

**GOVERNMENT OF INDIA  
DEPARTMENT OF SPACE  
LABORATORY FOR ELECTRO OPTICS SYSTEM (LEOS)  
BANGALORE**

**Tender for Supply and Installation of CCTV Surveillance System**

**Bids to be submitted online**

**Tender No.: LEOS/LEOS/LE202200021701 dated 08-08-2022**

## A. Tender Details

Tender No : **LEOS/LEOS/LE202200021701**

Tender Date : **08-08-2022**

Tender Classification: **GOODS**

Purchase Entity : **LEOS**

Centre : **LABORATORY FOR ELECTRO OPTICS SYSTEM (LEOS)**

## Procurement of Supply and Installation of CCTV Surveillance System

1)NO EMD AND TENDER FEE.

2)VENDORS HAS TO REFLECT THE POINT NO (4), (5) AND (6) IN THEIR BID.

3)Successful vendor has to submit the security deposit. (3 % of the value of the purchase order). Central PSUs/PSE/Autonomous bodies shall be exempted from the payment of security deposit, and instead, an indemnity bond shall be secured from them.

4)Performance Bank Guarantee (PBG) to be furnished as a security for fulfilment of warranty obligations by the successful vendor after satisfactory execution of purchase order/Contract (3% of the value of the purchase order/Contract). Central SUs/PSE/Autonomous bodies are exempted from the production of Performance Bank Guarantee. Instead; an indemnity bond shall be furnished in lieu of PBG.

5)Liquidated damages: If the vendor fails to deliver the items on or before the delivery date, or any extension thereafter purchaser shall recover from the vendor as liquidated damages a sum of 0.5% of the contract price of the undelivered stores for each calendar week of delay. The total liquidated damages shall not exceed 10% of the contract price of the unit or units so delayed.

6)GST for the quoted items .

7)SECRECY: The technical information, drawings, specifications and other related documents, forming part of the CONTRACT, are the property of the Purchaser and shall not be used for any other purpose, except for execution of the CONTRACT. All rights, including rights in the event of grant of patent and registration of designs are reserved. The technical information, drawings, specifications, records and other documents shall not be copied, transcribed, traced or reproduced in any other form or otherwise in whole and/or duplicated, modified, divulged and/or disclosed to a third party nor misused in any other form whatsoever without Purchasers consent in writing except to the extent required for the execution of this CONTRACT. These technical information, drawings, specifications and other related documents shall be returned to the Purchaser with approved copies and duplicates, if any, immediately after they have been used for the agreed purpose.

8)Delivery Terms: Imports Supply: FOR LEOS

9)PUBLICITY: No publicity of any kind whatsoever in case of PURCHASE ORDER shall be given by the Supplier without prior permission of the Purchaser.

10) Submit the bid on or before due date.

11)All information in Vendor Specified Terms shall be provided without fail to avoid unnecessary correspondence / delay in process. The same should reach before technical bid opening date and time without fail.

12)THIS IS A TWO PART TENDER. DO NOT MENTION THE PRICE IN TECHNICAL BID. REFLECT THE PRICE IN PRICE BID ONLY (PRICE BID FORM). DISCLOSURE OF PRICE IN TECHNICAL BID AMOUNTS TO REJECTION OF YOUR BID.

13) In case of any difficulties, you can call in

080 2268 5014 / 5015 or through mail: [purchase@leos.gov.in](mailto:purchase@leos.gov.in)

14. Purchase Officer, LEOS, reserves the right to accept or reject any/or all the tenders in part or full without assigning any reasons thereof.

15. In this tender either the Indian agent on behalf of the principal/OEM or the principal /OEM itself can bid, but both cannot bid simultaneously for the same item. Indian agents while quoting on behalf of their principals shall provide necessary latest authorisation letter obtained from their principals/manufacturers.

16. If an agent submit bid on behalf of the principal/OEM, the same agent shall not submit a bid on behalf of another principal/OEM in this tender for the same item. If submitted, all offers will be liable for rejection.

17. In case the bidders propose any other payment terms in deviation with the standard terms mentioned in the tender enquiry, it may be noted that applicable cash flow implications will be loaded on the prices quoted for commercial comparison of the offers. If advance payments are insisted by the bidders, interest at the rate of MCLR (Marginal Cost Linked Rate) as notified by State Bank of India from time to time shall be loaded on the prices for price comparison.

18. GENERAL TERMS & CONDITIONS FOR BIDDERS:

For this procurement, bids from Class I & class II Local Suppliers are admissible. hence 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. P 45021/2/2017 PP(BE II) dated 04.06.2020 and subsequent amendment & directives shall be followed. Accordingly, offer will be evaluated & processed in conformation with above referred GOI order (Specially mentioned below). The bidder shall provide compliance and undertaking as per order and hereafter amendments:

e)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).

f)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.

g)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

h)Verification of local content:

iv.The Class I local supplier/ Class II local supplier at the time to tender, bidding or solicitation shall be required to indicate percentage of local content and provide self certification that the item offered

meets the local content requirement for Class I local supplier / Class II local supplier as the case may be. They shall also give details of the location(s) at which the local value addition is made.

v. In case bid value is in excess of Rs. 10 Cr., Class I local supplier/ Class II local supplier shall be required to provide a certificate from the statutory auditor or cost auditor of the company (in the case of companies) or from a practicing cost accountant or practicing chartered accountant (in respect of suppliers other than companies) giving the percentage of local content.

vi. False declarations will be in breach of the code of Integrity under Rule 175(1)(i)(h) of the General Financial Rules (GFR) for which a bidder or its successors can be debarred for up to two years as per Rule 151 (iii) of the general Financial Rules along with such other actions as may be permissible under Law.

A supplier who has been debarred by any procuring entity for violation of this order shall not be eligible for preference under this order for procurement by any other procuring entity for the duration of the debarment. The debarment for such other procuring entities shall take effect prospectively from the date on which it comes to the notice of other procurement entities, in the manner prescribed.

19. Product Scope: Class I local supplier/ Class II local supplier shall offer only standard and catalogued product for Equipment / Spares Cards / assemblies. If the above offered Equipment / Cards / Assemblies are under development / to be developed the bid will not be considered.

20. As per Rule 144(xi) of General Financial Rules, 2017, any bidder from a country which shares a land border with India will be eligible to bid in any procurement whether of goods, services (including consultancy services and non consultancy services) or works (including turnkey projects) only if the bidder is registered with the Competent Authority (i.e., Department for Promotion of Industry and Internal Trade) in line with Order (Public Procurement No. 1, 2 and 3) dated 23/07/2020 and 24/07/2020 or any amendments thereon issued by the Public Procurement Division, Department of Expenditure, Ministry of Finance. Hence, Vendors or Agents of a Vendor (Indian or Others) from a country sharing border with India shall submit the copy of Valid Registration made with DPIIT along with the tender mandatorily, without which the offer will be treated as invalid.

#### 21. Model Certificate for Tenders

I have read the clause regarding restrictions on procurement from a bidder of a country which shares a land border with India I 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 and is eligible to be considered.

#### 22. Model Certificates for Tenders for Work involving possibility of sub contracting

I have read the clause regarding restrictions on procurement from a bidder of a country which shares a land border with India and on sub contracting to contracting from such countries I 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 contract form 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.

23. Pre-Bid meeting is scheduled on dated 22.08.2022. So that all necessary clarification,

requirements from contractors can be addressed. participation in pre-bid meeting is mandatory for all contractors. subsequent to pre-bid meeting any clarification requirement from contractor will not be considered. offers from vendors who have not participated in the pre bid meeting will not be considered. representative who attend pre-bid meeting must have proper authorization letter from company. office ID, Aadhar Card & Should intimate details of the representative one day in advance for arranging visitor pass.

Provide Compliance for the above in Vendor Specified Commercial Terms.

## **A.1 Tender Schedule**

Tender Publish Date :	<b>08-08-2022 17:00</b>
Bid Clarification Due Date :	<b>05-09-2022 16:00</b>
Bid Submission Start Date :	<b>22-08-2022 17:00</b>
Bid Submission Due Date :	<b>05-09-2022 17:00</b>
Bid Opening Date :	<b>06-09-2022 10:30</b>
Price Bid Opening Date :	<b>06-10-2022 10:30</b>

## **A.2 Pre-bid Meeting Details**

<b>Date :</b>	<b>22-08-2022 10:30</b>
<b>Place :</b>	<b>GOVERNMENT OF INDIA DEPARTMENT OF SPACE LABORATORY FOR ELECTRO-OPTICS SYSTEMS (LEOS-ISRO) 1st STAGE, 1st CROSS, PEENYA INDUSTRIAL ESTATE BANGALORE -560 058 (INDIA)</b>
<b>Location :</b>	<b>Near Peenya Police station ,</b>
<b>Centre :</b>	<b>LABORATORY FOR ELECTRO OPTICS SYSTEM (LEOS), BANGALORE, KARNATAKA</b>
<b>Details :</b>	<b>Pre-Bid meeting is scheduled on dated 22.08.2022. So that all necessary clarification, requirements from contractors can be addressed. participation in pre-bid meeting is mandatory for all contractors. subsequent to pre-bid meeting any clarification requirement from contractor will not be considered. offers from vendors who have not participated in the pre bid meeting will not be considered. representative who attend pre-bid meeting must have proper authorization letter from company. office ID, Aadhar Card &amp; Should intimate details of the representative one day in advance for arranging visitor pass.</b>

## B. Tender Attachments

### Technical Write-up/Drawings

Document : CCTV Specifications

### Instructions To Vendors

#### 2. SPECIFIC COMMERCIAL TERMS AND CONDITIONS TO BE COMPLIED BY TENDERER[S]

1. Agency Commission if any: Tenderer[s] shall mention the percentage [%] of Agency Commission included in the quoted Price payable to the Indian Agent in equivalent Indian Rupees on the basis of TT buying rate of exchange prevailing on the date of placement of Purchase Order.

2. Applicable Law and Jurisdiction: Contract shall be interpreted, construed and governed by the Laws of India and the Courts in Bengaluru City alone shall have exclusive jurisdiction in this regard, to the extent permissible under the Arbitration and Conciliation Act, 1996. Non acceptance to this Clause will amount to rejection of the Tender.

3. Arbitration: a) For Indigenous: In the event of any dispute/s, difference/s or claim/s arising out of or relating to the interpretation and application of the Contract, such dispute/s or difference/s or claim/s shall be settled amicably by mutual consultations of the good Offices of the respective Parties and recognizing their mutual interests attempt to reach a solution satisfactory to both the parties. If such a resolution is not possible, within 30 days from the date of receipt of written notice of the existence of such dispute/s, then the unresolved dispute/s or difference/s or claim/s shall be referred to the Sole Arbitrator appointed by Director, LEOS, Bengaluru in accordance with the rules and procedures of Arbitration and Conciliation Act 1996 together with amendments thereto or any modification thereof. The expenses for the Arbitration shall be paid as may be determined by the Arbitrator. The Arbitration shall be conducted in Bengaluru. The considered and written decision of the Arbitrator shall be final and binding between the Parties. The 'Seat' for Arbitration shall be Bengaluru. The applicable language for Arbitration shall be 'English' only. Work under the contract shall be continued by the Tenderer during the pendency of arbitration proceedings, without prejudice to a final adjustment in accordance with the decision of the Arbitrator unless otherwise directed in writing by the Purchaser or unless the matter is such that the works cannot be possibly continued until the decision (whether final or interim) of the Arbitrator is obtained. Adherence and acceptance to this Clause is Compulsory or otherwise the Tender will be rejected. b) For Overseas Supplier: In the event of any dispute or difference arising out of or in connection with this Purchase Order, such dispute or difference shall be settled amicably by mutual consultants or through the good offices of the respective parties. If such resolution is not possible, then the unresolved dispute or difference shall be referred to the Sole Arbitrator appointed in accordance with provisions of the ICADR Arbitration Rules, 1996 of the International Center for Alternative Dispute Resolution, New Delhi. The Arbitration shall be conducted in India in accordance

with the Rules & Procedures of the Arbitration and Conciliation Act of 1996 or any re-enactment or modification thereof. The expenses for the Arbitration shall be paid as may be determined by the Arbitrator. The 'Seat' for Arbitration shall be Bengaluru. The applicable language for Arbitration shall be 'English' only. Adherence and acceptance to this Clause is Compulsory or otherwise the Tender will be rejected. c) For Public Sector Undertakings: In the event of any dispute or difference relating to the interpretation and application of the Contract, such dispute or difference shall be settled amicably by mutual consultations of the good Offices of the respective parties. If such a resolution is not possible, then the unresolved dispute or difference shall be referred to the Sole Arbitrator appointed in the Department of Public Enterprise under the Permanent Machinery for Arbitration. Non Adherence and acceptance to this Clause is Compulsory or otherwise the Tender will be rejected.

4. AS PER GOVERNMENT OF INDIA, MINISTRY OF FINANCE ORDER (PUBLIC PROCUREMENT NO-1) DATED 23 JULY, 2020, ANY BIDDER FROM A COUNTRY WHICH SHARES A LAND BORDER WITH INDIA WILL BE ELIGIBLE TO BID IN ANY PROCUREMENT WEATHER OF GOODS, SERVICE (INCLUDING CONSULTANCE SERVICES AND NON-CONSULTANCY SERVICES) OR WORKS (INCLUDING TURNKEY PROJECTS) ONLY IF THE BIDDER IS REGISTERED WITH THE COMPETENT AUTHOR ITIES. DEPARTMENT OF INDUSTRY AND INTERNAL TRADE DPIIT NEW DELHI

5. Bank Charges: Tenderer[s] are hereby requested to take note that 'All Bank Charges inside India shall be borne by the Purchaser'. Similarly, 'All Bank Charges outside India shall be borne by Contractor

6. Company postal address along with Email ID and PH No.

7. Delivery Date/Completion Date: Delivery is the essence of the Contract. Tenderer[s] are hereby requested to mention the Firm Delivery Date/Completion Date.

8. Delivery Terms: For Indigenous supply: FOR LEOS.

For Imports Supply : Use appropriate INCOTERM 2010

9. Delivery Terms [Indigenous Supply]: Tenderer[s] is requested to quote the Price[s] [Basic Price of item, Packing, Forwarding and Freight, Insurance and Handling Charges if any] up to LEOS, Bengaluru.

10. Factory Acceptance Testing [FAT] [if Required]: The successful Tenderer[s] has to arrange for the necessary FAT of the Stores at the Contractor Factory Premises to enable URSC Engineers to carry out FAT. The FAT is applicable wherever the RFP document/Scope of Work calls for such an FAT.

11. Freight Charges if any

## 12. General Terms & conditions for Bidders:

For this procurement, bids from Class-I & class-II Local Suppliers are admissible. hence 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. P-45021/2/2017-PP(BE-II) dated 04.06.2020 and subsequent amendment & directives shall be followed. Accordingly, offer will be evaluated & processed in conformation with above referred GOI order (Specially mentioned below). The bidder shall 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.

(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) Verification of local content:

(i) The Class I local supplier/ Class- II local supplier at the time to tender, bidding or solicitation shall be required to indicate percentage of local content and provide self-certification that the item offered meets the local content requirement for Class-I local supplier / Class II local supplier as the case may be. They shall also give details of the location(s) at which the local value addition is made.

(ii) In case bid value is in excess of Rs. 10 Cr., Class I local supplier / Class-II local supplier shall be required to provide a certificate from the statutory auditor or cost auditor of the company (in the case of companies) or from a practicing cost accountant or practicing chartered accountant (in respect of suppliers other than companies) giving the percentage of local content.

(iii) False declarations will be in breach of the code of Integrity under Rule 175(1)(i)(h) of the General Financial Rules (GFR) for which a bidder or its successors can be debarred for up to two years as per Rule 151 (iii) of the general Financial Rules along with such other actions as may be permissible under Law.

A supplier who has been debarred by any procuring entity for violation of this order shall not be eligible for preference under this order for procurement by any other procuring entity for the duration of the debarment. The debarment for such other procuring entities shall take effect prospectively from the date on which it comes to the notice of other procurement entities, in the manner prescribed.

