_\_

Signature of Bidder with seal



Dated \_\_\_\_\_

**Note:**

**\*For Proprietary Concerns**

Shri \_\_\_\_\_ son of \_\_\_\_\_ resident of \_\_\_\_\_ carrying on business under the name and style of \_\_\_\_\_ at \_\_\_\_\_ (hereinafter called "the said Contractor" which expression should unless the context requires otherwise include his heirs, executors, administrators and legal representatives).

**For Partnership Concerns**

1. Shri \_\_\_\_\_ son of \_\_\_\_\_ resident of \_\_\_\_\_

2. Shri \_\_\_\_\_ son of \_\_\_\_\_ resident of \_\_\_\_\_

Carrying on business in co-partnership under the name and style of \_\_\_\_\_ at \_\_\_\_\_ (hereinafter collectively called "the said contractor" which expression should unless the context requires otherwise include each of them and their respective heirs, executor's administrators and legal representatives).

**For companies**

M/s \_\_\_\_\_ a Company registered under the companies Act, 1956 and having its registered office in the State of (Hereinafter called 'the said Contractor' which expression should unless the context requires otherwise include its administrators, successors and assigns).



(Letter of understanding from the Depositor to Bank to be submitted on their letterhead along with Security Deposit to Airports Authority of India.)

The Branch Manager,  
..... Bank,  
.....

Sub: -My /Our Bank Guarantee bearing No.....dated for .....amount..... issued in favour of Airports Authority of India A/c.....

Sir,

The subject Bank Guarantee is obtained from your branch for the purpose of Security Deposit on account of contract awarded/ to be awarded by M/s Airports Authority of India to me /us.

I hereby authorize the Airports Authority of India in whose favour the deposit is made to close the subject Bank Guarantee before maturity/ on maturity towards adjustment of dues without any reference/consent/notice from me/our side and the bank is fully discharged by making the payment to Airports Authority of India.

Signature of the Depositor

Place:

Date:



**ANNEXURE-V**

**Registration details of the Firm**

1. Name of the Service Provider / Contractor :
2. Address with Tel. No., Fax No., E-mail :
3. Contact person's name :
4. EPF Registration Details :
5. ESI Registration Details :
6. PAN Details :
7. GST Registration Details :
8. Firm Registration Details :

**Declaration**

I/We hereby certify that the information furnished above is correct and true to the best of our knowledge. We understand that in the event of information being found false at any stage, the Agency will be black listed and will not have any dealing with the CMFRI, ICAR in future.

**(Signature with Date of Authorized Signatory)**



**Annexure-VI**

**Bank Account Details of the Firm**  
**(On Firm's Letter Head)**

**To be filled by the Contractor**

Name of Firm :  
PAN No :  
GST Registration No. :  
Name of Bank :  
Name of Branch :  
Complete Address of Bank :  
A/C No. of Beneficiary :  
Type of Account :  
Core Banking Account No. in Full :  
IFSC Code of the Bank :  
TIN No. :

Signature

Name of Authorized Signatory

Name & Address of the Tenderer

Office Seal

Date:



**Annexure-VII**

**Declaration of Not Black-Listed/Debarred Firm**

(On a non-judicial stamp paper of Rs.100/- signed by authorized signatory as per Memorandum of Articles authorizing the persons who are signing this bid on behalf of the company)

I/We .....having office  
at .....declare that I/We/Our  
firm have never been Blacklisted / Debarred by any State Government/ Central Government or  
any State/ Central Public Sector Units.

**Authorized Signature with date & Seal**



**Annexure-VIII**

**UNDERTAKING FOR GST**

To,

The Dy. GM (AS)  
Airport Systems Dept,  
Airports Authority of India,  
Chennai Airport, Chennai-600016

**Sub: Undertaking for GST reg.**

*Sir/s,*

I/ we do hereby undertake/ declare the following related to the “**SITC of Cameras with Networking, Replacement of Existing Cameras and Allied works for SCCTV System with Three years Onsite warranty and Three years CAMC with spares at Chennai Airport.**”

I / We would like to confirm you that, we are providing Maintenance Service / Technical Support thus we are falling under the below Chapter heading & Service Tariff Code as per the GST Law implemented from 1<sup>st</sup> of July 2017.

