

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

Tender for Supply, Installation, Testing, Commissioning and Integration of RA make 1756 series Redundancy modules, Network modules, Chassis, Power supply, etc. with an existing FCMS system for MOCVD and Non-fab drives standalone operation

Bids to be submitted online

Tender No.: SCL/PurUnit-4/SC202200021301 dated 11-11-2022

A. Tender Details

Tender No : **SCL/PurUnit-4/SC202200021301**

Tender Date : **11-11-2022**

Tender Classification: **GOODS**

Purchase Entity : **PurUnit-4**

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

Supply, Installation,Testing,Commissioning and Integration of RA make 1756 series Redundancy modules, Network modules, Chassis, Power supply,etc. with an existing FCMS system for MOCVD and Non-fab drives standalone operation

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A.1 Tender Schedule

Bid Submission Start Date : **11-11-2022 17:00**

Bid Clarification Due Date : **21-11-2022 11:30**

Bid Submission Due Date : **02-12-2022 15:00**

Bid Opening Date : **02-12-2022 15:30**

B. Tender Attachments

Technical Write-up/Drawings

Document : Annexure-3 Proposed Architecture

Instructions To Vendors

2. INSTRUCTIONS TO TENDERERS AND TERMS CONDITIONS OF TENDER

1. 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 tenderer 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 available. If dimensional details are available the same should also be indicated in your offer.
- (d) Specifications: Stores offered should strictly confirm to our specifications. Deviations, if any, should be clearly indicated by the tenderer in his 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. 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.

2. 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, expense 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 do not meet the performance or quality requirements specified in the Purchase Order, they shall be rejected 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. 6 (c) 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 purchase, or the agreement to purchase, from another supplier is made within six months from the date of rejection of the stores as aforesaid.

3. Bid shall be submitted on-line only complying specified schedule.

4. COUNTER TERMS AND CONDITION 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.

5. DEFINITIONS:

- a. The term PURCHASER shall mean Semi-Conductor Laboratory, Sector-72, Mohali, Punjab-160071, under the administrative control of DOS, Government of India.
- 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, representative, heirs, executors and administrators unless excluded by the Contract.
- c. The term STORES shall mean what the Contractor agrees to supply under the Contract as specified in the Purchase Order including erection of plants machinery and subsequent testing, should such a condition is included in the Purchase Order. 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 or plant, machinery or equipment or part thereof.

6. 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% per week of the price of any stores which the Contractor has failed to deliver as aforesaid or during which the delivery of such store may be in arrears subject to a minimum of 10%, or

(ii) to purchase from 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 authorise the purchase of stores not so delivered or others of a similar description (where others exactly if 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 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 re-purchase made against default. The manner and method of such re purchase 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 re purchase 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.

7. DESPATCH:

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 shall be 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.

8. ERECTION OF PLANT MACHINERY:

Wherever erection of a 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.

9.

EXTENSION OF TIME:

As soon as it is apparent that the 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 purchaser's right to recover liquidated damages under clause 8 thereof.

10. GST and/or other duties/levies legally leviable and intended to be claimed should be distinctly shown separately in the tender.

11. In case of any difference between General Terms & Conditions enclosed and Terms & Conditions specific to this tender i.e. technical specifications & Vendor Specified Terms, Terms and Conditions specific to this tender will prevail.

12. 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 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 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 sufficiency of all means used by him for the fulfillment of the contract.

13. Late tenders and delayed tenders will not be considered.

14. MODE OF PAYMENT:

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

15. 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.

16. PAYMENT:

Contractor's bill will be passed for payment only after the stores have been received, inspected and accepted by the Purchaser.

17. PRICES:

Tender offering firm prices will be preferred. Where a price variation clause is insisted upon by a tenderer, quotation 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 variation/s.

18. RECOVERY OF SUM DUE:

Whenever any claim for the payment of, whether liquidated or not, money arising 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 withheld till such claims of the purchaser are finally adjudicated upon and paid by the Contractor.

19. 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.

