

**GOVERNMENT OF INDIA
DEPARTMENT OF SPACE
SEMI-CONDUCTOR LABORATORY (SCL)
CHANDIGARH**

Tender for LED Light Source

Bids to be submitted online

Tender No.: SCL/PurUnit -1/SC202200023401 dated 14-02-2023

A. Tender Details

Tender No : **SCL/PurUnit -1/SC202200023401**

Tender Date : **14-02-2023**

Tender Classification: **GOODS**

Purchase Entity : **PurUnit -1**

Centre : **SEMI-CONDUCTOR LABORATORY (SCL)**

LED Light Source

E-Procurement Tender No. SCL/PurUnit -1/SC202200023401 dated 14-02-2023, SEMI-CONDUCTOR LABORATORY [SCL] invites ONLINE offers in TWO part system through e-Tender portal <https://eproc.vssc.in> for Supply, Installation and commissioning of LED Light Source. Bid can be submitted from 14-02-2023 1730 Hrs. to 10-03-2023 upto 1430 Hrs. The vendors 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 tender will be entertained.

Vendor/s interested to participate in this e-Tender are required to register themselves as vendors, if not already registered, in our e-procurement portal <https://eproc.vssc.gov.in> by downloading plugins and help demos listed on the home page of the e-procurement link mentioned above to complete the vendor registration process. Vendor/s can seek help from help desk +91-471-2565454/2562527 (Email: eproc@vssc.gov.in) also the home page of eprocurement portal may be accessed for any technical help for registration and subsequent process. Vendor/s may please note that without registering in our Eprocurement portal they will not be able to quote for this tender.

In case of Public Tender, the bids shall be opened in the presence of the bidders/ their authorized representatives who may like to attend the tender opening against presentation of Authorization letter. In case of any breakdown in Server/Link, bid opening will be continued on the following dates.

The schedule of opening of Price bids shall be intimated separately to the technically qualified bidders only.

In case bidder encounters any technical snag pertaining to e-procurement system while acting on the tender, computer screen shot of the error message with date time stamp on the web-browser along with the query shall be e-mailed by the bidder to the help desk, for resolution of the problem, at least 3

working days exclusive of Saturday, Sunday or any Govt. Holiday before the due date and time of bid submission. The contact detail of the help desk is available on the home page of the e-procurement website.

Purchaser will make all efforts to resolve technical queries reported by the bidders but will not be bound to do so if the problems are reported beyond the time mentioned above. Purchaser will not be responsible for non-submission of bids for such cases.

The time taken to ascertain, evaluate and suggest a solution for the problem reported by bidder may vary from case to case. Hence bidders are advised to submit the bid well in advance before closing date and time to avoid last minute issues.

A.1 Tender Schedule

Bid Submission Start Date :	14-02-2023 17:30
Bid Clarification Due Date :	24-02-2023 16:00
Bid Submission Due Date :	10-03-2023 14:00
Bid Opening Date :	10-03-2023 14:30
Price Bid Opening Date :	20-03-2023 14:00

B. Tender Attachments

Technical Write-up/Drawings

Document : Annexure-I

Instructions To Vendors

2. Instruction to Tenderers

1.This being a two part tender i.e. Technical and Commercial part separate, the Technical part should not contain Pricing information of the Tendered stores. The tenders containing Price details of the Tendered stores in Technical part will be summarily rejected. Prices should be indicated in the Price Bid template only.

2.Interested tenderers may, at their option, login to <https://eproc.vssc.gov.in> and submit offers as per details in the tender notification.

3.Request for the extension of the due date will not be considered.

4.SCL reserves the right to accept or reject any / or all the tenders in part or full without assigning any reasons thereof. The bidder is at liberty to seek information related to bidding conditions, bidding process and/or rejection of its bid.

5.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 authorization letter obtained from their Principals/Manufacturers in their bid.

6. If an agent submits bid on behalf of the Principal/OEM, the same agent shall not submit a bid on behalf of another Principal/OEM in the tender for the same item. If submitted, all offers submitted by the said agent shall be excluded from the procurement process

7.SCL reserves the right to exclude the bidder from procurement process who have not agreed to furnish Security Deposit and Performance Bank Guarantee as sought vide this tender.