**13. Goods and Services Tax [GST]: LEOS HAVING CONCESSIONAL GST UNDER NOTIFICATION NO 47(IGST) & 45 (CGST) OF INTEGRATED TAX (RATE), NECESSARY EXEMPTION CERTIFICATE WILL BE PROVIDED. APPLICABLE TAXES ARE 5% (SGST 2.5 %, CGST 2.5%)**

14. If an agent submit bid on behalf of the principal/OEM, the same agent shall not submit a bid on behalf of another principal/OEM in this tender for the same item. If submitted, all offers will be liable for rejection



15. In case the bidders propose any other payment terms in deviation with the standard terms mentioned in the tender enquiry, it may be noted that applicable cash flow implications will be loaded on the prices quoted for commercial comparison of the offers. If advance payments are insisted by the bidders, interest at the rate of MCLR (Marginal Cost Linked Rate) as notified by State Bank of India from time to time shall be loaded on the prices for price comparison

16. Insurance is not applicable to Government of India of Goods.

17. In this tender either the Indian agent on behalf of the principal/OEM or the principal /OEM itself can bid, but both cannot bid simultaneously for the same item. Indian agents while quoting on behalf of their principals shall provide necessary latest authorisation letter obtained from their principals/manufacturers

18. In this tender either the Indian agent on behalf of the principal/OEM or the principal /OEM itself can bid, but both cannot bid simultaneously for the same item. Indian agents while quoting on behalf of their principals shall provide necessary latest authorisation letter obtained from their principals/manufacturers. 2.If an agent submit bid on behalf of the principal/OEM, the same agent shall not submit a bid on behalf of another principal/OEM in this tender for the same item. If submitted, all offers will be liable for rejection.

19. Liquidated Damage: The time and date stipulated in the contract for completion of the work shall be deemed to be the essence of the contract. If the Contractor fails to deliver the Stores within the time specified in the Contract or any extension thereof or if the Contractor fails to maintain the required progress or comply with the relevant provisions of the general conditions of contract or special conditions of contract, if any and clear the site on or before the contract or extended date of completion, the Purchaser shall, without prejudice to any other right or remedy available under the law to Purchaser on account of such breach, recover from the Contractor as Liquidated Damages a sum one-half of one percent [0.5 percent] of the Contract price of the undelivered Stores for each calendar week of delay or part thereof. The total Liquidated Damages shall not exceed Ten percent [10 percent] of the Contract price of the unit or units so delayed. Adherence and acceptance to this Clause is Compulsory or otherwise the Tender will be rejected. In case of delay in delivery of the Stores beyond the delivery date stipulated in the Purchase Order/Contract or any extension thereof, such Stores shall be received without prejudice to the right of the Purchaser to claim Liquidated Damages and without prejudice to the terms and conditions of the Purchase Order/Contract.

20. Mode of Despatch ( Air/Road)

21. No. of Shipments.

22. Packing and Forwarding Charges if any please mention separately

23. Payment Terms- For Indigenous: Our Standard Payment Terms is 100% payment within 30 days after Receipt and Acceptance of Stores at LEOS.

24. Performance Bank Guarantee:The Contractor shall execute Performance Bank Guarantee for 3% value of the Purchase Order for fulfilment of Warranty obligations. The PBG shall be executed through Account Payee Demand Draft/ Fixed Deposit receipts or Bank Guarantee issued by a Nationalized Bank/Schedule Bank/International reputed Bank approved by RBI. The PBG shall be executed on a Non-Judicial Stamp Paper of Rs. 200/- value. The Performance Bank Guarantee shall be executed as per our specimen. The Performance Bank Guarantee shall be executed before claiming payment. The PBG will not carry any interest and shall be returned after completion of all the Contractual obligations of the Contract with a 'NO CLAIM CERTIFICATE' issued by Contractor as per our Specimen enclosed. Adherence to this clause is compulsory or otherwise, the Tender will be rejected.

25. Performance will be given to class-I Local supplier and in their absence, Class-II Local supplier will be considered.

26. Pre-Delivery Inspection [PDI] [if Required]: The successful Tenderer[s] has to arrange for the necessary PDI of the Stores at the Contractor Factory Premises to enable LEOS Engineers to carry out PDI. The PDI is applicable wherever the RFP document/Scope of Work calls for such an inspection..

#### 27. Product Scope

(I) local supplier Class- II local supplier shall offer only standard and catalogued product for Equipment / Spares Cards / assemblies. If the above offered Equipment / Cards / Assemblies are under development / to be developed the bid will not be considered.

28. PUBLICITY: No publicity of any kind whatsoever in case of PURCHASE ORDER shall be given by the Supplier without prior permission of the Purchaser. 2.Purchase Officer, LEOS, reserves the right to accept or reject any/or all the tenders in part or full without assigning any reasons thereof.

29. SECRECY: The technical information, drawings, specifications and other related documents, forming part of the CONTRACT, are the property of the Purchaser and shall not be used for any other purpose, except for execution of the CONTRACT. All rights, including rights in the event of grant of patent and registration of designs are reserved. The technical information, drawings, specifications, records and other documents shall not be copied, transcribed, traced or reproduced in any other form or otherwise in whole and/or duplicated, modified, divulged and/or disclosed to a third party nor misused in any other form whatsoever without Purchasers consent in writing except to the extent required for the execution of this CONTRACT. These technical information, drawings, specifications and other related documents shall be returned to the Purchaser with approved copies and duplicates, if any, immediately after they have been used for the agreed purpose.

30. Security Deposit: The Contractor shall execute Security Deposit for 3% of the value of the Purchase Order to ensure Satisfactory Performance of the Contract as per our specimen. The Security Deposit shall be executed within 20 days after Receipt of Purchase Order or any extension thereof. The Security Deposit is to be furnished in the form of Account Payee Demand Draft or Fixed Deposit Receipt or Bank Guarantee from Nationalized Bank/Scheduled Bank/International reputed Bank approved by RBI. The Security Deposit shall be executed on a Non-Judicial Stamp Paper of Rs. 200/- value. In case the Contractor fails to furnish the Security Deposit within 20 days or any extension thereof the Purchase Order shall be Cancelled or Terminated and appropriate penal action shall be initiated. Any breach of the Terms and Conditions of the PO including Delivery Period, Security Deposit shall be forfeited and PO shall be terminated and cancelled at the Contractor's risk, cost and liability. The Security Deposit will not carry any interest and

31. Taxes : Government of India has implemented Goods and Services Tax [GST] w.e.f 01.07.2017. The Tenderer[s] should mandatorily possess a valid GSTIN along with the GST Registration Certificate. Please send duly self attested certificate of GST Registration along with offer[s], in the absence of which your offer[s] will be invalid and shall not be considered.

32. Tenderer[s] are requested to mention whether Installation, Testing, Commissioning, Demonstration, Acceptance and imparting Training is necessary for the Tendered Stores. Do not mention any price under this column in case of Two Part Tender.

33. The percentage of local content should be specifically mentioned in the offer, without which it will be summarily rejected.

34. Training if any

35. Validity of Offer [180 Days].

36. Warranty/Guarantee: Tenderer[s] are requested to indicate Applicable Standard Warranty/Guarantee Period. All the replacements during the Warranty period shall be carried out by the successful Tenderer[s] Free of all Cost including To and Fro Freight Charges.

37. Whether Export Licence Required

### **3. INSTRUCTIONS TO TENDERERS AND GENERAL TERMS AND CONDITIONS**

1. Acceptance of Stores:

(a) The Stores shall be tendered by the Contractor for Inspection at such places as may be specified by the Purchaser at the Contractor's own risk, expenses and cost.

(b) It is expressly agreed that the acceptance of the Stores contracted for is subject to final approval by the Purchaser, whose decision shall be final.

(c) If, in the opinion of the Purchaser, all or any of the Stores that do not meet the performance or quality requirements specified in the Purchaser Order, they may be either rejected or accepted at a price to be fixed by the purchaser and his decision as to rejection and the prices to be fixed shall be final and binding on the Contractor.

(d) If the whole or any part of the Stores supplied are rejected in accordance with Clause No.17 above, the Purchaser shall be at liberty, with or without notice to the Contractor, to Purchase in the open market at the expense of the Contractor, stores meeting the necessary performance and quality contracted for in place of those rejected, provided that either the purchaser or the agreement to purchase from another supplier is made six months from the date of rejection of the Stores as aforesaid.

## 2. Address of Indian Agent:

[In case of the overseas Supplier, please mention the Name and complete Postal Address of their Indian Agent with necessary details on Type of Relationship, Proof of Certificate if any].

## 3. Agency Commission:

The amount of Commission included in the price and payable to the Indian Agent of the Contractor shall be paid directly to the Indian Agent[s] by the Purchaser in equivalent Indian Rupees on the basis of an Invoice from the Indian Agent by applying T.T. buying rate of exchange ruling on the date of placement of the Purchase Order/Contract and within 30 days from the date of receipt and acceptance of the stores.

The Contractor shall Invoice only for the net amount payable to him, after deducting the amount of Agency Commission included in the Invoice which would be paid to the Indian Agent[s] directly by the Purchaser. However, the Contractor[s] quote should separately reflect the amount of Commission payable to his Indian Agent.

As per the Compulsory Enlistment Scheme of the Department of Expenditure, Ministry of Finance, it is compulsory for Indian Agents who desired to quote directly on behalf of their Foreign Principals to get themselves enlisted with the Central Purchase Organization [Eg: DGS&D]

## 4. Annual Maintenance Contract [AMC]/Extended Warranty:

Tenderers are requested to quote separately towards Annual Comprehensive Maintenance Service / Extended Warranty and Non-Comprehensive Maintenance besides attending to unlimited Break-Down calls wherever specification calls for after expiry of Standard Warranty.

5. Applicable Law: The Contract shall be interpreted, construed and governed by the Laws of India.

## 6. Arbitration:

In the event of any dispute or difference relating to the interpretation and application of the Contract, such dispute or difference shall be settled amicably by mutual consultations of the good Offices of the

respective parties. If such a resolution is not possible, then the unresolved dispute or difference shall be referred to the Sole Arbitrator appointed by Director, LABORATORY FOR ELECTRO-OPTICS SYSTEMS Bangalore in accordance with the rules and procedures of Indian Arbitration and Conciliation Act 1996 or any modification thereof. The decision of the Arbitrator shall be final and binding on both the parties. The expenses for the Arbitration shall be paid as may be determined by the Arbitrator. The Arbitration shall be conducted in Bangalore.

Pending the submission of and/or decision on a dispute, difference or claim or until the Arbitral award is published; the Parties shall continue to perform all of their obligations under this Agreement without prejudice to a final adjustment in accordance with such award.

#### 7. Arbitration with Overseas Supplier:

In the event of any dispute or difference arising out of or in connection with this Purchase Order, such dispute or difference shall be settled amicably by mutual consultants or through the good offices of the respective parties. If such resolution is not possible, then the unresolved dispute or difference shall be referred to the Sole Arbitrator appointed in accordance with provisions of the ICADR Arbitration Rules, 1996 of the International Center for Alternative Dispute Resolution, New Delhi. The Arbitration shall be conducted in India in accordance with the Rules & Procedures of the Arbitration and Conciliation Act of 1996 or any re-enactment or modification thereof. The decision of the Arbitrator shall be final and binding upon the parties and the expenses for the arbitration shall be paid as may be determined by the Arbitrator.

8. Arbitration with Public Sector Undertakings In the event of any dispute or difference relating to the interpretation and application of the Contract, such dispute or difference shall be settled amicably by mutual consultations of the good Offices of the respective parties. If such a resolution is not possible, then the unresolved dispute or difference shall be referred to the Sole Arbitrator appointed in the Department of Public Enterprise under the Permanent Machinery for Arbitration.

9. Bank Charges: All Bank Charges Payable within India shall be borne by Purchaser. Similarly, all Bank Charges Payable outside India shall be borne by the Supplier.

#### 10. Bank Guarantee towards Free Issue Materials (FIM):

The successful Tenderers shall furnish Bank Guarantee (BG) towards the cost of Free Issue Materials issued by Purchaser towards adequate Security for the FIM for the execution of the Contract. The BG is to be kept valid till supply and acceptance of the final product.

(1) In the case of Public Sector Undertaking and Government Organization, Indemnity Bond [IB] together with Insurance shall be considered.

(2) For Fabrication of items, the supplier should quote the rates considering the Scrap Materials generated and taken over by Supplier.

#### 11. Buy-Back Offer:

Wherever Contract considered necessary, the quotation shall be given separately with Buy-Back Offer

and also without Buy-Back Offer so as to enable Purchaser either to Trade or not to Trade the item while purchasing the new one.

12. Conditional Discount/Offer: Conditional Discounts/Offer will not be considered.

13. Contractor[s] Default Liability:

(1) The Purchaser may upon written notice of default to the Contractor, may terminate the contract in whole or in part in circumstances detailed hereunder:-

(a) If in the judgment of the Purchaser, the Contractor fails to make delivery of Stores within time specified in the Contract/Agreement or within the period for which extension has been granted by the Purchaser to Contractor.

(b) If in the judgment of the Purchaser, the contractor fails to comply with any of the other provisions of this Contract.

(2) In the event of Purchaser terminating the contract in whole or in part thereof, as provided in Clause 18.1, the Purchaser reserves the right to purchase, upon such terms and in a manner as he may deem appropriate, Stores similar to that terminated and the Contractor shall be liable to the Purchaser for any additional cost for such similar Stores, and/or for Liquidated Damages for delays as defined in Clause 23 until such reasonable time as may be required for the final supply of Stores.

(3) If this contract is terminated as provided in Clause 18.1 the Purchaser in addition to any other rights provided in this Article, may require the Contractor to transfer title and deliver to the Purchaser under any of the following cases in the manner and as directed by the Purchaser.

(a) Any completed Stores.

(b) Such partially completed Stores, drawing information and Contract right (here-in-after called manufacturing material) as the Contractor has specifically produced or acquired for the Contract as terminated. The Purchaser shall pay to the Contractor, the Contract price for completed Stores delivered to and accepted by the Purchaser and for manufacturing materials delivered and accepted.

(4) In the event, the Purchaser does not terminate the Contract as provided in Clause 18.1, the Contractor shall continue the performance of the Contract, in which case he shall be liable to the Purchaser for Liquidated Damages for delay as set out in Clause 23 until the Stores are accepted.

14. Counter Terms & Conditions: Where counter terms and conditions printed or cyclostyled condition have been offered by the supplier, the same shall not be deemed to have been accepted by the Purchaser, unless specific written acceptance thereof, is obtained.

15. Definitions:

(a) The term Purchaser shall mean the President of India or his successors or assigns.

(b) The term Contractor shall mean the person, firm or company, with whom or with which the Order for the supply of Stores is placed and shall be deemed to include the Contractors

Successors/Representative, Heirs, Executors and Administrators unless excluded by the Contract.

(c)The term Purchase Order shall mean the communication signed on behalf of the Purchaser by an officer duly authorized intimating the acceptance on behalf of the Purchaser on the terms and condition mentioned or referred to in the said communication accepting the Tender or offer of the Contractor for supply of Stores or plant, machinery or part thereof.

(d)The term Stores shall mean what the Contractor agrees to supply under the Contract as specified in the Purchase Order including erection of plants and machinery and subsequent testing should such a condition be included in the Purchase Order.

#### 16. Delay in Completion/Liquidated Damages:

If the Contractor fails to deliver the Stores within the time specified in the Contract or any extension thereof, the Purchaser shall recover from the Contractor as Liquidated Damages a sum one- half of one percent (0.5 percent) of the Contract price of the undelivered Stores for each calendar week of delay or part thereof. The total Liquidated Damages shall not exceed Ten percent (10 percent) of the Contract price of the unit or units so delayed. Stores will be deemed to have been delivered only when all its component/parts are also delivered in full to make use of the whole system/equipment as the case may be. If certain components/ parts are not delivered in time, the entire value of Contract/Stores will be considered as delayed until such time as the missing parts are delivered. Delivery is yet to be complete when Installation, Commissioning, Testing and Acceptance is completed wherever it is applicable.

#### 17. Demurrage:

Supplier shall bear demurrage charges if any, incurred by the Purchaser due to delayed presentation of shipping documents as prescribed in Para 4.2 to the Bankers within reasonable time (say within 10-12 days) from the date of Bill of Lading for Sea Consignments and within 12 days from the date of Air Way Bill for Air Consignments.