20. SECURITY FOR PURCHASE OF MATERIALS:

Successful tenderer will have to furnish in the form of a bank guarantee or any other form as called for by the purchaser towards adequate security for the materials and properties provided by the Purchaser for the due execution of the Contract.

21. TERMS CONDITIONS OF TENDER

22. TEST CERTIFICATE:

Wherever required, test certificates should be sent along with the dispatch documents.

23. The authority of the person signing the tender, if called for, should be produced.

24. 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 tenderers shall supply the same at the rates quoted.

25. 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, Installation, Testing, Commissioning and Integration of RA make 1756 series Redundancy modules, Network modules, Chassis, Power supply, etc. with an existing FCMS system for MOCVD and Non-fab drives standalone operation

1. Supply of Control logix 1756 two port High capacity Ethernet/IP module.

Item specifications for Supply of Control logix 1756 two port High capacity Ethernet/IP module

SI No	Specification	Value	Compliance	Offered Specification	Remark
1	Model no:1756-EN2TR		-		
2	Make:Allen Bradley		-		

2. Supply of ControlLogix, 1756 redundant ControlNet interface module along with associated T-taps and BNC connector, suitable for integration of 100 Nodes.

Item specifications for Supply of ControlLogix, 1756 redundant ControlNet interface module

SI No	Specification	Value	Compliance	Offered Specification	Remark
1	Model:1756-CN2R		-		
2	Make: Allen Bradley		-		

3. Supply of Control logix 1756 Redundancy module for L7X series PLC.

Item specifications for Supply of Control logix 1756 Redundancy module for L7X series PLC

SI No	Specification	Value	Compliance	Offered Specification	Remark
1	Model :1756-RM2		-		
2	Make:Allen Bradley		-		

4. Supply of 85V-265V AC Power Supply module with DC output 5V, 13A for

1756 ten (10) slot chassis module for housing ControlLogix controllers, redundant module and networking modules.

Item specifications for Supply of 85V-265V AC Power Supply module with DC output 5V, 13A

SI No	Specification	Value	Compliance	Offered Specification	Remark
1	Model no: 1756-PA75		-		
2	Make: Allen Bradley		-		

5. Supply of 1756 control logix Ten (10) slot chassis module for housing ControlLogix controllers, redundant module and networking modules along with supply of ten (10) number of empty slot fillers (1756-N2) for chassis.

Item specifications for Supply of 1756 control logix Ten (10) slot chassis module

SI No	Specification	Value	Compliance	Offered Specification	Remark
1	Model no: 1756-A10		-		
2	Make:	Allen Bradley	Yes / No / Explain		

6. Supply of wall mounted Processor Panel (1200X800X400) for housing Rockwell automation process automation system.

Item specifications for Supply of wall mounted Processor Panel (1200X800X400)

SI No	Specification	Value	Compliance	Offered Specification	Remark
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1	Supply of wall mounted Processor Panel (1200X800X400), powder painted for Housing Redundant L7X A10 Chassis Process Automation system including all accessories like terminal blocks, DIN rail, stratix 8-port ethernet switch, glandplate, , etc. for cable/conduit termination as required,detailed as per specifications.		-		
2	Make: Rittal		-		

7. Laying of FR PVC conduit and drawing of two runs controlnet RG6 cable on existing cable tray

Item specifications for Laying of FR PVC conduit and drawing of two runs controlnet RG6 cable

SI No	Specification	Value	Compliance	Offered Specification	Remark
1	Laying of FR PVC conduit and drawing of two runs controlnet RG6 cable on existing cable tray along with supporting accessories like conduit bends, JB's,etc. at a height of approx. 4 mtrs from MT chiller plant to MOCVD RIO Panel for integration of MOCVD RIO panels and drives with Processor panel at chiller plant.		-		
2	Note: Linear length FR PVC conduit and controlnet RG6 cable shall be provided by SCL at free of cost.		-		

8. Installation, Testing, Commissioning and software upgradation of Rockwell Automation make Network modules with L7X Programmable logic controller (PLC)