8.In case the bidder gives shorter validity than the period specified in the tender enquiry. SCL reserves the right to exclude the bidder from procurement process.

9.Only tender submitted through ISRO e-procurement portal shall be considered.

- 10.SCL reserves the right to verify all claims made by the bidder.
- 11.SCL reserves the right to change any milestone date of the tendering activity / tender schedule.
- 12.Tender which is not submitted as per the of instructions mentioned herein is liable to be rejected.
- 13.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 portions of the quantity offered and the tenderer shall supply the same at the rates quoted.
- 14.It is expressly agreed that the acceptance of the Stores Contracted for is subject to final approval in writing by the Purchaser.
- 15.It is to be noted that the drawings, specifications, end-use, etc., given by the purchaser, are confidential and shall not be disclosed to any third party.
- 16.Prices are required to be quoted according to the units indicated in the tender. 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.
- 17.The taxes, duties etc. are to be calculated and indicated in the column provided in online forms explicitly.
- 18.Bidders are expected to comply with commercial and other terms and conditions given in vendor specified terms of this tender. In case of any deviation, the reasons thereof should be clearly specified in the vendor specified terms column.
- 19.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.
- 20.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 tenderer will have to remove the samples at his own expense.
- 21.Approximate net and gross weight of the items offered wherever required shall be indicated in your offer. If dimensional details are available the same should also be indicated in your offer.
22. Specifications: Stores offered should strictly confirm to our specifications. Deviations, if any, should be clearly indicated by the tenderer in his bid. 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. Wherever options have been 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.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.

24. The contractor shall also undertake the supply of additional number of items covered by the order as considered necessary by the purchaser at a later date, the actual price to be paid shall be mutually agreed to after negotiations.

25.Subletting and Assignment: The contractor/supplier cannot sublet, transfer or assign the order/Contract or any part thereof or interests therein or benefit or advantage thereof in any manner whatsoever, to any other party without written consent of the purchaser. Such consent by the purchaser, however, shall not relieve or discharge the contractor/supplier from any obligation, duty or responsibility under the Purchase Order/ Contract.

26.The contractor/supplier shall indemnify the purchaser against Workmen Compensation Act.

27.The authority of the person submitting the tender, if called for, should be produced.

28.In case of Public Tender, the bids shall be opened in the presence of the bidders/their authorized representatives who may like to attend the tender opening against presentation of Authorization letter. In case of any breakdown in Server/Link, bid opening will be continued on the following dates. The schedule of opening of Price bids shall be intimated separately to the technically qualified bidders only.

29.PROCEDURE FOR EVALUATION OF TENDERS:

Technical Evaluation Criteria:

Vendor meeting the eligibility criteria and basic technical specifications mentioned in SCL Tender are likely to be considered to be technically qualified.

Evaluation of Price Bids

The following elements shall be considered for evaluation of Price Bids:

- a.Price quoted by the bidder in the price bid template is for meeting the functionalities given in the Tender and Technical Specifications sheet.
- b.In case quotations are submitted in foreign currencies, during preparation of price tabulation, Foreign Exchange(FE) conversion rate vis-a-vis Indian currency(INR) will be worked out on the basis of FE TT selling rate prevailing on the day of opening of technical bids.
- c.Compliance with the Payment Terms prescribed in this tender document. In the event, the bidder

- offers Payment Terms stringent than SCL prescribed Payment Terms, the bid of the bidder shall be loaded as per prime landing rate of Reserve Bank of India (RBI) and added to the landed cost.
- d. In the event of the bidder requiring SCL to bear bank charges outside India (foreign bank charges), the bidder's bid shall be loaded suitably on the quoted price towards bank charges outside India.
- e. In case, the price quoted is FCA/FOB/Ex-works, the charges towards Freight as quoted or a maximum of 5% of price quoted, Customs Duty & taxes as applicable shall be taken into account to arrive landed cost.
- f. Comparison between Indigenous & Imported Offers: If both indigenous offers and imported offers are to be compared, 2% of the total landed cost of foreign offers shall be added towards charges for Customs clearance and local transportation for delivery at SCL.
- g. Post warranty AMC charges and cost of recommended spares and Consumables shall not be taken into account for evaluation of price bids.
- h. Calibration charges at user site after warranty shall not be taken into account for evaluation of price bids.