#### 18. Earnest Money Deposit/Bid Security:

The Tender should be accompanied with an Earnest Money Deposit for a prescribed amount wherever called for in the Notice Inviting Tender [NIT].

#### 19. Erection of Plant and Machinery:

Wherever erection of plant or machinery is the responsibility of the Contractor as per the terms of the Contract and in case the Contractor fails to carry out the erection as and when called upon to do so within the period specified by the Purchaser, the Purchaser shall have the right to get the erection done through any source of his choice. In such an event, the Contractor shall be liable to bear any additional expenditure that the Purchaser is liable to incur towards erection. The Contractor, shall, however, not be entitled to any gain due to such an action by the Purchaser.

#### 20. Evaluation of Tenders:

The Evaluation/Loading criteria in respect of Payment Terms, Performance Bank Guarantee, Free

issue of Materials etc., having financial implications will be considered to arrive L-1 status.

21. Fall Clause: Fall Clause will be applicable wherever considered necessary.

22. Force Majeure:

(1) If the completion of supply of Stores is delayed due to reasons of Force Majeure, such as Acts of God, Acts of Public Enemy, Acts of Government, Fires, Flood, Epidemics, Quarantine, Restrictions, Strikes, Lockouts, Civil Commotion, Riots, Freight Embargoes and Stoppage of services by Government, refusal or non-receipt of Import License for imported items, the delay in service shall be extended by a period[s] not in excess of duration of such Force Majeure. Each party undertake to advise the other as soon as it becomes aware of the circumstance of such Force Majeure, so that actions under the provisions of this contract can be mutually reviewed and agreed upon between the Contractor and the Purchaser.

(2) The Contractor shall give notice within 15 days to the Purchaser in writing of his claim for an extension of time. The Purchaser on receipt of such notice after verification, if necessary, may agree to extend the Contract Delivery Date as may be reasonable but without prejudice to other Terms and Conditions of the Contract.

(3) If the Force Majeure condition extends over a period of Three [03] months both the parties of the Contract shall mutually discuss and arrive at an agreement for continuation or termination of the Contract.

23. For items having Shelf Life, the same shall be supplied with maximum Shelf Life if order is placed.

24. Free Supply of Public Tender Documents:

One set of tender documents, can be supplied free of cost to Government Departments, Public Sector Undertakings [both Central and State]. Tender documents, can also be supplied free of cost to Foreign sources.

25. Guarantee and Replacement:

(a) The Contractor shall guarantee that the Stores supplied shall comply fully with the specifications laid down, for material, workmanship and performance for a period of Twelve months [12] after the acceptance of the Stores. If any defects are discovered, therein or any defects therein are found to have developed under proper use arising from faulty materials, design or workmanship, Contractor shall remedy such defects at his own cost provided, he is called upon to do so within a period of 14 months from the date of acceptance thereof, by the Purchaser who shall state in writing in what respect the Stores or any part thereof, are faulty.

(b) If in the opinion of the Purchaser, it becomes necessary to replace or renew any defective Stores, such replacement or renewal shall be made by the Contractor free of all costs to the Purchaser,



provided the notice informing the Contractor of the defect is given by the Purchaser in this regard within the said period of 14 months from the date of acceptance of stores thereof.

(c) If Contractor fail to rectify the defects, the Purchaser shall have right to reject or repair or replace, at the cost of the Contractor the whole or any portion of the defective Stores.

(d) The decision of the Purchaser, notwithstanding any prior approval or acceptance or inspection thereof, on behalf of the Purchaser, as to whether or not the Stores supplied by the Contractor are defective or any defect has developed within the said period of 12 months or as to whether the nature of the defects requires renewal or replacement, shall be final, conclusive and binding on the Contractor.

(e) To fulfill guarantee conditions outlined in Clause 24 (a) to (d) above, the Contractor shall, at the option of the Purchaser, furnish a Bank Guarantee (as prescribed by the Purchaser - Bank Guarantee format) from a Nationalized/Scheduled Bank approved by the Purchaser for an amount equivalent to 10% of the value of the Contract within a reasonable time after the receipt of PO/Contract for the due performance of the Contract as well as the product delivered. On the performance and completion of the contract in all respects, the Performance Bank Guarantee will be returned to the Contractor without any interest.

(f) All the replacement Stores shall also be guaranteed for a period of 12 months from the date arrival of Stores at Purchasers site.

(g) Even while the 12 months guarantee applies to all Stores in case where a greater period is called for by our specifications then such a specification shall apply, in such cases the period of 14 months referred to in Clause 24 (a) and (b) shall be the asked for guarantee period plus two months.

#### 26. Guaranteed Time of Delivery:

The time for and the date of delivery of Stores will be deemed to be the essence of the Purchase Order/Contract failing which Purchaser reserves the right to Cancel the Order/Contract at his discretion.

#### 27. Implementation of Government Purchase and Price Preference Policy for MSEs:

In order to avail of the benefits extended by Government of India to the Micro and Small Enterprises [MSEs], please submit attested copy of the valid Entrepreneur Memorandum Part-II signed by General Manager, District Industries Center or National Small Industries Corporation [NSIC] Registration Certificate along with your offer. The facilities/ benefits will be extended as per Order No: 25(2)/2011-MA dated 14.10.2011 issued by Ministry of MSME, Government of India, New Delhi.

28. Import Licence:

All Imports are being covered under Free Importability under Para 2.1 of Chapter 2 of EXIM Policy 2009-2014 of Government of India. No separate Import License is required. If it is required subsequently, Department will obtain necessary Import License. Similarly, if Export License is required, the Tenderer[s] shall mention the same while submitting the offer.

29. Indemnity: The Contractor shall warrant and deemed to have warranted that all Stores supplied against this contract are free and clean of infringement of any Patent, Copy Right or Trademark and shall at all times indemnify the Purchaser against all claims which may be made in respect of the Stores for infringement of any right protected by Patent, Registration of the design or Trade mark and shall take all risk of accidents or damage which may cause a failure of the supply from whatever cause arising and the entire responsibility for the sufficiency of all the means used by him for the fulfillment of the Contract.

30. Inspection and Acceptance Tests:

(1) The Purchasers representatives shall also be entitled at all reasonable times during manufacture to Inspect examine and test at the Contractors premises, the material and workmanship of all Stores to be supplied under this contract and if part of the said Stores is being manufactured on other premises, the Contractor shall obtain the Purchases representative permission to inspect, examine and test and shall not release the Contractor from the obligations under this Contract.

(2) For tests on the premises of the Contractor or any of his sub- contractors, the Contractor shall Provide Free of Cost Assistance, Labour, Materials, Electricity, Fuel and Instruments as may be required or as may be reasonably needed by the Purchasers representative to carry out the tests efficiently.

(3) When the Stores have passed the specified test, the Purchasers representative shall furnish a certificate to this effect in writing to the contractor. The contractor shall provide copies of Test Certificate to the Purchaser as may be required.

31. Inspection/Test/Certificate should be provided for the goods after testing it thoroughly at the Contractors works. If any inspection by Lloyds or any other Testing Agency is considered necessary, it shall be arranged by Contractors on the instructions of the Purchaser.

32. Instruction/Operation Manual containing all assembly details including wiring diagrams should be sent wherever necessary in duplicate. All documents/correspondence should be in English language only.

33. Instructions to E-Procurement Tenderers:

(a) . LABORATORY FOR ELECTRO-OPTICS SYSTEMS (LEOS-ISRO) has implemented e-tender system for ONLINE tenders. LEOS invites offers through e-tender portal <https://e-procure.isro.gov.in> for the supply of items. The suppliers need to get enrolled in the e-tender portal to access tender and submit their offer online. Vendors need to have Digital Signature Certificate as detailed on our e-portal

and corporate e-mail ID to register on the above portal. Only online tenders will be accepted. No Manual/Postal/courier/e-mail/Fax offers will be entertained. No Manual tender document will be issued by LEOS.

(b). Interested tenderers may login to <https://eprocure.isro.gov.in> and submit offers online & send prescribed tender fees by post.

(c). Your quotation should be valid for 180 days from the date of opening of the tender.

(d). Quote should be submitted in Single Part/ Two Part as specified in the Tender Enquiry.

(e). Our Tender Enquiry contains technical requirements and specification. The detailed technical specification of your offer should be covered in Technical Bid.

(f). Specification: Stores offered should strictly conform to our specification. Deviations, if any, should be clearly indicated by the tenderer in their quotation. The tenderer should also indicate the make / Type number of the stores offered and upload catalogues, technical literature along with the quotations and provide samples wherever necessary. Test Certificates wherever necessary should be forwarded along with Supplies. Whenever options are called for and specifically mentioned by us, the tenderer could suggest changes to specifications with appropriate response for the same.

(g). In the case of Two part tender no Price details should be disclosed in the Technical Bid. In case, Price details are mentioned, the same will be rejected. The Technical documents need to be attached online as a single PDF file without any price information.

(h). In case of Two Part Tender, Commercial Terms to be covered in the first Part (Technical Bid) are Delivery Terms as per (INCOTERMS), Delivery period, Payment Terms (without mentioning the price or amount), acceptance of Bank Charges payable outside India, Whether items needs Export Licence, Validity of the Offer, Warranty/Guarantee, Performance Guarantee, Liquidated Damages (for delayed supplies) and All available technical literature, catalogues and other data in support of the specifications and details of the items etc, which have to be filled up on line.

(i). Prices are required to be quoted according to the units indicated, in the second Part (Commercial Bid) only.

(j) The quote should indicate quantity wise unit rate separately which have to be filled online. The Prices are to be mentioned both in figures as well as in words. Where there is difference between amounts quoted in words and figures, the amount quoted in words shall prevail. The taxes, duties etc where legally liveable & intended to be claimed shall be calculated and indicated in the column provided in online forms explicitly.

(k). LEOS ARE HAVING CONCESSIONAL GST UNDER NOTIFICATION NO 47(IGST) & 45 (CGST) OF INTEGRATED TAX (RATE), NECESSARY EXEMPTION CERTIFICATE WILL BE PROVIDED. THE APPLICABLE TAX IS 5%(SGST 2.5 %, CGST 2.5%)

(l) Samples, if called for, should be submitted free of charges by the tenders and the Purchaser shall not be responsible for any loss or damages thereof, due to any reason whatsoever. In the event of non acceptance of tender, the tenderer will have to remove the samples at his own expenses.

(m) Approximate Net and Gross weight of the items offered shall be indicated in your offer. If dimensional details are available the same should also be indicated in your offer.

(n) In order to avail of the benefits extended by Government of India to the Micro and Small Sectors, please attach copy of the valid Entrepreneur Memorandum Part II signed by the General Manager,

District Industries Centre or NSIC Registration Certificate along with your offer as a PDF file through online.

- (o) The document solicited from vendor should be submitted online. Document has to be a single PDF file and attached online.
- (p) Indian agents while quoting on behalf of their principals are requested to attach necessary authorization letter [PDF file] from their Principals. (OEM Letter)
- (q) The vendors are requested to submit the bids online at least two days prior to closing date to avoid last minute computer network related problems. Request for the extension of the due date will not be considered.
- (r) Once the offer is submitted in online mode by the vendor, they will not be able to provide revised offer.
- (s) The Purchaser shall be under no obligations to accept the lowest or any tender and reserve the right of acceptance of the whole or any part of the tender or portion of the quantity offered and the tenderers shall supply the same at the rates quoted.
- (t) The exact date and time of opening of price bid of successful tenderers will be intimated later. in case of two Part Tender.
- (u) The technical bid / commercial bid opening date and time indicated is tentative. There may be changes / delay due to Network/ Computer Server related problems and the tender opening may get delayed by one or two days.
- (v) The suppliers have to provide the Open Authorization as per schedule defined. Their bids will not be valid if this is not submitted online before the Open authorization closing date.
- (w) All vendors should regularly see the e-mail being sent from e-procurement portal for initiating appropriate action.
- (x) The tenderer should furnish along with their tender the name of his Bankers,
- (y) The Purchaser reserves the right to place order on the successful tenderers for additional quantity at the rates quoted.

#### 34. Insurance of the Stores:

No Insurance is required at our cost. The Supplier shall be responsible for insuring the Stores wherever considered necessary. The Contractor shall however, be responsible for notifying to the purchaser or the insurer nominated by the purchaser, the complete details of the proposed shipments including the value of each shipment and other relevant data immediately after shipment, to enable the Purchaser or the Insurers to arrange for the issuance of the Insurance Policy, if required. The necessity or otherwise of Insurance will be as indicated in the Purchase Order.

35. It is expressly agreed that the acceptance of the Stores contracted for is subject to final approval in writing by the Purchaser.

36. Jurisdiction: The Courts within Bengaluru will have the Jurisdiction to deal with and deciding any matter arising out of this Contract.

### 37. Language and Measures:

All documents pertaining to the Contract including specification schedule notices, correspondence, operating and maintenance instruction drawings or any other writing shall be written in English language only. The metric system of measurement shall be used exclusively in the Contract.

### 38. Mode of Despatch:

Generally, Stores should be dispatched by Indian Flagged Vessel or Conference Vessel or through our designated Freight Forwarder or any other Agency nominated by the Purchaser. A copy of the Invoice and Packing List should invariably be kept inside each of the package.

### 39. Packing:

(a)The Contractor wherever applicable shall pack and crate all Stores for Sea/Air shipment as applicable in a manner suitable for export to a tropical humid climate, in accordance with Internationally accepted Export practices and in such a manner so as to protect it from damages and deteriorations in transit by Road, Rail or Sea for Space qualified Stores. The Contractors shall be held responsible for all damages due to improper packing.

(b)The Contractor shall ensure that each Box/Unit of shipments are legible and properly marked for correct identification. The failure to comply with this requirement shall make the contractor liable for additional expenses involved.

(c)The Contractor shall notify the Purchaser of the date of shipment from the Port of Embarkation as well as the expected date of arrival of such shipment at the designated Port of Arrival.

(d)The Contractor shall give complete shipment information concerning the weight, size, content of each packages etc.,

(e)Transshipment of equipments shall not be permitted except with written permission of Purchaser.

(f)Apart from the despatch documents negotiated through Bank, the following document shall also be airtailed to the Purchaser within 7 days from the date of shipment by Sea and within 3 days in case of Air Consignment:

a. Commercial Bill of Lading/Air Way Bill, Post Parcel Receipt (two non-negotiable copies).

b. Invoice (3 copies).

c. Packing List (3 copies).

d. Test Certificates (3 copies).

e. Certificate of Origin as declared in the Invoice.

f. Warranty/Guarantee Certificate

Contractor shall also ensure that one copy of the Packing List is enclosed in each case/box.

40. Parallel Contract: LEOS reserves the right to enter into Parallel Contract/s with one or more Contractors.

### 41. Participation of Indian Agents:

a Tender, either the Indian Agent on behalf of Principal/OEM or Principal/OEM itself can bid. But both cannot bid simultaneously for same item/product. If an Agent submit bid on behalf of Principal/OEM,

the same Agent shall not submit a bid on behalf of another Principal/OEM in the same Tender for the same item/product.

42. Permitted Number of Shipment [ONE] only. Any additional is shipment will be at suppliers cost. Part shipment is not allowed unless specifically agreed to by us.

43. Port of Entry:

For Sea Consignments, the Port of Entry shall be Indian flagged conference vessel / S C I vessel Port of entry Chennai / krishna patnam. The Port of Ultimate Destination shall be INLAND CONTAINER DEPOT ICD, BENGALURU. The Customs Clearance shall be arranged at ICD Bengaluru. For Air Consignments, Port of Entry shall be BENGALURU INTERNATIONAL AIRPORT

44. Prices:

Tenders offering firm prices will be preferred. Where a price variation clause is insisted upon by a tenderer for quotations a reasonable ceiling should be submitted. Such offers should invariably be supported by the base price taken into account at the time of tendering and also the formula for any such variations.

45. Purchase Preference to Public Sector Undertakings:

Wherever, Purchase/Price Preference is applicable for Public Sector Undertaking [PSUs] will be as per the extant orders of Department of Space.