Item specifications for Installation, Testing, Commissioning and software upgradation of Rockwell Automation make Network modules

SI No	Specification	Value	Compliance	Offered Specification	Remark
1	detailed as per attached tender specifications as per requirement of SCL		-		

Common Specifications (Applicable for all items)

SI No	Specification	Value	Compliance	Offered Specification	Remark
1	Intent of Specification:	The scope includes supply, installation, testing, commissioning and up-gradation of Process Automation Controller system comprising 10 slot chassis, Ethernet and controlnet communication cards, Redundancy module, ControlLogix Controllers and power supply to provide exclusive operation of remote IO panels and drives of MOCVD utilities, EFTG areas and Non-fab locations in SCL, at S.A.S Nagar, Mohali.	Yes / No / Explain		
2	General Information:	The vendor may visit SCL during working days from Monday to Friday (between 10:00Hrs to 16:00 Hrs) up-to 5 days prior to bid submission, i.e., the last date to familiarize with the actual site conditions.	Yes / No / Explain		

3	Supply Scope of the Work:	<p>Scope of the work shall include the following:</p> <p>I. Supply Part:</p> <p>1. Supply of two no. of ControlLogix 1756-RM redundancy module to maintain hot standby redundancy of 1756-L7X series PLC for housing in slot based chassis of processor panel.</p> <p>2. Supply of one no. of ControlLogix 1756-EN2TR High capacity Ethernet/IP module for housing in slot based chassis of processor panel.</p> <p>3. Supply of two no. of ControlLogix 1756-CN2R redundant controlnet module for housing in slot based chassis of processor panel.</p> <p>4. Supply of two no. of ControlLogix 1756 series power supply modules for powering chassis of processor panel and network interface cards.</p> <p>5. Supply of two no. of ControlLogix A10 Chassis and power supply used for housing the new L74 controllers, existing redundancy module and networking modules.</p> <p>6. Supply of wall mounted Processor Panel (1200X800X400), powder painted for Housing Redundant L7X A10 Chassis Process Automation system along with terminal blocks, DIN rail and 3mm gland plate for power and control cable termination.</p>	Yes / No / Explain		
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4	Installation Scope of the Work:	<p>Scope of the work shall include the following: II. Installation, Testing and Commissioning Part: 1. Installation of supplied power supply, chassis, Ethernet and controlnet cards, redundancy modules in processing panel along with inter connection of processor power supplies with main power cable, fixing of wall mounted processor panel, termination of power cables and network conduits as per requirement of SCL. 2. Laying of FR PVC conduit and drawing of controlnet RG6 cable on existing cable tray from MT chiller plant to MOCVD RIO Panels. 3. Termination of controlnet cable using BNC connector, controlnet straight T-Tap at both processor and remote IO panel side for both controlnet cards as per requirement of site. 4. Downloading and firmware flashing of chassis hardware and redundancy bundle software for all modules if required to be in line with existing system at FCMS for logix and SCADA development. 5. Suitably updating the program logic by mapping all connected remote IO panels and VFDs to new redundant PAC system using existing engineering PC installed at FCMS as required by SCL. 6. Updating of existing SCADA screens of MOCVD, EFTG and non-fab drivers IOs</p>	Yes / No / Explain		
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with new redundant PAC systems and developing new system configuration using existing redundant SCADA server and client PCs as per the requirement of SCL.

7.Re-configuration of Controlnet network corresponding to new PAC system redundancy bundle software and updating the same in Controlnet keeper configuration.

8.Synchronization of redundant controller and switchover testing with upgraded hardware and software.

9.Verification of communication and data synchronization for all IO panels and variable frequency drives with the newly upgraded controllers/software.

10.The envisaged network architecture after addition of new PAC system is as per Annexure III. In addition, the existing FCMS system configuration shall be modified as actual after the successful completion of integration works.

11. Submission of documents mentioning all details related to the updated software, user manuals of all products, As-built logic and system configuration of PAC system along with OEM system integrator certificate for the project.