3. TERMS AND CONDITIONS

1. DEFINITIONS:

- (a) The term Purchaser shall mean the President of India or his successors or assignees.
- (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 Contractor's Successors, representatives, 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 authorised intimating the acceptance on behalf of the Purchaser on the terms and conditions mentioned or referred to in the said communication accepting the Tender or offer of the Contractor for supply of stores of plant, machinery or equipment of part thereof.
- (d) The term Stores shall mean what the Contractor agrees to supply under the Contract as specified in the Purchase Order.

2. 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.

3. DEMURRAGE: Supplier shall bear demurrage charges, if any, incurred by the purchaser due to delayed presentation of shipping documents to the bankers within a reasonable time (say within 10-12 days) from the date of bill of lading for sea consignments and within 3-4 days from the date of Air Way Bill for air consignments.

4. GUARANTEED TIME DELIVERY: The time for and the date of delivery stipulated in the Purchase Order shall be deemed to be the essence of the Contract. Delivery must be completed within the date specified therein.

5. INSPECTION AND ACCEPTANCE TEST:

5.1 The Purchaser's representatives shall also be entitled at all reasonable times during manufacture to inspect, examine and test on the Contractor's 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 for the purchaser s representative permission to inspect, examine and test as if the equipment were being manufactured on the Contractor s premises. Such inspection, examination and testing shall not release the Contractor from the obligations under this Contract.

5.2 For tests on the premises of the Contractor or of any of his sub-Contractors, the Contractor shall provide free of cost assistance, labour, material, electricity, fuel and instruments as may be required or as may be reasonably needed by the purchaser s representative to carry out the tests efficiently.

5.3 When the stores have passed the specified test, the purchasers representative shall furnish a certificate to the effect in writing to the Contractor. The Contractor shall provide copies of the test/s certificates to the purchaser as may be required.

6.REQUIREMENT OF ADDITIONAL NUMBERS OF THE STORES/SPARE PARTS ORDERED: The Contractor shall also undertake the supply of additional number of items covered by the order as considered necessary by the purchaser at a later date, the actual price to be paid shall be mutually agreed.

7.LANGUAGE AND MEASURES: All documents pertaining to the Contract including specification, schedule, notice, correspondence, operating and maintenance instructions, drawings or any other writings shall be written in English language. The metric system of measurement shall be used exclusively in the Contract.

8.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, copyright or trade mark and shall at all times indemnify the purchaser against all claims which may be made in respect of stores for infringement of any right protected by Patent, Registration of design or Trade Mark, and shall take all risk of accident 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.

9.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.

10.SECURITY INTEREST: On each item to be delivered under this Contract, including an item of work in progress in respect of which payments 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 item is finally accepted and delivered to the purchaser in accordance with the terms of the 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 entity.

11.TRAINING: The Contractor shall, if required by the purchaser, provide facilities for the practical training of Purchaser s engineering / technical personnel from India and for their active association on the manufacturing processes throughout the manufacturing period of the Contract / stores, number of

such personnel to be mutually agreed upon.

C. Bid Templates

C.1 Technical Bid - LED Light Source

1. LED Light Source for Image Sensor Characterization

1.1 LED Light Source for Image Sensor Characterization - Annual Maintenance Contract

1.2 LED Light Source for Image Sensor Characterization - Parts Replacement Cost

Item specifications for LED Light Source for Image Sensor Characterization

SI No	Specification	Value	Compliance	Offered Specification	Remark
1	Spectral Output	1a)Discrete LED channels: Minimum 32	Yes / No / Explain		
2	Spectral Bandwidth	1ba)Visible Typical ≈ 20 nm FWHM 1bb) NIR Typical ≈ 50 nm FWHM	Yes / No / Explain		
3	Source Geometry	Minimum 75 mm diameter	Yes / No / Explain		
4	Source Type	Lambertian Radiant Source	Yes / No / Explain		
5	Spectral Range	380 nm to 1,000 nm (User programmable)	Yes / No / Explain		
6	Luminance Range	0.3 to 23mW/cm ² -Sr (equivalent photometric units i.e.200 to 16000 cd/m ²) or better	Yes / No / Explain		
7	Spectral Accuracy	± 1 nm centroid wavelength or better	Yes / No / Explain		
8	Spatial Uniformity	$\geq 97\%$ over 8° field of view or better	Yes / No / Explain		
9	Illumination Stability	$\geq 99.9\%$ after start up time (Typical 10sec of warm-up time)	Yes / No / Explain		
10	Stray light (out of band) contribution	$\leq 0.3\%$ or better	Yes / No / Explain		
11	Non-Linearity	$< 0.2\%$ RMS of full scale	Yes / No / Explain		