46. Rejection:

If the Stores supplied by the Contractor are found defective in material or workmanship or otherwise not in conformity with the requirements of the Contract specification, the Purchaser shall either reject the Stores or request the Contractor in writing to rectify the same. The contractor, on receipt of such notification shall either rectify or replace the defective Stores free of cost to the Purchaser. If the Contractor fails to do so, the Purchaser may either:-

(a) Replace or rectify such defective Stores and recover the extra cost so involved from the Contractor, or

(b) Terminate the Contract for default as provided under Clause 18 above.

(c) Acquire the defective Stores at a reduced price considered equitable under the circumstances.

The provision of this Article shall not prejudice the Purchasers rights under Clause 23.

47. Replacement:

If the Stores or any portion thereof, is damaged or lost during the transit, the Purchaser shall give notice to the Contractor setting forth particulars of such Stores damaged or lost during transit. The replacement of such Stores shall be effected by the Contractor within a reasonable time to avoid unnecessary delay in the intended usage of the Stores. The price of replacement items shall be paid by the Purchaser on the basis of original price quoted in the tender or as reasonably worked out from the tender. The cost of damages will however, be claimed by the Purchaser from the Insurance

Company. The Import Licence/Customs Clearance Permit for the replacement will be provided by the Purchaser.

48. Risk Purchase: Risk Purchase Clause will be applicable wherever considered necessary.

49. Security Interest: On each item to be delivered under this Contract, including an item of work in progress in respect of which payment have been made in accordance with the Terms of the Contract. Purchaser shall have a Security Interest in such items which shall be deemed to be released only at the time when the applicable deliverable items is finally accepted and delivered to the Purchaser in accordance with the terms of Contract. Such Security Interest of the Purchaser shall constitute a prior charge as against any other charge or interest created in respect of such items by any other entity.

50. Shipping Marks : The marks on the shipping documents such as Invoice, Bill of Lading/Airway Bill and on the packages should be as follows:

Purchase Order No

GOVERNMENT OF INDIA, DEPARTMENT OF SPACE, LABORATORY FOR ELECTRO-OPTICS SYSTEMS (LEOS-ISRO), 1st STAGE, 1st CROSS, PEENYA INDUSTRIAL ESTATE, BANGALORE - 560 058 (INDIA)

51. Splitting of Order[s]:

The Volume/Quantity for certain specialized nature of jobs is considerably large and it is necessary the orders are split with more than one party in order to ensure timely delivery/services. LEOS reserves right to split the Purchase Orders to more than one party. However, every effort will be made to bring the Commercial aspect including price of the parties on a single common platform. This is aimed at providing equal opportunity for the parties while taking the decision.

52. Termination:

Under the normal circumstances, Termination/Short Closing of the PO/Contract is not foreseen. However in case of continued non performance of the PO/Contract, LEOS reserves the right to: [i] Terminate the Contract wholly or partly by giving 30 days prior notice [ii] LEOS reserves the right to terminate the PO/Contract at any time by giving 30 days prior notice.

53. Terms of Payment in case of Indigenous Supplier[s]:

Contractor [s] Bill will be passed for payment only after the Stores have been received, inspected and accepted by the Purchaser. Normally payment will be made for the accepted Stores within 30 days from the date of receipt and acceptance of the material at LEOS.

54. Terms of Payment in case of Overseas Supplier[s]:

(1) Being a Government of India Department, the normal terms of payment are by Sight Draft [SD]. However, other terms of payment like establishment of Letter of Credit [LC] may be considered by the

Purchaser on such terms and conditions as may be agreed upon.

(2) The Sight Draft/Letter of Credit will be operative on presentation of the following documents:

(a) Original Bill of Lading/Airway Bill.

(b) Commercially certified Invoices describing the Stores delivered, quantity unit rate and their total value in triplicate. The Invoice should indicate the discounts, if any and Agency Commission separately.

(c) Packing list showing individual Dimensions and Weight of the Packages.

(d) Country of Origin can be declared on the Invoice.

(e) Test Certificate.

(f) Declaration by the Seller that the Contents in each case are not less than those entered in the Invoices and the quality of the Stores are guaranteed as per the specification asked by the Purchaser.

(g) Warranty and Guarantee Certificates as per Clause 24.

55. The Authority of person signing the Tender, if called for shall be produced.

56. The Purchaser reserves the right to accept or reject any offer in whole or in part without assigning any reason.

57. Training: The Contractor shall, if required by the Purchaser, provide facilities for the Practical Training of Purchaser's Engineering or Technical Personnel from India and for their active association on the manufacturing process throughout the manufacturing period of the Contract/Stores, number of such personnel to be mutually agreed upon.

58. Transparency: Tenderers are free to ask Purchaser for the Bidding conditions, Process and/or Rejection of bids etc., during the procurement process.

59. Ultimate Consignees:

Purchase & Stores Officer [Stores], LABORATORY FOR ELECTRO-OPTICS SYSTEMS 1st STAGE, 1st CROSS, PEENYA INDUSTRIAL ESTATE, BANGALORE -560 058 (INDIA)

60. Validity of Offer: The offer should be valid for a minimum period of 180 days from the date of opening of the tender.

61. Where Erection, Assembly or Commissioning is a part of the Contract, it should be done immediately on notification. The Contractor shall be responsible for any loss/damages sustained due to delay in fulfilling this responsibility

#### **4. Terms & Condition to Tenderers (Local / Indigenous) INSTRUCTIONS TO TENDERERS**

1. Acceptance of Stores:

(a) The stores shall be tendered by the contractor for inspection at such places as may be specified by



the Purchaser at the Contractors own risk, expenses and cost.

(b) It is expressly agreed that the acceptance of the Stores contracted for is subject to final approval by the Purchaser, whose decision shall be final.

(c) If, in the opinion of the Purchaser all or any of the stores that do not meet the performance or quality requirements specified in the Purchase Order, they may be either rejected or accepted at a price to be fixed by the Purchaser and his decision as to rejection and prices to be fixed shall be final and binding on the Contractor.

(d) If the whole or any part of the stores supplied are rejected in accordance with Clause No. 8 above, the Purchaser shall be at liberty, with or without notice to the Contractor, to Purchase in the open market at the expense of the Contractor, store meeting the necessary performance and quality contracted for in place of those rejected provided that either the purchase, or the agreement to purchase, form another supplier is made within six months from the date of rejection of the stores as aforesaid.

## 2. Arbitration:

Any question, dispute or difference of opinion what soever that may arise between the purchaser and the Contractor in connection with this Contract shall to the extent possible be settled amicably between the Signatories of this Contract.

In case of any dispute or disagreement or question arising out of or relating to or in consequence of the Contract or to its construction or fulfillment or the validity of enforcement thereof which cannot be settled mutually or the settlement of which is not herein specifically provided for, the aggrieved Party shall within thirty days (or such longer period as may be mutually agreed to) inform the other party in writing that such disputes or disagreements be referred to a Board of Arbitration to be constituted within the said notice period of 30 (thirty) days consisting of a Nominee of the Purchaser, a Nominee of the Contractor and a Nominee of the Chief Justice of India who will be the Chairman of the Board.

The arbitration shall be conducted in accordance with the rules and procedures for arbitration as laid down in the Arbitration and Conciliation Act, 1996 as amended from time to time and the decision of the Arbitration shall be final and binding on both Parties. Each Party shall bear its own cost of preparing and presenting its case. The cost of Arbitration including fees and other expenses of the Arbitration shall be equally shared by the Parties unless the award provided otherwise.

Performance under this Contract shall however continue during arbitration proceedings and no payment due or payable by the Parties hereto shall be withheld unless any such payment is or forms part of the subject matter of arbitration proceedings. The place of arbitration shall be Bangalore.

3. AS PER GOVERNMENT OF INDIA, MINISTRY OF FINANCE ORDER (PUBLIC PROCUREMENT NO-1) DATED 23 JULY, 2020, ANY BIDDER FROM A COUNTRY WHICH SHARES A LAND BORDER WITH INDIA WILL BE ELIGIBLE TO BID IN ANY PROCUREMENT WEATHER OF GOODS, SERVICE (INCLUDING CONSULTANCE SERVICES AND NON-CONSULTANCY SERVICES) OR WORKS (INCLUDING TURNKEY PROJECTS) ONLY IF THE BIDDER IS REGISTERED WITH THE COMPETENT AUTHORITIES. DEPARTMENT OF INDUSTRY AND INTERNAL TRADE 9DPIIT0 NEW DELHI.

4. As per Rule 144(xi) of General Financial Rules, 2017, any bidder from a country which shares a land border with India will be eligible to bid in any procurement whether of goods, services (including consultancy services and non-consultancy services) or works (including turnkey projects) only if the bidder is registered with the Competent Authority (i.e., Department for Promotion of Industry and Internal Trade) in line with Order (Public Procurement No. 1, 2 and 3) dated 23/07/2020 and 24/07/2020 or any amendments thereon issued by the Public Procurement Division, Department of Expenditure, Ministry of Finance. Hence, Vendors or Agents of a Vendor (Indian or Others) from a country sharing border with India shall submit the copy of Valid Registration made with DPIIT along with the tender mandatorily, without which the offer will be treated as invalid.

5. (a) Your quotation should be valid for 180 days from the date of opening of the tender.

(b) Prices are required to be quoted according to the units indicated in the annexed tender form. When quotations are given in terms of units other than those specified in the tender form, relationship between the two sets of units must be furnished.

6. Corrections, if any, must be attested. All amounts shall be indicated both in words as well as in figures. Where there is difference between amounts quoted in words and figures, amount quoted in words shall prevail.

#### 7. Counter Terms and Conditions of Suppliers:

Where counter terms and conditions/Printed or cyclostyled conditions have been offered by the supplier, the same shall not be deemed to have been accepted by the Purchaser, unless specific written acceptance thereof is obtained.

#### 8. Definitions

(a) The term Purchaser shall mean the President of India or his successors or assigns.

(b) The term Contract shall mean, the person, firm or company with whom or with which the Order for the supply of stores is placed and shall be deemed to include the Contractors Successors, representatives, heirs, executors and administrators unless excluded by the contract.

(c) The term Stores shall mean, what Contractor agrees to supply under the contract as specified in the Purchase Order including erection of plants and machinery and subsequent testing, should such a condition be included in the Purchase Order.

#### 9. Delivery:

(a) The time for and the date of delivery of the stores stipulated in the Purchase Order shall be deemed to be the essence of the contract, and delivery must be completed on or before the specified dates.

(b) Should the Contractor fail to deliver the stores or any consignment thereof within the period prescribed for such delivery, the purchaser shall be entitled at his option either;

(i) to recover from the Contractor as agreed liquidated damages and not by way of penalty, a sum of

0.5% of the Price of any stores which the Contractor has failed to deliver as aforesaid, for each week or part of a week, during which the delivery of such stores may be in arrears, or  
(ii) to purchase elsewhere, without notice to the Contractor on the account and at the risk of the Contractor, the stores not delivered or others of a similar description (where others exactly complying with the particulars are not, in the opinion of the purchaser readily procurable, such opinion being final) without cancelling the contract in respect of the consignment(s) not yet due for delivery, or  
(iii) to cancel the contract or a portion thereof and, if so desired, to purchase or authorize the purchase of stores not so delivered or others of similar description (where others exactly complying with the particulars are not, in the opinion of the Purchaser readily procurable, such opinion final) at the risk and cost of the Contractor.

In the event of action being taken under sub-clause (ii) & (iii) of Clause 10 above, the Contractor shall be liable for any loss which the Purchaser may sustain on that account, provided that the re-purchase, or, if there is an agreement to repurchase then such agreement, is made within six months from the date of such failure. But the contractor shall not be entitled to any gain on such repurchase made against default. The manner and method of such repurchase shall be at the discretion of the Purchaser, whose decision shall be final. It shall not be necessary for the Purchaser to serve a notice of such repurchase on the defaulting Contractor. This right shall be without prejudice to the right of the Purchaser to recover damages for breach of contract by the Contractor.

#### 10. Despatches :

The Contractor is responsible for obtaining a clear receipt from the Transport Authorities specifying the goods dispatched. The consignment should be dispatched with clear Railway Receipt/Lorry Receipt. If sent in any other mode it is at the risk of the Contractor. Purchaser will take no responsibility for short deliveries or wrong supply of goods when the same are booked on said to contain basis. Purchaser shall pay for only such stores as are actually received by them in accordance with the contract.

#### 11. Erection of Plant & Machinery:

Wherever erection of a plant or machinery is the responsibility of the Contract as per the terms of the Contract and in case the Contractor fails to carry out the erection as and when called upon to do so within the period specified by the Purchaser, the Purchaser shall have the right to get the erection done through any source of his choice. In such an event, the contractor shall be liable to bear any additional expenditure that the Purchaser is liable to incur towards erection. The Contractor shall, however, not be entitled to any gain due to such an action by the Purchaser.

#### 12. Extension of Time:

As soon as it is apparent that contract dates cannot be adhered to an application shall be sent by the Contractor to the Purchaser, if failure, on the part of the Contractor to deliver the stores in proper time shall have arisen from any cause which the Purchaser may admit as reasonable ground for an extension of the time (and his decision shall be final) he may allow such additional time as he considers it to be justified by circumstances of the case without prejudice to the Purchasers rights to recover liquidated damages under Clauses 10 hereof.

### 13. GENERAL TERMS & CONDITIONS FOR BIDDERS:

For this procurement, bids from Class-I & class-II Local Suppliers are admissible. hence 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. P-45021/2/2017-PP(BE-II) dated 04.06.2020 and subsequent amendment & directives shall be followed. Accordingly, offer will be evaluated & processed in conformation with above referred GOI order (Specially mentioned below). The bidder shall 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.

(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) Verification of local content:

(i) The Class I local supplier Class- II local supplier at the time to tender, bidding or solicitation shall be required to indicate percentage of local content and provide self-certification that the item offered meets the local content requirement for Class-I local supplier / Class II local supplier as the case may be. They shall also give details of the location(s) at which the local value addition is made.

(ii) In case bid value is in excess of Rs. 10 Cr., Class I local supplier/ Class-II local supplier shall be required to provide a certificate from the statutory auditor or cost auditor of the company (in the case of companies) or from a practicing cost accountant or practicing chartered accountant (in respect of suppliers other than companies) giving the percentage of local content.

(iii) False declarations will be in breach of the code of Integrity under Rule 175(1)(i)(h) of the General Financial Rules (GFR) for which a bidder or its successors can be debarred for up to two years as per Rule 151 (iii) of the general Financial Rules along with such other actions as may be permissible under Law.

A supplier who has been debarred by any procuring entry for violation of this order shall not be eligible for preference under this order for procurement by any other procuring entity for the duration of the debarment. The debarment for such other procuring entities shall take effect prospectively from the date on which it comes to the notice of other procurement entities, in the manner prescribed.

14. GST and/or other duties/levies where legally leviable and intended to be claimed should be distinctly shown separately in the tender. As a Government of India Department, this office is exempted from the payment of Octroi and similar local levies Tenderers shall ensure that necessary exemption certificates are obtained by them from the Purchase & Stores Officer concerned to avoid any payment of such levies.

### 15. Guarantee & Replacement :

(a) The Contractor shall guarantee that the stores supplied shall comply fully with the specifications laid down, for material, workmanship and performance.

- (b) For a period of twelve months after the acceptance of the stores, if any defects are discovered there in or any defects therein found to have developed under proper use arising from faulty stores, design or workmanship, contractor shall remedy such defects at his own cost provided he is called upon to do so within a period of 14 months from the date of acceptance thereof by the Purchaser who shall state in writing in what respect the stores or any part thereof are faulty.
- (c) If in the opinion of the Purchaser, it becomes necessary to replace or renew any defective stores such replacement or renewal shall be made by the Contractor free of all costs to the Purchaser provided the notice informing the contractor of the defect is given by the purchaser in this regard within the said period of 14 months from the date of acceptance thereof.
- (d) Should the Contractor fail to rectify the defects, the Purchaser shall have the right to reject or repair or replace at the cost of the Contractor the whole or any portion of the defective stores.
- (e) The decision of the Purchaser, notwithstanding any prior approval or acceptance or inspection thereof on behalf of the Purchaser, as to whether or not the stores supplied by the contractor are defective or any defects has developed within the said period of 12 months or as to whether the nature of the defects requires renewal or replacement, shall be final conclusive and binding on the contractor.
- (f) To fulfill guarantee conditions outlined in clause 4 (a) to (e) above, the contractor shall, at the option of the purchaser, furnish a Bank Guarantee (as prescribed by the Purchaser) from a Bank approved by the purchaser for an amount equivalent to 10% of the value of the contract along with first shipment documents. On the performance and completion of the Contract in all respects, the Bank Guarantee will be returned to the Contractor without any interest.
- (g) All the replacement stores shall also be guaranteed for a period of 12 months from the date of arrival of stores at Purchasers site.
- (h) Even while the 12 months guarantee applies to all stores in case where a greater period is called forth by our specifications then such a specification shall apply; in such cases the period of 14 months referred to in para 4 (b) & (c) shall be the asked for guarantee period plus two months.