Note:-

1.All the work shall be executed without any shutdown of existing the FCMS.

2.The work has to be carried out in close

		<p>coordination with engineer-in-charge from SCL.</p> <p>3.Any failure of existing components during execution of the project shall be the onus of vendor and the same is to be replaced at free of cost.</p> <p>4.Any extra item required for the satisfactory completion of the work shall be in the scope of the vendor at no extra cost to achieve intent of specification as per requirement of SCL.</p>			
5	Period of Completion - Supply work:	<p>Supply: The time for supply of controllers and associated accessories shall be 08 (eight) weeks from the date of issue of purchase order by SCL.</p>	Yes / No / Explain		
6	Period of Completion - Installation, Testing and Commissioning work:	<p>Installation, testing and commissioning: The time for installation, testing and commissioning of the entire project shall be 02 (two) weeks from the date of intimation by SCL. The testing and commissioning of the installation shall commence upon SCL's instructions to take up the same. The prices shall remain firm for the entire completion period including extended period, if any. No escalation shall be applicable for the work.</p>	Yes / No / Explain		
7	Acceptance:	<p>SCL will take over the acceptance of the project upon satisfactory running of the FCMS for a continuous period of four (04) weeks.</p>	Yes / No / Explain		

8	Warranty:	The entire system comprising of supplied components and installation works shall be under the warranty for a period of twelve (12) months from the date of acceptance by SCL.	Yes / No / Explain		
9	Safety:	In the course of the work, personnel working in the system at site should take utmost care for their safety and work purely at vendor's risk. SCL will not be responsible for any untoward accidents for the vendor's working personnel. The vendor shall clear all waste material and left out material from the site after completion of work at his cost. The vendor shall treat all materials obtained during the work at site as SCL property and such materials shall be handed over to SCL. Vendor shall execute the work as per applicable safety standards and codes.	Yes / No / Explain		
10	Deviation:	No deviation from the mentioned specifications is acceptable. In case of any deviation from required specifications, the bid may be cancelled by SCL.	Yes / No / Explain		

Supporting Documents required from Vendor

1. Technical Leaflets and datasheets of all materials

5 additional documents can be uploaded by the vendor

C.2 Commercial Terms / Bid

Sl. No.	Description	Compliance	Vendor Terms
1	DELIVERY TERMS : For supply Store/s: Stores shall be dispatched on F.O.R destination basis i.e. SCL, S.A.S. Nagar, Mohali, Punjab exclusive of GST as may be applicable	Yes / No / Explain	
2	GST : Please mention percentage of applicable GST.	Yes / No / Explain	
3	SECURITY DEPOSIT: On acceptance of the purchase order, the Contractor shall submit security deposit for three percent (03 percent) value of the Purchase Order (PO) within 15 days from the date of receipt of PO towards successful execution of the PO. Security Deposit shall be submitted through Demand Draft / Bankers Cheque/ Fixed Deposit Receipt or Bank Guarantee(BG) 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. 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 of BG, Vendor to ensure that their Banker gives Bank Guarantee(BG) confirmation over email from Bank Domain immediately after issuance of the same at the following email Ids: hariprasad@scl.gov.in CC: sunilchauhan@scl.gov.in jarnail@scl.gov.in In addition the banker may send a scanned copy of the BG as an attachment.	Yes / No / Explain	