12	Temperature Stability	$\pm 1^{\circ}\text{C}$ via active TEC or better	Yes / No / Explain		
13	Long-term Drift	Output $\leq 2\%$, Spectral $\leq 1\text{nm}$ per 10 hours or better	Yes / No / Explain		
14	Spectral irradiance power control	Software controlled in range: 0 to 100% tunable in 100 steps or more	Yes / No / Explain		
15	Working distance (Wd)	Vendor shall propose appropriate working distance between light generation end to DUT/Standard detector end. In order to meet Spatial Uniformity specification. (DUT Spec: 110mmx9mm detector with 10umx10um pixel area)	Yes / No / Explain		
16	Software	5aa)Software and drivers required to realize the complete functions and specifications of the system.	Yes / No / Explain		
17	Communication Ports	USB 2.0 type B and DB-9 OR (To be provided with interface/support in case of non-standard interface)	Yes / No / Explain		
18	Supported Operating Systems	driver support for Windows7 and 10	Yes / No / Explain		
19	Vendor to provide	All required software and drivers and its installation	Yes / No / Explain		
20	Lab Environment	Class 10000 or better environment condition compatible (System should not itself generate dust particles, to tamper Class 10K Lab Environment)	Yes / No / Explain		
21	Lab operating condition	$25^{\circ}\text{C} \pm 5^{\circ}\text{C}$ with RH 40 to 60%.	Yes / No / Explain		
22	Instrument power supply	$220 \pm 10\%$ AC voltage with $50 \pm 10\%$ Hz line frequency	Yes / No / Explain		

23	Accessories	Wide band photodiode for amplitude feedback & real-time λ measurements	Yes / No / Explain		
24	Assembly/Disassembly	Vendor to provide complete mechanical tool set for assembly/disassembly for regular maintenance (if required by the system)	Yes / No / Explain		
25	System Weight	Less than 20Kgs	Yes / No / Explain		

Document : Indent

Common Specifications (Applicable for all items)

SI No	Specification	Value	Compliance	Offered Specification	Remark
1	Standard Instrument	The offered equipment should be a standard, industry proven system. Customized equipment will not be accepted.	Yes / No / Explain		
2	Warranty	Minimum 2 year. Vendor to provide calibration during warranty period (if required)	Yes / No / Explain		
3	Uptime	28a) The vendor shall guarantee an Uptime of >95% during the warranty period on the basis of 24 hours working, 7 days a week. 28b) In the event of vendor's failure to maintain the above uptime, the warranty period shall be extended by the period in excess of the allowable downtime	Yes / No / Explain		
4	Post Warranty	Minimum 05 years service (maintenance & spares)	Yes / No / Explain		

5	Acceptance at SCL/Pre-shipment inspection	Acceptance after successful installation and Demo of the specifications mentioned as per annexure-I	Yes / No / Explain		
6	Technical Documentation	One set of User and programming manual	Yes / No / Explain		
7	Calibration	Vendor to specify the calibration schedule, nearest calibration centre and also quote separately (for reference ONLY) for calibration charges at SCL or at its own calibration centre after warranty.	Yes / No / Explain		
8	List of recommended spares and consumables	The vendor should recommend essential spares required for uninterrupted operation of the equipment and also quote separately (for reference ONLY) for them.	Yes / No / Explain		
9	Calibration certificate	Vendor to provide calibration certificate drawn by any of the accredited calibration laboratories.	Yes / No / Explain		
10	Training/Installation	OEM (Original Equipment Manufacturers) shall provide training (not its representative's) for installation and demonstration of the instrument at SCL/online. OEM to provide 2-3 days training covering operation, performance demonstration, debugging & maintenance aspect of instrument at SCL/online. Training at SCL will be preferred.	Yes / No / Explain		