**Service Tariff Code: HSN/SAC: .....**

In this regard, we would like to confirm the following.

**Our GSTIN: .....**

**-In case of noncompliance of GST Provision and blockage of any input credit we will be responsible to indemnify AAI.**

**-All input credits will be passed on to AAI.**

Information provided above is true to my knowledge and belief.

Authorized Signature with Date



**Annexure -IX**

**Environment Management System**

Airports Authority of India, Chennai Airport has established an Integrated Management System (IMS) under ISO 9001:2015 (Quality Management System), ISO 14001:2015 (Environment Management System) & OHSAS 18001:2007 (Occupational Health and Safety Assessment) International Standards to provide Quality and Environment friendly services of International Standards.

1. We, the Airlines, Goods/Services providers, and Contractors of Chennai Airport appreciate and respect the commitment & initiatives taken by the management of AAI, Chennai airport to protect and preserve the environment at Airport.
2. We hereby abide by the conditions stipulated herein with respect to our activities in the airport and not to pollute the environment of the airport in any manner & cooperate with the Airports Authority of India, Chennai Airport. We hereby undertake that:
  - a) The work areas should be kept clean
  - b) Adequate number of Waste bins should be placed in working space to collect different type of Scraps and the Wastes.
  - c) The following wastes should be segregated and stored in designated place, as far as possible.
    - Oil-soaked cotton wastes
    - Spent oil (Hazardous wastes)
    - Asbestos wastes
    - Worn out Tyers
    - Discarded Equipment's, structures
    - Construction wastes, debris
    - Glass wastes
    - Insulation wool waste
    - Metallic wastes
    - Empty Paint drums, containers (Hazardous wastes)
    - Metallic Cans
    - Polythene/plastic wastes
    - Paper/cardboard waste
    - Discarded food
    - Other biodegradable wastes
    - E wastes (Hazardous wastes)
    - Automotive/ Industrial Battery etc.
3. The waste should be stored at locations identified by AAI Management of Chennai airport. Subsequently the wastes should be disposed off in accordance with waste management plan.
4. Hazardous wastes (Spent oil, contaminated jute/cotton/gloves, e-wastes, bio medical wastes should be secured and disposed as per guidelines of regulatory authority (TNPCB).



5. To the extent possible, fuel oil, electrical power, water, cooking gas etc. will be conserved.
6. Plastic bags of less than 40 micron should not be used and /or issued by us inside AAI premises.
7. We should obtain the MSDS (Material Safety Data Sheet) of all chemicals used by us in AAI campus and study their characteristics and the disposal method. Chemicals which are found to be environmentally friendly should only be used.
8. If any chemical is found not environmentally friendly/safe, additional precautions for their use and disposal should be taken as indicated in MSDS.
9. Copies of MSDS will be retained by us & made available as and when requested by AAI officials.
10. Wherever any chemical like fuel oil, lube oil, Hydraulic oil, grease, paints are used, we should arrange or keep ready a spill control kit at our own cost, for emergency purpose and should use the same in case of emergency.
11. Diesel/ Petrol operated Vehicles used by us for transportation of man & material to and from AAI campus, Apron, Runway etc. should be PUC (pollution under control) compliant.  
Copies of the PUC certificate should be handed over to concerned AAI dept.
12. Wherever we arrange food for our workmen, we should keep waste bins for collection of waste generated in the process.
13. Failure to comply with the requirements mentioned above should attract a penalty or any other strictures as deemed fit by the AAI authorities.
14. We understand that AAI, Chennai Airport will organize briefing/ training of our designated Supervisor/Manager about the IMS requirements. We should ensure the presence/participation during such session. Thereafter, we should ensure the necessary training of our workmen and staff and compliance of the requirements.
15. We should identify one supervisor responsible for EMS compliance.
16. We understand and agree that no additional payment should be made by AAI management for IMS compliance.