#### 16. Indemnity :

The Contractor shall warrant and be deemed to have warranted that all stores supplied against this contract are free and clean of infringement of any Patent, copy right or trade mar, and shall at all times indemnify the Purchaser against all Claims which may be made in respect of the stores for infringement of any right protected by Paten, Registration of design or Trade Mark and shall take all risk of accidents of damage which may cause a failure of the supply from whatever cause arising and the entire responsibility for the sufficiency of all the means used by him for the fulfillment of the contract.

#### 17. Model Certificate for Tenders

I have read the clause regarding restrictions on procurement from a bidder of a country which shares a land border with India I 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 and is eligible to be considered.

18. Model Certificates for Tenders for Work involving possibility of sub-contacting

I have read the clause regarding restrictions on procurement from a bidder of a country which shares a land border with India and on sub-contracting to contracting from such countries I 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 contract form 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.

19. Mode of Payment Normally Payment will be made for the accepted stores within 30 days from the date of receipt of the materials.

20. Packing Forwarding & Insurance:

The Contractor will be held responsible for the stores being sufficiently and properly packed for transport by rail, road, sea or air, to withstand transit hazards and ensure safe arrival at the destination. The packing and marking of packages shall be done by and at the expense of the Contractor. The Purchaser will not pay separately for transit insurance, all risks in transit being exclusively of the Contractor and the Purchaser shall pay only for such stores as are actually received in good condition, in accordance with the contract.

21. Payment: Contractors bill will be passed for payment only after the stores have been received, inspected and accepted by the Purchaser.

22. Preference will be given to those tenders offering supplies from ready stocks and on the basis of FOR destination / delivery at site.

(a) All available technical literature, catalogues and other data in support of the specifications and details of the items should be furnished along with the offer.

(b) Samples, if called for, should be submitted free of all charges by the tenderer and the Purchaser shall not be responsible for any loss or damage thereof due to any reason whatsoever. In the event of non-acceptance of tender, the Tenderers will have to remove the samples at his own expense.

(c) Approximate net and gross weight of the items offered shall be indicated in your offer. If dimensional details are available the same should also be indicated in your offer.

(d) Specifications: Stores offered should strictly conform to our specifications. Deviations, if any should be clearly indicated by the tenderer in their quotation. The tenderer should also indicate the Make / Type number of the stores offered and provide catalogues, technical literature and samples, wherever necessary along with the quotations. Test Certificates wherever necessary should be forwarded along with supplies. Whenever options are called for in our specifications, the tenderer should address all such options. Wherever specifically mentioned by us the tenderer could suggest changes to specifications with appropriate response for the same.

23. Prices:

Tenders offering firm prices will be preferred. Where a price variation clause is insisted upon by a

tenderer, quotations with a reasonable ceiling should be submitted. Such offers should invariably be supported by the base price taken into account at the time of tendering and also the formula for any such variations.

24. Product Scope: Class I local supplier/ Class- II local supplier shall offer only standard and catalogued product for Equipment / Spares Cards / assemblies. If the above offered Equipment / Cards / Assemblies are under development / to be developed the bid will not be considered.

25. Recovery of Sums Due:

Whenever any claim for the payment of , whether liquidated or not, moneys arises out of or under this contract against the Contractor, the Purchaser shall be entitled to recover such sum by appropriating, in part or whole, the security deposited by the Contractor, if a security is taken against the Contract. In the event of the security being insufficient or if no security has been taken from the contractor, then the balance or the total sum recoverable, as the case may be shall be deducted from any sum then due or which at any time thereafter may become due to the Contractor under this or any other contract with the Purchaser. Should this sum be not sufficient to cover the full amount recoverable, the Contractor shall pay to the Purchaser on demand the remaining balance due, Similarly, if the Purchaser has or makes, any claim, whether liquidated or not, against the Contractor under any other contract with the Purchaser, the payment of all moneys payable under the contract to the contractor including the security deposit shall be with held till such claims of the Purchaser are finally adjudicated upon and paid by the Contractor.

26. Rejected Stores:

Rejected Stores will remain at destination at the Contractor's risk and responsibility. If instructions for their disposal are not received from the Contractor within a period of 14 days from the date of receipt of the advice of rejection, the Purchaser or his representative has, at his discretion the right to scrap or sell or consign the rejected stores to Contractor's address at the Contractor's entire risk and expense; freight being payable by the Contractor at actuals.

27. Security Deposit:

On acceptance of tender, the contractor shall, at the option of the Purchaser and within the period specified by him deposit with him in cash or in any other form as the Purchaser may determine, Security deposit not exceeding ten percent of the value of the contract as the Purchaser shall specify. If the Contractor is called upon by the Purchaser to deposit Security and the Contractor fails to provide the Security within the period specified, such failure shall constitute a breach of the contract and the Purchaser shall be entitled to make other arrangements for the re-purchase of the stores contracted for at the risk of the Contractor in terms of Sub-Clause (ii) and (iii) of Clause 10 (b) hereof and/or to recover from the Contractor damages arising from such cancellation.

28. Security for Purchaser's Materials:

Successful tenderer will have to furnish in the form of a bank guarantee or in any other form as called

for by the purchaser towards adequate security for the materials/property provided by the purchaser for the due execution of the contract.

29. Tenders should be submitted through e-portal before the due date of bid submission.

30. Test Certificate: Wherever required, Test certificates should be sent along with the despatch documents.

31. The authority of the Person signing the tender, if called for, should be produced.

32. The Purchaser reserves the right to place order on the successful tenderers for additional quantity upto 25% of the quantity offered by them at the rates quoted.

33. The Purchaser shall be under no obligation to accept the lowest or any tender and reserves the right of acceptance of the whole or any part of the tender or portion of the quantity offered and the tenderers shall supply the same at the rates quoted.

34. The tenderer should supply along with his tender the name of his bankers as well as the latest income-tax clearance certificate duly countersigned by the Income Tax Officer of the Circle concerned under the Seal of his office, if required by the Purchaser.



## C. Bid Templates

### C.1 Technical Bid - Supply and Installation of CCTV Surveillance System

#### 1. SURVEILLANCE SYSTEM (CCTV, CAMERA ETC.)

##### 1. Bullet camera

#### Item specifications for SURVEILLANCE SYSTEM (CCTV, CAMERA ETC.)

SI No	Specification	Value	Compliance	Offered Specification	Remark
1	Camera Type	Bullet Camera Suitable for outdoor environment	Yes / No / Explain		
2	Quantity	34 Nos	Yes / No / Explain		
3	Image Sensor	Minimum 1/2.8" or better Progressive scan RGB CMOS	Yes / No / Explain		
4	Resolution	The camera shall offer a full HD with video resolution 1920X1080 at 16:9 aspect ratio	Yes / No / Explain		
5	Frame Rate	25 fps or better user selectable	Yes / No / Explain		
6	Focus	Automatic	Yes / No / Explain		
7	Lens	Varifocal, 3.0 mm to 9 mm or better	Yes / No / Explain		
8	Horizontal Field of View	±35° or better	Yes / No / Explain		
9	Vertical Field of View	±18° or better	Yes / No / Explain		
10	Wide Dynamic range	120 dB or better	Yes / No / Explain		
11	Minimum illumination	Colour: 0.12 lux or better , Black white: 0.01lux with 50 IRE or better	Yes / No / Explain		
12	Shutter time	1/45000s to 1 s or better	Yes / No / Explain		
13	Video compression	M-JPEG, H.264 or better	Yes / No / Explain		

14	Video Streaming	Configurable frame rate / bit rate for preview and recording H.264/MJPEG Video or better. Video Streaming to be available 24X7 (for life period).	Yes / No / Explain		
15	Day/Night Functions	Automatic switch over from Colour to Black /White.	Yes / No / Explain		
16	Mount	Facility of Pole/Wall mount should be available and all accessories for its support to be provided.	Yes / No / Explain		
17	Image settings	Forensic WDR/DWDR, compression, brightness, sharpness, white Balance, exposure zones, text and image overlay with Privacy masking zones, defogging etc.	Yes / No / Explain		
18	Users	4 or more simultaneous users/unlimited users in multi cast mode	Yes / No / Explain		
19	Memory and Local Storage	1024MB RAM 512MB Flash or better memory. Local Storage should support for micro SD/micro SDHC/micro SDXC card. Support for recording directly on to network storage device.	Yes / No / Explain		
20	Security	Password protection, IP Address filtering, Users Access Logs.	Yes / No / Explain		
21	Compatible standard	The camera shall conform to the ONVIF standard profile S/G.	Yes / No / Explain		

22	Supported protocol	The camera shall conform to protocols: IPv4, IPv6, UDP, TCP, HTTP, HTTPS, RTP, RTCP, IGMP V2/V3, ICMP, RTSP, FTP, ARP, DHCP, SNMP, DNS, DDNS, SMTP, UPnP, DiffServ etc.	Yes / No / Explain		
23	Audio streaming	Two-way	Yes / No / Explain		
24	Event Conditions	Video motion detection, Audio Detection, day/night mode, shock detection and tamper detection.	Yes / No / Explain		
25	Audio Input/Outputs	Minimum 1 input (external microphone) and 1 output.	Yes / No / Explain		
26	IR illuminator	It should have inbuilt IR illuminator. The camera shall have a required number high efficiency LED array (850 nm) for effective night vision at least 30m.	Yes / No / Explain		
27	Network interface	100/1000 base TX, RJ 45, IP v4 & IP v6.	Yes / No / Explain		
28	Power	230V AC +/- 10%, 50 Hz +/-3%, to be supplied with POE.	Yes / No / Explain		
29	Operating temperature	0°C to +50°C or better	Yes / No / Explain		
30	Humidity, Operating condition	10 to 100% RH (Relative Humidity) condensing	Yes / No / Explain		
31	Casing	IP66 or above-rated casing, Nema 4X	Yes / No / Explain		
32	Certifications	FCC/UL/EN or equivalent	Yes / No / Explain		
33	Accessories	Power supply cables, mountings and connector kits, Installation Guide and User's Manual	Yes / No / Explain		
34	Model	The quoted model should not be listed as end of life product.	Yes / No / Explain		

35	Original Equipment Manufacturer (OEM) Certificate	OEM certificate to be provided along with quote	Yes / No / Explain		
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**2. SURVEILLANCE SYSTEM (CCTV, CAMERA ETC.)**

**2.Video Management Software (VMS)**

**Item specifications for SURVEILLANCE SYSTEM (CCTV, CAMERA ETC.)**

SI No	Specification	Value	Compliance	Offered Specification	Remark
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1	VMS General Requirements	<p>The VMS shall be based on a true open and Cloud ready architecture that shall allow the use of non-proprietary workstation and server hardware, non-proprietary network infrastructure and non-proprietary storage. The VMS application provider must support at least 5 + brands of Cameras and the list of integrations must be listed on the global web site of the application provider. The VMS should accommodate at least 100 cameras for future expansion.</p> <p>The VMS shall integrate cameras using dedicated driver or using the industry standards ONVIF Profile S and Profile G. The same must be listed on the ONVIF website.</p> <p>The VMS shall support Fail over within application with no dependency on any external application for both hardware and application redundancy in future. The Application shall offer a plug and play type hardware discovery service with the following functionalities: Automatically discover Video surveillance units as they are attached to the network. The Application shall have the capacity to configure the key frame interval (I-frame) in seconds or</p>	Yes / No / Explain		
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number of frames.

The Application shall allow multiple recording schedules assigned to a single camera.

The Application shall support Direct Multicast from Camera. For network topologies that restrict the Application from sending multicast UDP streams, the application shall redirect audio/video streams to active viewing clients on the network using multicast UDP directly from cameras and the architecture should not use Multicast streaming via recording servers or any other servers and increase the overall compute capacity of recording servers.

The Application shall allow important video sequences to be protected against normal disk clean-up routines.  
The application shall have the following options when protecting a video sequence: Until a specified date, for a specified number of days, indefinitely (until the protection is explicitly removed for evidence).

The application shall support edge recording capabilities with ability to playback the video recorded at different speeds and ability to offload the video recorded on the

application server on schedule, on event, or manually to store it on the recording server.

The proposed application must provide a single interface to monitor, collaborate and action for both on premises and cloud devices like cameras, Automatic Number Plate Recognition(ANPR) devices etc.

The Application shall be capable to handle both IP v4 and IP v6 Unicast and Multicast traffic with both PIM-SM and PIM-DM support.

There should not be any dependency on the end point MAC address for licensing for ease of operations.

If any camera is not working, the VMS should give pop up. The VMS should be capable to upgrade the camera firmware from the VMS application itself.

The latest version of VMS to be quoted.

2	Client Interface	<p>The Monitoring user interface shall support the role of a Unified Security Interface that can monitor various Video, ANPR, access control and other system events and alarms, as well as view live and recorded video.</p> <p>User workspace customization:</p> <p>The user shall have full control over the user workspace through a variety of user-selectable customization options. Administrators shall also be able to limit what users can modify in their workspace through privileges.</p> <p>Once customized, the user shall be able to save his or her workspace.</p> <p>The user workspace shall be accessible by a specific user from any client application on the network.</p> <p>Display tile patterns shall be customizable.</p> <p>Event or alarm lists shall span anywhere from a portion of the screen up to the entire screen and shall be resizable by the user. The length of event or alarm lists shall be user-defined. Scroll bars shall enable the user to navigate through lengthy lists of events and alarms.</p> <p>The Monitoring UI</p>	Yes / No / Explain		
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shall support multiple display tile patterns e.g. {1 display tile (1x1 matrix), 64 tiles (8x8 matrix), and multiple additional variations}.

Additional customization options include: show/hide window panes, show/hide menus/toolbars, show/hide overlaid information on video, resize different window panes and choice of tile display pattern on a per task basis.

The Monitoring UI shall provide an interface to support the following tasks and activities common to various systems

Monitoring the events from a live security system.

Monitoring and acknowledging alarms.

Creating and editing incidents and generating incident reports.

Displaying dynamic graphical maps and floor plans as well as executing actions from dynamic graphical maps and floor plans Unified with UC&C.

The live video viewing capabilities of the Monitoring User Interface(UI) shall include:

The ability to display all cameras attached to the system both Public, Collaborative

<p>monitoring and Cloud based entities.</p> <p>The ability to drag and drop a camera into a display tile for live viewing.</p> <p>The ability to drag and drop a camera from a map into a display tile for live viewing.</p> <p>Support for digital zoom on live camera video streams.</p> <p>The ability for audio communication with video units with audio input and output.</p> <p>The ability to control pan-tilt-zoom, iris, focus and presets.</p> <p>The ability to bookmark important events for later retrieval on any archiving camera and to uniquely name each bookmark in order to facilitate future searches.</p> <p>The ability to activate or de-activate viewing of all system events as they occur.</p> <p>The ability to switch to instant replay of the video for any archiving camera with the simple click of button.</p> <p>The ability to take snapshots of live video and be able to save or print the snapshots.</p> <p>The ability to browse through a list of all bookmarks created on the system and</p>			
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select any bookmarked event for viewing.

Tools for exporting video and a self-contained video player on various media such as USB keys, CD/DVD-ROM. This video player shall be easy to use and shall still support reviewing video metadata.

Tools for exporting video sequences in standard video formats, such as ASF, MP4

The ability to encrypt exported video files with industry standard encryption.