11	Eligibility Criteria	<p>37a)Only OEM or their authorized representatives are eligible to participate in the tender.</p> <p>37b)The OEM should have experience in the manufacture, installation and maintenance support of LED Light Sources for silicon detector characterization.</p> <p>37c)The OEM must have a track record of at least 7 years in the manufacture of Light Source equipments for Silicon Detector characterization.</p> <p>37d)The vendor must have supplied at least one industry proven LED light source for silicon detector characterization to semiconductor industry or Laboratories within the last two years. The vendor shall provide their client list and list of installation for such tools installed by them.</p> <p>37e)The vendor should have their service support in India.</p>	Yes / No / Explain		
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Supporting Documents required from Vendor

1. Authorization Letter (other than OEM)
2. Technical documentation: User and programming manual
3. List of recommended spares and consumables (if any)
4. Factory acceptance report
5. Calibration Certificates

5 additional documents can be uploaded by the vendor

C.2 Commercial Terms / Bid

Sl. No.	Description	Compliance	Vendor Terms
1	As per Annexure I	Yes / No / Explain	
2	<p>This being a two part tender Technical and Commercial part separate, the Technical part should not contain pricing information. The tenders containing Price details in technical part will be summarily rejected.</p> <p>The Prices should be indicated in the Price Bid template only.</p>	Yes / No / Explain	
3	<p>Export License: The vendor shall inform whether Export License for the tendered equipment is required or not. If required, vendor to provide commitment that they will able to obtain Export License.</p>	Yes / No / Explain	
4	<p>Delivery Terms (For imported stores): Prices shall be quoted on FOB/FCA nearest International / Gateway airport basis inclusive of all taxes, levies, duties arising in the tenderer country</p>	Yes / No / Explain	
5	<p>Export Formalities, Taxes & Duties: Any export approvals/Govt. clearances required, Taxes and duties as per laws of the exporting country shall be the responsibility of Vendor. Any Govt. formalities/Clearances required, Taxes and duties etc. payable as per Indian Laws shall be PURCHASERS responsibility.</p>	Yes / No / Explain	
6	<p>Delivery Terms (For Indigenous stores): Prices shall be quoted on F.O.R. destination basis i.e. SCL, S.A.S. Nagar, Mohali, Punjab exclusive of GST as may be applicable.</p>	Yes / No / Explain	

7	<p>Fir Imported Stores:</p> <p>Vendors who are offering the delivery term as High Sea Sales/DDP/FOR basis, please note that Purchaser is entitled to issue Customs duty exemption certificate (CDEC) to the contractor under customs notification no.51/96 dated 23.07.1996 and subsequent amendments to enable the contractor to avail off the benefit of concessional rate of customs duty. Under this notification, basis Customs Duty shall be applicable @ 5.5% plus GST as applicable.</p> <p>In addition to the above CDEC, any documentary support requested by the contractor from the purchaser for customs clearance of goods against the above CDEC shall be provided by the purchaser.</p> <p>(Purchaser will provide Customs Duty Exemption Certificate in case of Import Orders/ imported supplies/ High Sea Sales).</p>	Yes / No / Explain	
8	<p>Goods and Service Tax (GST (for Indigenous Stores):</p> <p>GST shall be payable extra as applicable. Please mention percentage of applicable GST.</p>	Yes / No / Explain	