Date:

Authorized Signatory  
Name of the Agency & Seal



**Annexure-A**

**FINANCIAL BID**

**IMPORTANT NOTE:**

1. Bidder should not to mention any rate/ amount in this document.
2. Below mentioned Schedule of Quantity is for Reference only.
3. Rate & Amount should quote only in GeM portal Financial Bid.
4. Bidder / Firm carefully read the Scope of Work, Items Specifications etc. as mentioned in NIT Document before quoting price in GeM Portal-Financial Bid.

**SCHEDULE OF QUANTITY**

Sl. No	Description of Items	Qty	Unit	RATE / Item/ Lot/ Job/ Year Incl. GST	Total AMOUNT Incl. GST
<b>SH-I</b>	<b>Supply of Items:</b>				
1.	Supply of 2MP or Higher PTZ IP Camera as per specification.	337	Nos.		
2.	Supply of 2MP PTZ IP Fiber In /Out Camera as per specification	70	Nos.		
3.	Supply of 2MP IP Bullet camera as per specification	361	Nos.		
4.	Supply of 2MP IP Fixed Dome Camera as per specification	982	Nos.		
5.	Supply of 5MP IP Bullet camera for ANPR (To work with third party ANPR Software) as per specification	50	Nos.		
6.	Supply of 5MP IP Dome cameras for Face recognition (Camera should work with any make AI Based FR Software) as per specification.	50	Nos.		
7.	Supply of Manageable switch: with 24 Nos 1G Transceiver fully loaded as per specification	2	Nos.		
8.	Supply of 24 Port POE+ Managed Switch 4 SFP Ports populated with 1G trans-receivers as per specification	6	Nos.		
9.	Supply of 24 Port POE+ Managed Switch 4 SFP Ports populated with 10G trans-receivers as per specification	10	Nos.		
10.	Supply of Managed 24 Port 1G SFP Fiber Network Switches as per specification	8	Nos.		
11.	Supply of Industrial Grade Managed Switch 8 Port POE + 4 SFP Slots as per specification	103	Nos.		
12.	Supply of IP-55 500W x 4U x 500D Size outdoor Junction Box with Pole Mount including power accessories as per specification	74	Nos		
13.	Supply of IP-55 600W X12UX600D Size outdoor Junction Box with Pedestal stand (600W X 600D with 1200mm Height) including concrete foundation including power accessories as per specification	95	Nos		



14.	Supply of IP-55 22U Size Floor mount outdoor Junction Box with Suitable Pedestal (600W X 600D with 600mm Height) and Concrete foundation including power accessories as per specification	6	Nos		
15.	Supply of 12 core-Single mode outdoor OFC cable as per specification	29000	Mtr		
16.	Supply of 48 core- Single mode outdoor OFC cable as per specification	24000	Mtr		
17.	Supply of 12 port LIU fully loaded (LC Duplex Adaptor) as per specification	172	Nos		
18.	Supply of 48 port LIU fully loaded (LC Duplex Adaptor) as per specification	23	Nos		
19.	Supply of SM OFC Patch cord LC-LC-1Mtr as per specification	350	Nos		
20.	Supply of SM OFC Patch cord LC-LC-2 Mtr as per specification	160	Nos		
21.	Supply of outdoor CAT6 UTP. Comply with Cat6 specifications as per specification	18000	Mtr		
22.	Supply of indoor CAT6 UTP. Comply with Cat6 specifications as per specification	8000	Mtr		
23.	Supply of FRLS Armored 3 Core 2.5 Sqm Power cable as per specification	26000	Mtr		
24.	Supply of FRLS Armored 3 Core 4 Sqm Power cable as per specification	1000	Mtr		
25.	Supply of 2 meters Galvanized Pole as per specification	50	Nos		
26.	Supply of 3 meters Galvanized Pole as per specification	50	Nos		
27.	Supply of 5 meters Galvanized Pole as per specification	120	Nos		
28.	Supply of 25mm Heavy Duty Electrical PVC Pipe as per specification	1500	Mtr		
29.	Supply of 4-inch Diameter Galvanized Pipe as per specification	1000	Mtr		
30.	Supply of HDPE 50 mm HDPE pipe as per specification	45000	Mtr		
31.	Supply of Rack mount 1KVA Online UPS with 30 Minutes Backup with Accessories as per specification	115	Nos		
32.	SITC of Network Monitoring Solution (NMS) with 300 Device monitoring & configuration Management licenses for Switches, Servers, Cameras, UPS, printer, etc. and 2 Concurrent Helpdesk Solution users with ticket management and AIOPS.	1	Lot.		
<b>SH-II</b>	<b><u>Installations of SH-I Items</u></b>				
33.	Installation of Cameras Sl.1 to 6 on ceiling, false ceiling, wall, Pillar, Pole	850	Nos		