3	Cyber Security Requirements	<p>The VMS shall support only secured media stream requests, unless explicitly configured otherwise. Secured media stream requests shall be secured with strong certificate-based authentication leveraging RTSPS.</p> <p>The VMS shall offer the ability to encrypt the media stream, including video, audio, and metadata with authenticated encryption. Media stream encryption shall be done at rest and in transit and be a certificate-based AES 128-bit encryption.</p> <p>The VMS shall allow encryption to be set on a per camera basis for all or some of the cameras.</p> <p>Provide up to 5 different certificates for different groups of users who have been granted access to decrypted streams.</p> <p>Use Secure RTP (SRTP) to encrypt the payload of a media stream in transit and allow multicast and unicast of the encrypted stream.</p> <p>Use a random encryption key and change periodically.</p> <p>Allow encrypted streams to be exported.</p> <p>The Application shall protect archived audio/video files and the system database</p>	Yes / No / Explain		
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		against network access and non-administrative user access.  The VMS platform must be UL level 3 certified. Bidders to submit the certifications along with the technical bid.			
4	License	The license should be permanent and has to cater the need of multiple locations namely LEOS and Aryabhata campus.	Yes / No / Explain		
5	Quantity	One lot	Yes / No / Explain		

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### 3. SURVEILLANCE SYSTEM (CCTV, CAMERA ETC.)

#### 3.Server

#### Item specifications for SURVEILLANCE SYSTEM (CCTV, CAMERA ETC.)

SI No	Specification	Value	Compliance	Offered Specification	Remark
1	Processor	1 x Intel® Xeon® Processors, 2.2 GHz or better	Yes / No / Explain		
2	Quantity	2 Nos	Yes / No / Explain		
3	Memory	Min 32 GB PC3 ECC DDR4 RAM	Yes / No / Explain		
4	Configuration	High Availability mode for main and redundant servers	Yes / No / Explain		
5	Architecture	Dual Control Architecture	Yes / No / Explain		
6	Hard Disk	2 x 600GB SAS 10K RPM SFF (2.5-inch) or better	Yes / No / Explain		
7	Drive bays	Up to 8 Hot Plug hard drive bays or higher	Yes / No / Explain		
8	Drive Controller	Integrated or add-on SAS Controller	Yes / No / Explain		

9	RAID Controller	Level: 0, 1 ,5, 6	Yes / No / Explain		
10	I/O & Ports	4 X Gigabyte Ethernet Ports with TCP/IP, USB 2.0/3.0 support With Min 2 ports or higher	Yes / No / Explain		
11	Power supply	Dual Hot swappable power supply	Yes / No / Explain		
12	Operating System	Windows server 2019 standard edition or latest	Yes / No / Explain		
13	Security	Power-on password, Serial interface control, Administrator's password.	Yes / No / Explain		
14	Monitor	21" LED Wide Screen Display with Full HD Support - 2 Servers - 1 Monitor & Wireless KB & Mouse	Yes / No / Explain		
15	Power Cord	230V @ 50Hz, Power cord with Indian Standard Power tops(3 Pin) to be supplied	Yes / No / Explain		
16	DVD	DVD-R/W (Writer), Internal	Yes / No / Explain		
17	Form Factor	Rack mountable	Yes / No / Explain		

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### 4. SURVEILLANCE SYSTEM (CCTV, CAMERA ETC.)

#### 4.Storage (90 days)

#### Item specifications for SURVEILLANCE SYSTEM (CCTV, CAMERA ETC.)

SI No	Specification	Value	Compliance	Offered Specification	Remark
1	Processor	INTEL XEON SILVER Processor family	Yes / No / Explain		
2	Quantity	01 no	Yes / No / Explain		
3	Operating system	Windows Server 2019 Standard or latest	Yes / No / Explain		

4	RAID Controller	RAID Controller support for 0, 1 ,5 , 6, 10 or Better	Yes / No / Explain		
5	Hard Disk	2 x 600GB two 2.5” drives for the operating system or better	Yes / No / Explain		
6	Memory	2 x 32GB RDIMM, scalable up to 16 DDR4 DIMM slots, Supports RDIMM /LRDIMM	Yes / No / Explain		
7	Storage Capacity Requirements	Populated with 12 x 12 TB 3.5” HDDs or better. Two more additional slots to be provided for future augmentation	Yes / No / Explain		
8	Power supply	Hot swappable Dual Power Supply or better	Yes / No / Explain		
9	Form Factor	Rack-mount system	Yes / No / Explain		
10	I/O and Ports	4 X Gigabit Ethernet Ports with TCP/IP, USB 2.0/3.0 support With Min 2 ports or higher	Yes / No / Explain		
11	OEM certificate	OEM certificate to be provided.	Yes / No / Explain		

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### 5. SURVEILLANCE SYSTEM (CCTV, CAMERA ETC.)

#### 5. Client Workstation

#### Item specifications for SURVEILLANCE SYSTEM (CCTV, CAMERA ETC.)

SI No	Specification	Value	Compliance	Offered Specification	Remark
1	CPU	Intel Core processor i7, 3.1 GHz, 10 MB cache or higher	Yes / No / Explain		
2	Quantity	2 Nos	Yes / No / Explain		
3	Memory	16 GB ECC memory scalable up to 64 GB or higher	Yes / No / Explain		
4	Hard disk	2 x 1TB SATA 7200 rpm 6Gb/s 3.5" HDD	Yes / No / Explain		

5	Graphics	2GB Graphics NVIDIA Quadro Card display port or higher	Yes / No / Explain		
6	Networking	Integrated Gigabit Ethernet Card with Management capabilities	Yes / No / Explain		
7	Ports	6 USB 2.0/3.0	Yes / No / Explain		
8	Form factor	Small form factor or Desktop or Tower	Yes / No / Explain		
9	Accessories	Keyboard and optical mouse	Yes / No / Explain		
10	Optical drive	Internal DVD/CD- RW combo drive	Yes / No / Explain		
11	Operating System	Windows 10- 64 bit OS or better	Yes / No / Explain		
12	Monitor	26 inch LED monitor or better	Yes / No / Explain		

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### 6. SURVEILLANCE SYSTEM (CCTV, CAMERA ETC.)

#### 6. LED Display System – 55 inches

#### Item specifications for SURVEILLANCE SYSTEM (CCTV, CAMERA ETC.)

Sl No	Specification	Value	Compliance	Offered Specification	Remark
1	Display Size	55 inch for 24x7 Operation	Yes / No / Explain		
2	Quantity	02 Nos	Yes / No / Explain		
3	Resolution	1920*1080 or better	Yes / No / Explain		
4	Screen Aspect	16:09	Yes / No / Explain		
5	Panel Drive	1200 Hz BLS IFC or higher	Yes / No / Explain		
6	Brightness	350 cd/m2 or higher	Yes / No / Explain		
7	Remote	Full function remote control	Yes / No / Explain		



8	HDMI port	2 or more	Yes / No / Explain		
9	USB	2 USB or More	Yes / No / Explain		
10	Power supply	230 V, 50Hz	Yes / No / Explain		
11	Accessories	Wall Mount kit, Quick Setup Guide and power cord, 20 meters HDMI cable	Yes / No / Explain		

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### 7. SURVEILLANCE SYSTEM (CCTV, CAMERA ETC.)

#### 7. Horn Speaker

#### Item specifications for SURVEILLANCE SYSTEM (CCTV, CAMERA ETC.)

SI No	Specification	Value	Compliance	Offered Specification	Remark
1	Audio streaming	Two way	Yes / No / Explain		
2	Quantity	2 Nos	Yes / No / Explain		
3	Max sound pressure level	>120 dB	Yes / No / Explain		
4	Frequency response	280 Hz - 12.0 kHz	Yes / No / Explain		
5	Audio compression	G.711 PCM 8 kHz, G.726 ADPCM 8 kHz, Configurable bit rate	Yes / No / Explain		
6	Audio input/output	Built-in microphone as option	Yes / No / Explain		
7	Built-in microphone specification	51 Hz - 12 kHz	Yes / No / Explain		
8	Coverage	Coverage pattern 70° horizontal by 100° vertical (at 2 kHz)	Yes / No / Explain		
9	Amplifier description	Built-in 7 W Class D amplifier	Yes / No / Explain		

10	Security	Password protection, IP address filtering, HTTPS encryption, IEEE 802.1Xa network access control, User access log	Yes / No / Explain		
11	Supported Protocols	IPv4/v6, HTTP, HTTPS, SIP, SSL/TLS, QoS Layer 3 DiffServ, FTP, CIFS, SMTP, Bonjour, UPnP, SNMP, DNS, DynDNS, NTP, TCP, UDP, IGMP, ICMP, DHCP, ARP, SOCKS, SSH	Yes / No / Explain		
12	Intelligent audio	Auto Speaker Test	Yes / No / Explain		
13	Event triggers	Call, Virtual inputs	Yes / No / Explain		
14	Event actions	File upload: HTTP, network share and email Notification: email, HTTP and TCP Play audio clip Send Auto Speaker Test Send SNMP trap Status LED	Yes / No / Explain		
15	Built-in installation aids	Test tone verification and identification	Yes / No / Explain		
16	Functional monitoring	Auto Speaker Test, Connection verification, Built-in system logging	Yes / No / Explain		
17	Casing	Impact-resistant aluminium, IP67 and NEMA 4X-rated.	Yes / No / Explain		
18	Memory	256 MB RAM, 256 MB Flash or better	Yes / No / Explain		
19	Power	Power over Ethernet (PoE) IEEE 802.3af/802.3at Type 1 Class 3 (max 12.95 W)	Yes / No / Explain		
20	Connectors	RJ45 10BASE-T/100BASE-TX PoE	Yes / No / Explain		

21	Network Connectivity	Horn Speaker shall be directly connected to network(IP) without use of an external encoder	Yes / No / Explain		
22	Operating conditions	0 °C to 50 °C Humidity 10–100% RH (condensing)	Yes / No / Explain		
23	Approvals	EN55032 Class B, EN 61000-6-1, EN 61000-6-2, EN 55024, EN50121-4, IEC 62236-4, FCC Part 15 Subpart B Class B, IEC/EN/UL 60950-22, IEC/EN/UL 62368-1, IEC/EN 60529, IP67	Yes / No / Explain		
24	Accessories Pole Mountable, Cable Gland, RJ45, Power over Ethernet Midspans, Installation Guide	Pole Mountable, Cable Gland, RJ45, Power over Ethernet Midspans, Installation Guide	Yes / No / Explain		

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### 8. SURVEILLANCE SYSTEM (CCTV, CAMERA ETC.)

#### 8. SIP MIC

#### Item specifications for SURVEILLANCE SYSTEM (CCTV, CAMERA ETC.)

SI No	Specification	Value	Compliance	Offered Specification	Remark
1	Input sources	Main microphone input Headset microphone input Line input	Yes / No / Explain		
2	Quantity	01 No	Yes / No / Explain		
3	Output sources	Built-in speakers Headphones output	Yes / No / Explain		
4	Encoding	G.711u, G.722	Yes / No / Explain		
5	SIP integration with VoIP	The unit shall support SIP for integration with VoIP, peer-to-peer or integrated into SIP/PBX	Yes / No / Explain		

6	Protocol support	The audio device shall incorporate support for at least IPv4, HTTP, NTP, RTP, TCP, UDP, DHCP, SIP and mDNS	Yes / No / Explain		
7	IP addresses	The audio device shall operate using static or dynamic IP addresses	Yes / No / Explain		
8	Hardware interface	The audio device shall be equipped with one 10BASE-T/100BASE-TX/1000BASE-T Ethernet-port using a RJ45 connector.	Yes / No / Explain		
9	Audio Jack	The audio device shall be equipped with one stereo jack 3.5 mm, 2x 30 mW headphone output min. 16 Ohm, DR 101 dB, THD+N -85 dB.	Yes / No / Explain		
10	Power supply	The audio device (if not using PoE) shall be connected to a midspan and obtain power through a network cable. The supported midspan shall use 230V AC / 47- 63 Hz (max. 15.4 W/port).	Yes / No / Explain		

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### 9. SURVEILLANCE SYSTEM (CCTV, CAMERA ETC.)

#### 9.Layer 2 LAN Switch - 24 Ports

#### Item specifications for SURVEILLANCE SYSTEM (CCTV, CAMERA ETC.)

SI No	Specification	Value	Compliance	Offered Specification	Remark
1	Type	Manageable	Yes / No / Explain		
2	Quantity	02 Nos	Yes / No / Explain		
3	Form Factor	19 Inch Rack mountable.	Yes / No / Explain		

4	Copper port (10/100/1000 Base T in RJ45 Connector)	At least 24 Nos of 10/100/1000 base T ports PoE (370W)	Yes / No / Explain		
5	Fiber Ports 1000 base X SFP & Transceivers	At least 4 Nos of 1000 base X SFP ports + 4 Combo SFP / POE+ Ports and Populated with 4nos of LX-SFP Transceiver	Yes / No / Explain		
6	Operating Temperature	0 to +50 ° C	Yes / No / Explain		
7	Protect Class	IP30	Yes / No / Explain		

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**10. SURVEILLANCE SYSTEM (CCTV, CAMERA ETC.)**

**10. Layer 2 LAN Switch - 8 Ports**

**Item specifications for SURVEILLANCE SYSTEM (CCTV, CAMERA ETC.)**

SI No	Specification	Value	Compliance	Offered Specification	Remark
1	Type	Manageable	Yes / No / Explain		
2	Quantity	9 Nos	Yes / No / Explain		
3	Form Factor	19 Inch Rack mountable	Yes / No / Explain		
4	Copper port (10/100/1000 Base T in RJ45 Connector)	8 x 10/100/1000BASE-TX, RJ45 PoE+ ports; 2 X Gigabit SFP slots -240W	Yes / No / Explain		
5	Fiber Ports 1000 base X SFP & Transceivers	At least 2 Nos of 1000 base X SFP ports and Populated with 2nos of LX-SFP Transceiver	Yes / No / Explain		
6	Operating Temperature	0 to 50 ° C	Yes / No / Explain		

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**11. SURVEILLANCE SYSTEM (CCTV, CAMERA ETC.)**

**11.Outdoor Rack 9U**

**Item specifications for SURVEILLANCE SYSTEM (CCTV, CAMERA ETC.)**

SI No	Specification	Value	Compliance	Offered Specification	Remark
1	Type	Pole/Wall mount cabinets are intended for outdoor purposes with IP55 protection or better.	Yes / No / Explain		
2	Quantity	09 No	Yes / No / Explain		
3	Dimension	9U Height with 400 mm(Width) x 300 mm(Depth) or more	Yes / No / Explain		
4	Construction	•1 bottom cover with gland for cable entry. •1 rain canopy.	Yes / No / Explain		
5	Structure	Ventilation and protection to be provided through IP55 compatible filter at the doors and top cover. Wall mounting brackets can be fitted at the rear side for mounting.	Yes / No / Explain		
6	Power provision	C-Connectors/Spike/Socket or better	Yes / No / Explain		

**Document : CCTV Specifications****12. SURVEILLANCE SYSTEM (CCTV, CAMERA ETC.)****12.Indoor Rack 12U****Item specifications for SURVEILLANCE SYSTEM (CCTV, CAMERA ETC.)**

SI No	Specification	Value	Compliance	Offered Specification	Remark
1	Type	Indoor Rack with Front Glass Door	Yes / No / Explain		
2	Quantity	1 No	Yes / No / Explain		
3	Dimension	Wall Mount - 12U - 600mm(Width) x 600mm (Depth) or more Single Fan	Yes / No / Explain		
4	Cable Manager	Metal Cable Manager - 01U - Plastic	Yes / No / Explain		

5	Power Distribution	Power Distribution Unit - 06/16 Amp Indian-Standard - 06 Socket - Single Pole	Yes / No / Explain		
6	Mounting Hardware	Mounting Hardware Packet (Containing 1Nos Each of 3 ) - 20 Set	Yes / No / Explain		
7	Construction Material	Galvanized steel/Steel with Powder coated finish	Yes / No / Explain		

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**13. SURVEILLANCE SYSTEM (CCTV, CAMERA ETC.)**

**13. Indoor Rack 36U**

**Item specifications for SURVEILLANCE SYSTEM (CCTV, CAMERA ETC.)**

SI No	Specification	Value	Compliance	Offered Specification	Remark
1	Type	Indoor Rack with Front Glass Door and Rear perforated double section door.	Yes / No / Explain		
2	Quantity	01 No	Yes / No / Explain		
3	Dimension	36U Height with 800 mm(Width) x 1000 mm(Depth) or more with Wheel and Caster	Yes / No / Explain		

4	Mount	2Aluminium alloy frameworks consisting of 4 vertical and 4 horizontal sections bolted together with 4 depth sections. 1 Top Cover and 1Bottom Cover with gland plate and rubber grommets. 4 Recess mounting angles. 2 pairs of support channel for up to 32U and 3 pairs of support channel for above 32U height. 2 pairs of Reducing cable channel (only for 800W). 8 Corner Brackets. 2 Side panels fitted with slam latch and cam lock.	Yes / No / Explain		
5	Power Supply PDU-2nos	Power Distribution Unit - 06/16 Amp Indian-Standard - 12 Socket - Single Pole / Screw Mountable / 32 Amp MCB / Alternating Current - Industrial Plug 32A with Power Cable 6 sq.mm 3 meter Length - Black Fine Tex. - Assembly	Yes / No / Explain		

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### 14. SURVEILLANCE SYSTEM (CCTV, CAMERA ETC.)