9	<p>Security Deposit (SD):</p> <p>On acceptance of the tender, the Vendor shall submit security deposit for three percent (3% percent) value of the Purchase Order (PO) or as applicable as per Govt. notification at the time of release of PO within 15 days from the date of PO towards successful execution of the PO. Security Deposit shall be submitted through Demand Draft / Bankers Cheque/ fixed deposit receipt or Bank Guarantee from any of the Scheduled Banks executed on non-judicial stamp paper of appropriate value, and shall be valid for a period of sixty (60) days beyond the date for completion of the Purchase Order.</p> <p>(This will be returned by SCL immediately on execution of the PO satisfactorily as per order terms. If not, the amount will be forfeited). Note: In case, Security Deposit is submitted in the form of Bank Guarantee (BG) and Issuing Bank utilizes SFMS (Structured Financial Messaging Solution) Gateway for issuing the BG in favour of SCL and mention IFSC code of SCL banker i.e. State Bank of India, SBIN00061229, genuineness of the BG will be verified by SCL banker by checking into SFMS gateway.</p> <p>In case, Security Deposit is submitted in the form of Bank Guarantee (BG) and Issuing Bank not utilizes SFMS (Structured Financial Messaging Solution) Gateway for issuing the BG, Vendor to ensure that Banker gives Bank Guarantee (BG) confirmation over email from their Domain immediately after issuance of the same at the following email Ids followed by hard copy: hariprasad@scl.gov.in CC: abudhwar@scl.gov.in ashishk@scl.gov.in swati@scl.gov.in</p> <p>In addition the banker may send a scanned copy of the BG as an attachment.</p>	Yes / No / Explain	
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10	<p>Terms of Payment in case of overseas supplier(s):</p> <p>90% of the PO value shall be paid through Sight Draft within 30 days of receipt of material at Purchaser site against presentation of shipping documents to SCL banker routed through contractor bank. The balance 10% amount shall be payable on successful installation, commissioning and acceptance of the equipment at Purchasers site against a Performance Bank Guarantee and same shall be paid through wire transfer.</p> <p>In the event of the contractor not being able to provide the Performance Bank Guarantee the payment of balance 10% amount shall be made after the expiry of the warranty period.</p>	Yes / No / Explain	
11	<p>Bank Charges:</p> <p>All bank charges outside India related to the payment shall be borne by the Contractor and all bank charges in India shall be borne by the purchaser.</p>	Yes / No / Explain	
12	<p>Terms of payment in case of indigenous supplier(S):</p> <p>90% of the PO value shall be paid within 30 days of the receipt of the materials at purchaser site and the balance 10% amount shall be payable on successful installation, commissioning and acceptance of the equipment at Purchasers site against a Performance Bank Guarantee.</p> <p>In the event of the contractor not being able to provide the Performance Bank Guarantee the payment of balance 10% amount shall be made after the expiry of the warranty period.</p>	Yes / No / Explain	
13	<p>Delivery Period:</p> <p>The vendor shall specify their best delivery period inclusive of all Govt. formalities of the exporting country.</p> <p>The vendor shall also provide breakup of the delivery period for</p> <p>(i)Supply (ii)Installation and commissioning from the date of receipt of intimation from SCL on readiness of site.</p>	Yes / No / Explain	

14	<p>Installation and Commissioning:</p> <p>Installation, commissioning, and demonstration of performance of the tendered stores as per Purchaser tendered specifications shall be carried out by the Contractor at Purchaser s site at S.A.S. Nagar, Punjab, India.</p> <p>The contractor shall provide in advance guidelines for preparation of installation site and list of items to be supplied by Purchaser during installation.</p> <p>On receipt of intimation from the Purchaser, the Contractor shall depute its engineer to the Purchaser site to carry out installation and commissioning and will demonstrate the functionality of the tendered equipment to Purchaser specifications as per mutually agreed acceptance procedure. The Contractor shall be responsible for any loss/damages sustained due to delay on the part of the Contactor to send its engineer for installation and commissioning.</p> <p>Failure to commission the tendered equipment successfully shall entitle Purchaser to full refund of the payment made and the interest thereon. Decision regarding successful installation and commissioning shall rest solely with the Purchase.</p>	Yes / No / Explain	
15	<p>Liquidated Damages (LD):</p> <p>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 of one-half of one percent (0.5 percent) of the Contract price for each calendar week of delay. The total liquidated damages shall not exceed ten percent (10 percent) of the Contract price.</p> <p>Delivery of stores means supply, installation, commissioning & acceptance as applicable.</p>	Yes / No / Explain	