	as per site requirement. new cameras shall be installed with new mounts (ceiling, false ceiling, wall, Pillar, Pole) as per specification				
34.	Installation of Cameras SI.1 to 6 on ceiling, false ceiling, wall, Pillar, Pole as per site requirement. New cameras shall be installed by removing existing cameras, new cameras to be installed in existing mounts (ceiling, false ceiling, wall, Pillar, Pole) as per specification	1000	Nos		
35.	Installation, Configuration of Network Switches SI.Nos.7 to11 on rack/pole as per site requirement as per specification	129	Nos		
36.	Installation of 4U Out Door Pole Mount Junction Box including fixing of LIU/splicing as required as per specification	74	Nos		
37.	Installation of 12U/22U Out Door Floor Mount Junction Box SI.Nos.13 & 14 as per Site Requirement including fixing of LIU/splicing, UPS as required and Concrete (RCC) Foundation 1000x1000x500. PCC 1000x1000x100 as per specification	101	Nos		
38.	Laying of OFC Cable /Out Door /In Door Cat 6 UTP Cable / Armored 3 Core 2.5 Sq.mm/4 Sq.mm Power cable through HDPE Pipe/wall/ Surface/ Ceiling/soft soil as per site requirement as per specification	106000	Mtr		
39.	Installation of 2Mtr/3MtrGalvanised Pole SI.Nos.25 to 26 as per Site Requirement including Concrete Foundation (RCC) 300x300x900. Bed: 800x800x250 PCC 800x800x100 as per specification	100	Nos		
40.	Installation of 5Mtr Galvanized Pole SI.No.27 as per Site Requirement including Concrete Foundation (RCC) 400x400x1200.Bed: 1000x1000x300, PCC 1000 x 1000 x 100 as per specification	120	Nos		
41.	Laying of 25mm Heavy duty Electrical PVC pipe on wall/ceiling/pole as per site requirement as per specification	1500	Mtr		
42.	Laying of 50mm HDPE pipe on wall/ceiling/pole as per site requirement including bend, connector and all accessories as per specification	45000	Mtr		
43.	Laying of 4-inch Diameter Galvanized Pipe including by road cutting(300x400), refilling and surfacing with concrete as per specifications. Making surface as good as earlier as per specification	1000	Mtr		
44.	Earth work Excavation of soft soil/ hard soil for cable/HDPE/OFC/Power Cable laying. (300 x 600) as per	17000	Mtr		



	specification				
45.	Testing, Training, Documentation and Commissioning of the entire SCCTV System with all accessories as per site requirement as per specification	1	JOB		
<b>SH-III</b>	<b><u>Operation and Maintenance</u></b>				
46.	Operation and Maintenance of all Cameras and accessories by providing 24x7 round the clock manpower, tools etc. as required during 3 years Warranty period as per specification.	36	Month		
<b>SH-IV</b>	<b><u>CAMC of Cameras and All accessories</u></b>				
47.	Fourth Year CAMC of all installed cameras and accessories by providing 24x7 round the clock manpower tools, etc. as required as per specification.	12	Month		
48.	Fifth Year CAMC of all installed cameras and accessories by providing 24x7 round the clock manpower tools, etc. as required as per specification.	12	Month		
49.	Sixth Year CAMC of all installed cameras and accessories by providing 24x7 round the clock manpower tools, etc. as required as per specification.	12	Month		

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All the queries related to this bid, shall be requested through GeM portal only. Requested through other modes (mails/ letters/ office visits) will not be entertained.