#### 14. Single Mode Loose Tube Fibre Cable 12 Core Outdoor (Armoured)

#### Item specifications for SURVEILLANCE SYSTEM (CCTV, CAMERA ETC.)

SI No	Specification	Value	Compliance	Offered Specification	Remark
1	Type of Cable	OS2	Yes / No / Explain		
2	Quantity	1800 meters	Yes / No / Explain		
3	Attenuation	At 1310nm ≤ 0.35±0.02 dB/KM At 1550nm ≤ 0.23±0.02 dB/KM	Yes / No / Explain		



4	No. of tubes	Unitube	Yes / No / Explain		
5	No. of Cores	12	Yes / No / Explain		
6	Core wrapping	Polyethylene terephthalate or better	Yes / No / Explain		
7	Maximum Tensile Strength Short term	1000 N or more	Yes / No / Explain		
8	Maximum Crush resistance Short term	2000 N/10 cm or more	Yes / No / Explain		
9	Operating Temperature	0° C to + 60° C or better	Yes / No / Explain		
10	Outer Sheath Thickness	1.8 mm or more	Yes / No / Explain		
11	Mode Field Diameter @1310 nm	9.2 ± 0.4µm	Yes / No / Explain		
12	Cladding Diameter	125 ± 1.0µm	Yes / No / Explain		
13	Armouring ECCS tape	ECCS tape	Yes / No / Explain		
14	ECCS thickness	> 0.12mm	Yes / No / Explain		
15	Maximum Bend Radius 20D	20D	Yes / No / Explain		
16	Coating Diameter	245± 10 µm	Yes / No / Explain		

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### 15. SURVEILLANCE SYSTEM (CCTV, CAMERA ETC.)

#### 15.Fiber Panels (LIU) JB Mount (24 Port Single Mode)

#### Item specifications for SURVEILLANCE SYSTEM (CCTV, CAMERA ETC.)

SI No	Specification	Value	Compliance	Offered Specification	Remark
1	Accessibility	Allow easy access during installation or re-work with no disturbance of the existing cable or fibers.	Yes / No / Explain		

2	Quantity	3 Nos	Yes / No / Explain		
3	Multi cable entry	Should have Upto 4 standard cable entry points for loose tube, tight buffer and steel tape armoured cable.	Yes / No / Explain		
4	Mount	19" Rack Mountable Cabinet	Yes / No / Explain		
5	Fiber management	It should come fully loaded with fiber pigtailed of 1.5m length, Splice tray and hardware kit.	Yes / No / Explain		
6	Metal Panel and Material	Cold Rolled Steel Construction and Powder Coated Steel Body	Yes / No / Explain		
7	Accommodation	at least 6 port for 4 modules for SC-Duplex	Yes / No / Explain		
8	Adapter Type	Adapters should be of Screw fit type or better	Yes / No / Explain		
9	Splicing	Fusion Splicer, Splice tray should have stacking option with removable hinge	Yes / No / Explain		
10	Label Facility	Built in Label Facility	Yes / No / Explain		
11	OEM certificate	OEM certificate to be provided	Yes / No / Explain		

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### 16. SURVEILLANCE SYSTEM (CCTV, CAMERA ETC.)

#### 16.Fiber Panels (LIU) JB Mount( 6 Port Single Mode)

#### Item specifications for SURVEILLANCE SYSTEM (CCTV, CAMERA ETC.)

SI No	Specification	Value	Compliance	Offered Specification	Remark
1	Accessibility	Allow easy access during installation or re-work with no disturbance of the existing cable or fibers.	Yes / No / Explain		

2	Quantity	8 Nos	Yes / No / Explain		
3	Multi cable entry	Should have Upto 2 standard cable entry points for loose tube, tight buffer, and steel tape armoured cable.	Yes / No / Explain		
4	Mount	19" Rack Mountable Cabinet	Yes / No / Explain		
5	Fiber management	It should come fully loaded with fiber pigtailed of 1.5m length, Splice tray and hardware kit.	Yes / No / Explain		
6	Adapter Type	Adapters should be of Screw fit type or better	Yes / No / Explain		
7	Splicing	Fusion Splicer, Splice tray should have stacking option with removable hinge	Yes / No / Explain		
8	OEM certificate	OEM certificate to be provided	Yes / No / Explain		

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## 17. SURVEILLANCE SYSTEM (CCTV, CAMERA ETC.)

### 17.Single Mode Duplex Fiber Patch Cord SC - LC

#### Item specifications for SURVEILLANCE SYSTEM (CCTV, CAMERA ETC.)

Sl No	Specification	Value	Compliance	Offered Specification	Remark
1	Mode	SC-LC Single Mode Duplex Fiber Patch Cords	Yes / No / Explain		
2	Quantity	30 Nos	Yes / No / Explain		
3	Length	3 Meters	Yes / No / Explain		
4	Cladding - OD (um)	125+/- 1 µm or better	Yes / No / Explain		
5	Mode Field Dia	9.0µm +/- 0.4µm @1310nm or better	Yes / No / Explain		
6	Max. Attenuation @ 850nm	3.5 dB/Km or better	Yes / No / Explain		

7	Max. Attenuation @ 1310nm	1.5 dB/Km or better	Yes / No / Explain		
8	Operating Temperature	0°C to +50°C or better	Yes / No / Explain		

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**18. SURVEILLANCE SYSTEM (CCTV, CAMERA ETC.)**

**18.CAT6 STP Cable (Armoured UTP Cable)**

**Item specifications for SURVEILLANCE SYSTEM (CCTV, CAMERA ETC.)**

SI No	Specification	Value	Compliance	Offered Specification	Remark
1	Material	23 AWG bare solid copper, CAT-6 UTP Cable	Yes / No / Explain		
2	Quantity	1500 m	Yes / No / Explain		
3	Color code	Blue / White-Blue,; Orange / White-Orange ;Green / White-Green,; Brown / White – Brown	Yes / No / Explain		
4	Type Of Conductors	4 pair 23 AWG Conductors	Yes / No / Explain		
5	Gigabit Requirements	Should meet or exceed Gigabit Ethernet requirements at 90 Mtrs.	Yes / No / Explain		
6	Insulation	Solid Polyethylene armoured wire / corrugated tape	Yes / No / Explain		
7	Performance Characteristics	EIA/TIA-568C.2 standards or better	Yes / No / Explain		
8	Operating Temperature	0° C to + 50° C or better	Yes / No / Explain		

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**19. SURVEILLANCE SYSTEM (CCTV, CAMERA ETC.)**

**19.CAT 6 UTP Cable**

**Item specifications for SURVEILLANCE SYSTEM (CCTV, CAMERA ETC.)**

SI No	Specification	Value	Compliance	Offered Specification	Remark
1	Color code	Blue / White-Blue, :Orange / White- Orange, : Green / White-Green, : Brown / White – Brown	Yes / No / Explain		
2	Quantity	610 m	Yes / No / Explain		
3	Type Of Conductors	4 pair 23 AWG Conductors	Yes / No / Explain		
4	Operating Temperature	0° C to + 50° C or better	Yes / No / Explain		

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## 20. SURVEILLANCE SYSTEM (CCTV, CAMERA ETC.)

### 20.Pole

#### Item specifications for SURVEILLANCE SYSTEM (CCTV, CAMERA ETC.)

SI No	Specification	Value	Compliance	Offered Specification	Remark
1	Material	Galvanized Iron. The pole should be corrosion resistant and the top edge of the pole should be closed ( water should not enter in the pole).	Yes / No / Explain		
2	Quantity	34 Nos.	Yes / No / Explain		
3	Height	6 m (based on mounting height, adjustable rods to be welded)	Yes / No / Explain		
4	Lightning protection	Necessary earthing to be provided for lightening protection as per industry standard.	Yes / No / Explain		
5	Installation of pole	Poles should be erected to withstand the load on a concrete foundation. All the works related to pole erection should be done by the Vendor.	Yes / No / Explain		

6	Type	Two steps	Yes / No / Explain		
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**21. SURVEILLANCE SYSTEM (CCTV, CAMERA ETC.)**

**21. Armoured Power Cable**

**Item specifications for SURVEILLANCE SYSTEM (CCTV, CAMERA ETC.)**

SI No	Specification	Value	Compliance	Offered Specification	Remark
1	No of cores , size and Type	3 core / 2.5 sq.mm, Armoured cable	Yes / No / Explain		
2	Quantity	1500m	Yes / No / Explain		
3	Voltage grade	650/1100V	Yes / No / Explain		
4	Conductor material	Plain annealed Copper as per Class 1 of IS8130/84	Yes / No / Explain		
5	Insulation material	XLPE as per IS 7098(Pt-1)/88, Latest	Yes / No / Explain		
6	Insulation thickness	Nominal: 0.7mm or more	Yes / No / Explain		
7	Cable	The cores laid up in a suitable lay/row to form a cable	Yes / No / Explain		
8	Inner sheath material	Extruded PVC Type ST2 as per IS:5831/84	Yes / No / Explain		
9	Inner sheath thickness	Minimum 0.3mm	Yes / No / Explain		
10	Armouring material	1.4mm:Nominal, Galvanised Steel	Yes / No / Explain		
11	Outer sheath material	PVC Type 'ST2' as per IS:5831/84	Yes / No / Explain		
12	Outer sheath thickness	≥1.24 mm	Yes / No / Explain		
13	High voltage test core to core for one minute	3KV	Yes / No / Explain		

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## 22. SURVEILLANCE SYSTEM (CCTV, CAMERA ETC.)

### 22. Junction Box

#### Item specifications for SURVEILLANCE SYSTEM (CCTV, CAMERA ETC.)

Sl No	Specification	Value	Compliance	Offered Specification	Remark
1	Type	Weather proof IP55 rated junction box (MS with Powder coating and Anti-Corrosion painting)	Yes / No / Explain		
2	Quantity	Vendor has to do the survey before submission of quotation for arriving at exact number of pole/junction boxes and accordingly they have to quote.	Yes / No / Explain		
3	Dimension	400 mm(Width) x 400 mm(Height) x 300 mm(Depth) or suitable size	Yes / No / Explain		
4	Mount	Pole/Wall mount provision and all mounting accessories	Yes / No / Explain		
5	Power Provision	Power Distribution Box - 1No's with 6Amp MCB	Yes / No / Explain		
6	Exhausting Provision- Front	Front Door, Middle Portion should have provision for small louvers.	Yes / No / Explain		
7	Other Features	The Cable inlet points at junction box should be water proof by providing rubber linings. Grounding provision and locking facility for junction box.	Yes / No / Explain		

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## 23. SURVEILLANCE SYSTEM (CCTV, CAMERA ETC.)

### 23. Optical cable pipe

#### Item specifications for SURVEILLANCE SYSTEM (CCTV, CAMERA ETC.)

SI No	Specification	Value	Compliance	Offered Specification	Remark
1	Material	HDPE (High Density Polyethylene) pipes	Yes / No / Explain		
2	Quantity	1500m	Yes / No / Explain		
3	Inner Diameter	25mm	Yes / No / Explain		
4	Surface Finishing	Rough	Yes / No / Explain		
5	Operating Temperature	0°C - 50°C or better	Yes / No / Explain		

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**24. SURVEILLANCE SYSTEM (CCTV, CAMERA ETC.)**

**24.Installation charges**

**Item specifications for SURVEILLANCE SYSTEM (CCTV, CAMERA ETC.)**

SI No	Specification	Value	Compliance	Offered Specification	Remark
1	Installation	Installation should be executed as early as possible (as per clause #7 of Terms and Conditions)	Yes / No / Explain		

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**25. SURVEILLANCE SYSTEM (CCTV, CAMERA ETC.)**

**25.AMSC charges**

**Item specifications for SURVEILLANCE SYSTEM (CCTV, CAMERA ETC.)**

SI No	Specification	Value	Compliance	Offered Specification	Remark
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1	AMSC	<p>Vendor is required to commit for non comprehensive annual maintenance contract post warranty period. Annual Maintenance contract shall be quoted for 1 year after warranty period.</p> <p>Routine Preventive Maintenance Schedule to be submitted (quarterly).</p> <p>Breakdown calls response within 6 hours of intimation, and provide a solution within 24 hours.</p>	Yes / No / Explain		
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**Supporting Documents required from Vendor**

**1. Local content Declaration**

**2. Technical Compliance sheet**

**3. if any other doc**

**4. COMMERCIAL TEMRS COMPLIANCE**

**5. All documents and Data sheets asked in eligibility criteria to be submitted during the price bid**

5 additional documents can be uploaded by the vendor

## C.2 Commercial Terms / Bid

Sl. No.	Description	Compliance	Vendor Terms
1	Vendor has to supply all the items listed in the specification and also get the necessary tools and equipments for the installation and commisioning entire Surveillance System	Yes / No / Explain	
2	Goods and Services Tax [GST]:	Yes / No / Explain	
3	Delivery Terms [Indigenous Supply]: Tenderer[s] is requested to quote the Price[s] [Basic Price of item, Packing, Forwarding and Freight, Insurance and Handling Charges if any] up to LEOS, Bengaluru.	Yes / No / Explain	
4	Delivery Date/Completion Date: Delivery is the essence of the Contract. Tenderer[s] are hereby requested to mention the Firm Delivery Date/Completion Date.	Yes / No / Explain	
5	Packing and Forwarding Charges if any	Yes / No / Explain	
6	Freight Charges if any	Yes / No / Explain	
7	Insurance Coverage if any	Yes / No / Explain	
8	Mode of Despatch ( Air/Road)	Yes / No / Explain	
9	Whether Export Licence Required	Yes / No / Explain	
10	Payment Terms. For Indigenous: Our Standard Payment Terms is 100% payment within 30 days after Receipt and Acceptance of Stores at LEOS. . Advance Payment will not be considered.	Yes / No / Explain	
11	Bank Charges: Tenderer[s] are hereby requested to take note that All Bank Charges inside India shall be borne by the Purchaser. Similarly, All Bank Charges outside India shall be borne by Contractor.	Yes / No / Explain	

12	<p>Agency Commission if any:Tenderer[s] shall mention the percentage [%] of Agency Commission included in the quoted Price payable to the Indian Agent in equivalent Indian Rupees on the basis of TT buying rate of exchange prevailing on the date of placement of Purchase Order.</p>	Yes / No / Explain	
13	<p>Performance Bank Guarantee:The Contractor shall execute Performance Bank Guarantee for 3% value of the Purchase Order for fulfilment of Warranty obligations. The PBG shall be executed through Account Payee Demand Draft/ Fixed Deposit receipts or Bank Guarantee issued by a Nationalized Bank/Schedule Bank/International reputed Bank approved by RBI. The PBG shall be executed on a Non Judicial Stamp Paper of Rs. 200/- value. The Performance Bank Guarantee shall be executed as per our specimen. The Performance Bank Guarantee shall be executed before claiming payment. The PBG will not carry any interest and shall be returned after completion of all the Contractual obligations of the Contract with a NO CLAIM CERTIFICATE issued by Contractor as per our Specimen enclosed. Adherence to this clause is compulsory or otherwise, the Tender will be rejected.</p>	Yes / No / Explain	