16	<p>Extension of Time: If the completion of supply of stores is delayed due to reason of force majeure such as acts of god, acts of public enemy, acts of Government, fires, floods, epidemics, quarantine restriction, strikes, freight embargoes, etc., 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.</p>	Yes / No / Explain	
17	<p>Despatch of stores after expiry of delivery period:</p> <p>i. After expiry of the delivery period, the vendor should not despatch the stores till such time an extension in delivery period is granted by the Purchaser, and Purchaser reserves the right to cancel the Purchase Order/Contract when the ordered stores items are not received before expiry of the original delivery period or the extended delivery period.</p> <p>ii. In case the stores are despatched by the vendor before obtaining an extension of the delivery period from the Purchaser, he would be doing so at his risk and no claim for payment shall lie against the Purchaser either in respect of the cost of the stores despatched or any other related expenses which the vendor may have incurred.</p> <p>iii. In case the stores are required by the Purchaser even though they are delivered after the delivery period, the delivery date may be extended and the stores taken delivery off, subject to the right to claim damages for delay in supply.</p> <p>iv. The payment shall be made to the vendor after getting necessary amendment as per clause (iii) above.</p>	Yes / No / Explain	

18	<p>Warranty: The Contractor shall provide for the tendered equipment comprehensive warranty for parts as well as labour for a period of 24 months from the date of successful installation, commissioning, testing and acceptance of the equipment at Purchaser site at no extra charges against any manufacturing defect/faulty workmanship. In case any defect/faulty workmanship arises during warranty period, the Contractor should replace/rectify the same at its own cost at site/works.</p> <p>All expenses on the visit(s) of the contractor engineer such as To and Fro travel costs, local transportation, boarding and lodging etc. during warranty shall be borne by the contractor.</p>	Yes / No / Explain	
19	<p>Uptime: Contractor shall guarantee an Uptime of .95% during the warranty period on the basis of 24 hours working, 7 days a week.</p> <p>In the event of Contractor failure to maintain the above uptime, the warranty period shall be extended by the period in excess of the allowable downtime.</p>	Yes / No / Explain	

20	<p>Warranty Replacements: If in the opinion of the purchaser it becomes necessary to replace or repair defective equipment during the warranty period, such replacement or repair 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 period of 26 months from the date of acceptance thereof.</p> <p>All replacement parts during the warranty period shall be supplied by the Contractor, free-of-cost on DDP (Delivery Duty Paid) basis with freight and insurance upto Purchaser site at S.A.S. Nagar, Punjab and customs duty applicable in India to the Contractor account including compliance with the customs procedure in India as applicable from time to time.</p> <p>The indigenous replacement parts, if any, shall be supplied by the Contractor free of cost on F.O.R. Purchaser site at SAS Nagar, Punjab basis.</p> <p>All defective parts including the imported parts shall be returned by Purchaser to the Contractor, if requested, on Freight to pay basis after receipt of replacement parts.</p>	Yes / No / Explain	
21	<p>Replacement: If the stores or any portion thereof is damaged or lost during 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. In case the purchaser agrees, the price towards 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.</p>	Yes / No / Explain	

22	<p>Performance Bank Guarantee (PBG): The Contractor shall furnish a Bank Guarantee (as per format given by purchaser) from any nationalized/scheduled bank for an amount equivalent to 3% of the value of the Purchase Order (PO) or as applicable as per Govt. notification at the time of Purchase Order and shall be valid for a period of 60 days beyond the expiry date of warranty period. On the performance and completion of the Contract in all respects, the Bank Guarantee will be returned to the Contractor without any interest.</p>	Yes / No / Explain	
23	<p>. POST WARRANTY SERVICE/SUPPORT: The Vendor shall provide spare and maintenance support for minimum 05 years after expiry of warranty period.</p> <p>Vendor to quote separately for post warranty labour only AMC charges per year for a period of 05 years.</p> <p>The quote for post warranty AMC shall be uploaded as a separate pdf file under tab supporting documents from vendor (Commercial).</p> <p>(This would be for reference only and same shall not be considered during commercial evaluation of the tendered item.)</p>	Yes / No / Explain	
24	<p>Validity: The offer should be valid for a minimum period of 120 from the date of opening of Tehno-Commercial bid and 90 days after opening of Price Bid.</p>	Yes / No / Explain	
25	<p>Mode of Despatch:</p> <p>In case of foreign orders, Stores should be dispatched through SCLs designated Freight Forwarder nominated by the purchaser whose contact details shall be indicated in the purchase order.</p> <p>In case of indigenous orders: Vendor responsibility.</p>	Yes / No / Explain	