14	<p>Security Deposit: The Contractor shall execute Security Deposit for 3% of the value of the Purchase Order to ensure Satisfactory Performance of the Contract as per our specimen. The Security Deposit shall be executed within 20 days after Receipt of Purchase Order or any extension thereof. The Security Deposit is to be furnished in the form of Account Payee Demand Draft or Fixed Deposit Receipt or Bank Guarantee from Nationalized Bank/Scheduled Bank/International reputed Bank approved by RBI. The Security Deposit shall be executed on a Non Judicial Stamp Paper of Rs. 200/- value. In case the Contractor fails to furnish the Security Deposit within 20 days or any extension thereof the Purchase Order shall be Cancelled or Terminated and appropriate penal action shall be initiated. Any breach of the Terms and Conditions of the PO including Delivery Period, Security Deposit shall be forfeited and PO shall be terminated and cancelled at the Contractors risk, cost and liability. The Security Deposit will not carry any interest and shall be returned after completely executing the order.</p>	Yes / No / Explain	
15	<p>Warranty/Guarantee: Tenderer[s] are requested the Indicate Applicable Standard Warranty/Guarantee Period. All the replacements during the Warranty period shall be carried out by the successful Tenderer[s] Free of all Cost including To and Fro Freight Charges</p>	Yes / No / Explain	

16	<p>Liquidated Damage: The time and date stipulated in the contract for completion of the work shall be deemed to be the essence of the contract. If the Contractor fails to deliver the Stores within the time specified in the Contract or any extension thereof or if the Contractor fails to maintain the required progress or comply with the relevant provisions of the general conditions of contract or special conditions of contract, if any and clear the site on or before the contract or extended date of completion, the Purchaser shall, without prejudice to any other right or remedy available under the law to Purchaser on account of such breach, recover from the Contractor as Liquidated Damages a sum one half of one percent [0.5 percent] of the Contract price of the undelivered Stores for each calendar week of delay or part thereof. The total Liquidated Damages shall not exceed Ten percent [10 percent] of the Contract price of the unit or units so delayed. Adherence and acceptance to this Clause is Compulsory or otherwise the Tender will be rejected. In case of delay in delivery of the Stores beyond the delivery date stipulated in the Purchase Order/Contract or any extension thereof, such Stores shall be received without prejudice to the right of the Purchaser to claim Liquidated Damages and without prejudice to the terms and conditions of the Purchase Order/Contract.</p>	Yes / No / Explain	
17	<p>Pre Delivery Inspection [PDI] [if Required]: The successful Tenderer[s] has to arrange for the necessary PDI of the Stores at the Contractor Factory Premises to enable LEOS Engineers to carry out PDI. The PDI is applicable wherever the RFP document/Scope of Work calls for such an inspection..</p>	Yes / No / Explain	
18	<p>Factory Acceptance Testing [FAT] [if Required]: The successful Tenderer[s] has to arrange for the necessary FAT of the Stores at the Contractor Factory Premises to enable URSC Engineers to carry out FAT. The FAT is applicable wherever the RFP document/Scope of Work calls for such an FAT</p>	Yes / No / Explain	
19	Training if any	Yes / No / Explain	

20	Tenderer[s] are requested to mention whether Installation, Testing, Commissioning, Demonstration, Acceptance and imparting Training is necessary for the Tendered Stores. Do not mention any price under this column in case of Two Part Tender.	Yes / No / Explain	
21	Arbitration: a) For Indigenous: In the event of any dispute/s, difference/s or claim/s arising out of or relating to the interpretation and application of the Contract, such dispute/s or difference/s or claim/s shall be settled amicably by mutual consultations of the good Offices of the respective Parties and recognizing their mutual interests attempt to reach a solution satisfactory to both the parties. If such a resolution is not possible, within 30 days from the date of receipt of written notice of the existence of such dispute/s, then the unresolved dispute/s or difference/s or claim/s shall be referred to the Sole Arbitrator appointed by Director, LEOS, Bengaluru in accordance with the rules and procedures of Arbitration and Conciliation Act 1996 together with amendments thereto or any modification thereof. The expenses for the Arbitration shall be paid as may be determined by the Arbitrator. The Arbitration shall be conducted in Bengaluru. The considered and written decision of the Arbitrator shall be final and binding between the Parties. The Seat for Arbitration shall be Bengaluru. The applicable language for Arbitration shall be English only. Work under the contract shall be continued by the Tenderer during the pendency of arbitration proceedings, without prejudice to a final adjustment in accordance with the decision of the Arbitrator unless otherwise directed in writing by the Purchaser or unless the matter is such that the works cannot be possibly continued until the decision (whether final or interim) of the Arbitrator is obtained. Adherence and acceptance to this Clause is Compulsory or otherwise the Tender will be rejected.	Yes / No / Explain	

22	<p>Arbitration: b) For Overseas Supplier: In the event of any dispute or difference arising out of or in connection with this Purchase Order, such dispute or difference shall be settled amicably by mutual consultations or through the good offices of the respective parties. If such resolution is not possible, then the unresolved dispute or difference shall be referred to the Sole Arbitrator appointed in accordance with provisions of the ICADR Arbitration Rules, 1996 of the International Center for Alternative Dispute Resolution, New Delhi. The Arbitration shall be conducted in India in accordance with the Rules &amp; Procedures of the Arbitration and Conciliation Act of 1996 or any re enactment or modification thereof. The expenses for the Arbitration shall be paid as may be determined by the Arbitrator. The Seat for Arbitration shall be Bengaluru. The applicable language for Arbitration shall be English only. Adherence and acceptance to this Clause is Compulsory or otherwise the Tender will be rejected.</p>	Yes / No / Explain	
23	<p>Arbitration: c) For Public Sector Undertakings: In the event of any dispute or difference relating to the interpretation and application of the Contract, such dispute or difference shall be settled amicably by mutual consultations of the good Offices of the respective parties. If such a resolution is not possible, then the unresolved dispute or difference shall be referred to the Sole Arbitrator appointed in the Department of Public Enterprise under the Permanent Machinery for Arbitration. Non Adherence and acceptance to this Clause is Compulsory or otherwise the Tender will be rejected.</p>	Yes / No / Explain	
24	<p>Applicable Law and Jurisdiction: Contract shall be interpreted, construed and governed by the Laws of India and the Courts in Bengaluru City alone shall have exclusive jurisdiction in this regard, to the extent permissible under the Arbitration and Conciliation Act, 1996. Non acceptance to this Clause will amount to rejection of the Tender.</p>	Yes / No / Explain	
25	Validity of Offer [180 Days].	Yes / No / Explain	

26	No. of Shipments.	Yes / No / Explain	
27	Company postal address along with Email ID and PH No.	Yes / No / Explain	
28	<p>SECRECY: The technical information, drawings, specifications and other related documents, forming part of the CONTRACT, are the property of the Purchaser and shall not be used for any other purpose, except for execution of the CONTRACT. All rights, including rights in the event of grant of patent and registration of designs are reserved. The technical information, drawings, specifications, records and other documents shall not be copied, transcribed, traced or reproduced in any other form or otherwise in whole and/or duplicated, modified, divulged and/or disclosed to a third party nor misused in any other form whatsoever without Purchasers consent in writing except to the extent required for the execution of this CONTRACT. These technical informations, drawings, specifications and other related documents shall be returned to the Purchaser with approved copies and duplicates, if any, immediately after they have been used for the agreed purpose.</p>	Yes / No / Explain	
29	<p>PUBLICITY: No publicity of any kind whatsoever in case of PURCHASE ORDER shall be given by the Supplier without prior permission of the Purchaser. 2.Purchase Officer, LEOS, reserves the right to accept or reject any/or all the tenders in part or full without assigning any reasons thereof.</p>	Yes / No / Explain	
30	Delivery Terms: For Indigenous supply: FOR LEOS	Yes / No / Explain	



31	In this tender either the Indian agent on behalf of the principal/OEM or the principal /OEM itself can bid, but both cannot bid simultaneously for the same item. Indian agents while quoting on behalf of their principals shall provide necessary latest authorisation letter obtained from their principals/manufacturers. 2.If an agent submit bid on behalf of the principal/OEM, the same agent shall not submit a bid on behalf of another principal/OEM in this tender for the same item. If submitted, all offers will be liable for rejection.	Yes / No / Explain	
32	AS PER GOVERNMENT OF INDIA, MINISTRY OF FINANCE ORDER (PUBLIC PROCUREMENT NO 1) DATED 23 JULY, 2020, ANY BIDDER FROM A COUNTRY WHICH SHARES A LAND BORDER WITH INDIA WILL BE ELIGIBLE TO BID IN ANY PROCUREMENT WHETHER OF GOODS, SERVICE (INCLUDING CONSULTANCE SERVICES AND NON CONSULTANCY SERVICES) OR WORKS (INCLUDING TURNKEY PROJECTS) ONLY IF THE BIDDER IS REGISTERED WITH THE COMPETENT AUTHORITIES. DEPARTMENT OF INDUSTRY AND INTERNAL TRADE9DPIIT0 NEW DELHI	Yes / No / Explain	
33	If an agent submit bid on behalf of the principal/OEM, the same agent shall not submit a bid on behalf of another principal/OEM in this tender for the same item. If submitted, all offers will be liable for rejection	Yes / No / Explain	
34	In this tender either the Indian agent on behalf of the principal/OEM or the principal /OEM itself can bid, but both cannot bid simultaneously for the same item. Indian agents while quoting on behalf of their principals shall provide necessary latest authorisation letter obtained from their principals/manufacturers	Yes / No / Explain	

35	<p>In case the bidders propose any other payment terms in deviation with the standard terms mentioned in the tender enquiry, it may be noted that applicable cash flow implications will be loaded on the prices quoted for commercial comparison of the offers. If advance payments are insisted by the bidders, interest at the rate of MCLR (Marginal Cost Linked Rate) as notified by State Bank of India from time to time shall be loaded on the prices for price comparison</p>	Yes / No / Explain	
36	<p>General Terms &amp; conditions for Bidders:</p> <p>For this procurement, bids from Class I &amp; class II Local Suppliers are admissible. hence 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 &amp; Industries vide letter No. P 45021/2/2017 PP(BE II) dated 04.06.2020 and subsequent amendment &amp; directives shall be followed. Accordingly, offer will be evaluated &amp; processed in conformation with above referred GOI order (Specially mentioned below). The bidder shall provide compliance and undertaking as per order and hereafter amendments:</p> <p>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).</p> <p>b) 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.</p> <p>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</p>	Yes / No / Explain	

37	<p>d)Verification of local content: i.The Class I local supplier / Class II local supplier at the time to tender, bidding or solicitation shall be required to indicate percentage of local content and provide self certification that the item offered meets the local content requirement for Class I local supplier / Class II local supplier as the case may be. They shall also give details of the location(s) at which the local value addition is made. ii.In case bid value is in excess of Rs. 10 Cr., Class I local supplier / Class II local supplier shall be required to provide a certificate from the statutory auditor or cost auditor of the company (in the case of companies) or from a practicing cost accountant or practicing chartered accountant (in respect of suppliers other than companies) giving the percentage of local content.</p>	Yes / No / Explain	
38	<p>ii.False declarations will be in breach of the code of Integrity under Rule 175(1)(i)(h) of the General Financial Rules (GFR) for which a bidder or its successors can be debarred for up to two years as per Rule 151 (iii) of the general Financial Rules along with such other actions as may be permissible under Law. A supplier who has been debarred by any procuring entity for violation of this order shall not be eligible for preference under this order for procurement by any other procuring entity for the duration of the debarment. The debarment for such other procuring entities shall take effect prospectively from the date on which it comes to the notice of other procurement entities, in the manner prescribed.</p>	Yes / No / Explain	
39	<p>Product Scope shall offer only standard and catalogued product for Equipment / Spares Cards / assemblies. If the above offered Equipment / Cards / Assemblies are under development / to be developed the bid will not be considered.</p>	Yes / No / Explain	
40	<p>The percentage of local content should be specifically mentioned in the offer, without which it will be summarily rejected</p>	Yes / No / Explain	

41	Performance will be given to class I Local supplier and in their absence, Class II Local supplier will be considered.	Yes / No / Explain	
42	Taxes : Government of India has implemented Goods and Services Tax [GST] w.e.f 01.07.2017. The Tenderer[s] should mandatorily posses a valid GSTIN along with the GST Registration Certificate. Please send duly self attested certificate of GST Registration along with offer[s], in the absence of which	Yes / No / Explain	

### C.3 Price Bid

Sl. No.	Item	Quantity	Unit Price	Currency	Total Price	Remark
1	SURVEILLANCE SYSTEM (CCTV, CAMERA ETC.) 1. Bullet camera	34.00 Nos.		-		
2	SURVEILLANCE SYSTEM (CCTV, CAMERA ETC.) 2.Video Management Software (VMS)	1.00 Lot		-		
3	SURVEILLANCE SYSTEM (CCTV, CAMERA ETC.) 3.Server	2.00 Nos.		-		
4	SURVEILLANCE SYSTEM (CCTV, CAMERA ETC.) 4.Storage (90 days)	1.00 Nos.		-		
5	SURVEILLANCE SYSTEM (CCTV, CAMERA ETC.) 5. Client Workstation	2.00 Nos.		-		

6	SURVEILLANCE SYSTEM (CCTV, CAMERA ETC.) 6. LED Display System – 55 inches	2.00 Nos.					
7	SURVEILLANCE SYSTEM (CCTV, CAMERA ETC.) 7. Horn Speaker	2.00 Nos.					
8	SURVEILLANCE SYSTEM (CCTV, CAMERA ETC.) 8. SIP MIC	1.00 Nos.					
9	SURVEILLANCE SYSTEM (CCTV, CAMERA ETC.) 9.Layer 2 LAN Switch - 24 Ports	2.00 Nos.					
10	SURVEILLANCE SYSTEM (CCTV, CAMERA ETC.) 10. Layer 2 LAN Switch - 8 Ports	9.00 Nos.					
11	SURVEILLANCE SYSTEM (CCTV, CAMERA ETC.) 11.Outdoor Rack 9U	9.00 Nos.					
12	SURVEILLANCE SYSTEM (CCTV, CAMERA ETC.) 12.Indoor Rack 12U	1.00 Nos.					

13	SURVEILLANCE SYSTEM (CCTV, CAMERA ETC.) 13. Indoor Rack 36U	1.00 Nos.					
14	SURVEILLANCE SYSTEM (CCTV, CAMERA ETC.) 14. Single Mode Loose Tube Fibre Cable 12 Core Outdoor (Armoured)	1800.00 m					
15	SURVEILLANCE SYSTEM (CCTV, CAMERA ETC.) 15. Fiber Panels (LIU) JB Mount (24 Port Single Mode)	3.00 Nos.					
16	SURVEILLANCE SYSTEM (CCTV, CAMERA ETC.) 16. Fiber Panels (LIU) JB Mount (6 Port Single Mode)	9.00 Nos.					
17	SURVEILLANCE SYSTEM (CCTV, CAMERA ETC.) 17. Single Mode Duplex Fiber Patch Cord SC - LC	30.00 m					

18	SURVEILLANCE SYSTEM (CCTV, CAMERA ETC.) 18.CAT6 STP Cable (Armoured UTP Cable)	1220.00 m		-		
19	SURVEILLANCE SYSTEM (CCTV, CAMERA ETC.) 19.CAT 6 UTP Cable	610.00 m		-		
20	SURVEILLANCE SYSTEM (CCTV, CAMERA ETC.) 20.Pole	34.00 m		-		
21	SURVEILLANCE SYSTEM (CCTV, CAMERA ETC.) 21. Armoured Power Cable	1500.00 m		-		
22	SURVEILLANCE SYSTEM (CCTV, CAMERA ETC.) 22.Junction Box	1.00 Lot		-		
23	SURVEILLANCE SYSTEM (CCTV, CAMERA ETC.) 23. Optical cable pipe	1500.00 m		-		
24	SURVEILLANCE SYSTEM (CCTV, CAMERA ETC.) 24.Installation charges	1.00 Lot		-		

25	SURVEILLANCE SYSTEM (CCTV, CAMERA ETC.) 25.AMSC charges	1.00 Years		-		
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