26	<p>Insurance of Stores: Insurance wherever necessary, will be arranged by the Purchaser. The necessity or otherwise of insurance will be as indicated in the Purchase Order/Contract.</p> <p>In case of indigenous order, insurance shall be the responsibility of the vendor.</p>	Yes / No / Explain	
27	<p>Packing & Forwarding: The Contractor shall pack and crate all stores for air/sea/road 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 damage and deterioration in transit by road, rail, air or sea. The Contractors shall be responsible for all damages due to improper packing.</p>	Yes / No / Explain	
28	<p>New Machine Certificate: The vendor shall submit a certificate alongwith the equipment as well as with the documents for claiming payment indicating the date of manufacture and certifying that the equipment supplied is brand new equipment and not used/refurbished/ re manufactured/reconditioned equipment.</p>	Yes / No / Explain	
29	<p>Rejection: In the event that any of the stores supplied by the Contractor is found defective in material or workmanship or otherwise not in conformity with the requirements of the Contract specifications, 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.</p>	Yes / No / Explain	

30	<p>Arbitration: 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 the Parties by mutual consent in accordance with the rules and procedures of Arbitration and Conciliation Act 1996 as amended from time to time. The arbitration shall be conducted in New Delhi in the Arbitration and Conciliation Centre, New Delhi (Domestic and International) as per its rules and regulations. The expenses for the Arbitration shall be shared equally or as may be determined by the Arbitrator. The considered and written decision of the Arbitrator shall be final and binding between the Parties. The applicable language for Arbitration shall be English only.</p> <p>Work under the Contract shall be continued by the CONTRACTOR 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 DEPARTMENT 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.</p>	Yes / No / Explain	
31	<p>Applicable Law: The Contract shall be interpreted, construed and governed by the laws of India.</p>	Yes / No / Explain	
32	<p>Indicate the Name and address of the vendor for placing purchase order along with their e-mail ID, contact person name and designation , Telephone no. and fax no.</p>	Yes / No / Explain	

33	<p>a. Name and address of Indian agent, if any.</p> <p>b. Percentage of Indian agent Remuneration/Service Charge, if any: Indian agent remuneration/service charge shall be payable by the Purchaser directly to the Indian agent in Indian Rupees based on T.T buying rate of exchange prevailing on the date of placement of purchase order within 30 days of acceptance of material at purchaser site.</p>	Yes / No / Explain	
34	<p>Technical Documentation: The vendor shall provide one set of User and programming manual as specified in the technical specifications.</p> <p>All documentation shall be in English language only.</p>	Yes / No / Explain	
35	<p>Whether the Vendor / Supplier is from any country sharing land boundary with India or whether the vendor / supplier is representing any principal vendor /principal supplier sharing land boundary with India. If the vendor / supplier is from any country which shares land border with India or if the vendor /supplier is and Indian Agent representing principal vendor/principal supplier of a country which shares land border with India they need to submit a photo copy documentary proof of Registration with Registration Committee constituted by Department of promotion of Internal Industry and Trade DPIIT Offers received from vendors who fall in this category but does not submit copy of documentary proof of registration shall be rejected.</p>	Yes / No / Explain	
36	<p>The participating Indian Vendors/Suppliers/Service Providers shall indicate specifically whether they fall in the category of Class I local supplier or Class II local supplier or Nonlocal supplier for evaluation as per Ministry of Commerce & Industry office order no. P45021/2/2017PP(BEII) dt. 16th September, 2020. The vendor/supplier/Service Provider shall submit declaration as documentary proof in this regard.</p> <p>The provision of above referred OM shall apply for this procurement.</p>	Yes / No / Explain	

37	Any Other Term:	Yes / No / Explain	
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C.3 Price Bid

Sl. No.	Item	Quantity	Unit Price	Currency	Total Price	Remark
1	LED Light Source for Image Sensor Characterization	1.00 Nos.		-		
1.1	LED Light Source for Image Sensor Characterization - Annual Maintenance Contract	1.00 Ampoules		-		
1.2	LED Light Source for Image Sensor Characterization - Parts Replacement Cost	1.00 Ampoules		-		