4	<p>Period of Completion: Supply: The time for supply of controllers and associated accessories shall be 08 (eight) weeks from the date of issue of purchase order by SCL.</p> <p>Any extra item required for the satisfactory completion of the work shall be in the scope of the vendor at no extra cost to achieve intent to specification as per requirement.</p> <p>Installation, testing and commissioning: The time for installation, testing and commissioning of the entire project shall be 02 (two) weeks from the date of intimation by SCL. The testing and commissioning of the installation shall commence upon SCLs instructions to take up the same. The prices shall remain firm for the entire completion period including extended period, if any. No escalation shall be applicable for the work.</p>	Yes / No / Explain	
5	<p>Validity of Offer: The offer shall be valid for 90 days from the date of opening.</p>	Yes / No / Explain	
6	<p>Warranty: The entire system for supplied components and installation works shall be covered a warranty of one years (12 months) after acceptance of stores if any defects found to have developed under proper use arises from faulty stores design or workmanship , contractor shall remedy such defects at his own cost provided he is called upon do so within a period of 14 months from the date of successful installation.</p>	Yes / No / Explain	
7	<p>TERMS OF PAYMENT: 90% value of the supply parts shall be paid within 30 days of receipt of material at Purchaser site and the balance 10% amount and 100% of installation charges shall be payable on acceptance of the entire project against a Performance Bank Guarantee. Payment towards services (installations etc.) shall be released after deduction of TDS, if any</p>	Yes / No / Explain	

8	<p>Liquidated Damages (LD): If the Vendor fails to deliver the stores within the time specified in the contract or any extension thereof, the purchaser shall recover from the Vendor 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. Delivery of stores means supply, Installation, commissioning and acceptance as applicable.</p>	Yes / No / Explain	
9	<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 Contract 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. Note: Vendor to ensure that their Banker gives Bank Guarantee(BG) confirmation over email from Bank Domain immediately after issuance of the same at the following email Ids: hariprasad@scl.gov.in CC:sunilchauhan@scl.gov.in jarnail@scl.gov.in In addition the banker may send a scanned copy of the BG as an attachment.</p>	Yes / No / Explain	
10	<p>WARRANTY REPLACEMENTS: The replacement parts during warranty period, if any, shall be supplied by the Contractor, free of cost on F.O.R. Purchaser site at SAS Nagar, Punjab basis. Rejected items if required back by vendor, shall be collected by vendor from SCL premises.</p>	Yes / No / Explain	

11	<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	
12	<p>Labour Law: Contractor shall abide by all labour laws, rules and regulations in India, which are prevailing, and as enforced from time to time and SCL shall not be responsible for any accident or mishap during the course of the contract to any of engineer/ labour employee by the Contractor. The contractor shall also ensure that the statutory obligations with regards to the employment of labour under law are complied properly and timely.</p>	Yes / No / Explain	

13	<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. 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	
14	<p>APPLICABLE LAWS: The contract shall be interpreted, construed and governed by laws of India. The contract shall be subject to exclusive Jurisdiction of the Court of SAS Nagar (Mohali), Punjab, India irrespective of anything mentioned in any correspondences or otherwise.</p>	Yes / No / Explain	

15	<p>The Participating Vendor / Suppliers /Service Provider shall indicate specifically whether they fall in the category of Class-I local Supplier or Class-II Local Supplier or Non - Local Supplier for evaluation as per Ministry of Commerce and Industry Office Order No. P-45021/2/2017-PP (B-II dt. 16th September 2020. The Provisions of the office order shall apply for this tender. The Vendor/Supplier/Service provider shall submit documentary proof in this regard along with their quotation.</p> <p>Definitions: A supplier or service provider, whose goods, services or works offered for procurement, has local content:</p> <p>a)Equal to or more than 50% : Class-I local supplier. b) More than 20% but less than 50%: Class-II local supplier. c)Less than or equal to 20% : Non local supplier. Mention your category.</p>	Yes / No / Explain	
16	<p>REJECTION: In the event that any of the stores supplied by the Vendor 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. If the Vendor fails to do so, the purchaser may at his option either:</p> <p>a)replace or rectify such defective stores and recover the extra cost so involved from the Contractor, or b)terminate the Contract for default or 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 LD clause.</p>	Yes / No / Explain	
17	<p>Vendors are requested to mention the address of vendor for placement of PO and also provide e-mail ID, Phone no. of the focal point for seeking clarification in case of need.</p>	Yes / No / Explain	

18	Vendors are requested to mention the address of vendor for placement of PO and also provide e-mail ID, Phone no. of the focal point for seeking clarification in case of need.	Yes / No / Explain	
19	Cancellation of Contract: In the event of the vendors failure to execute the contract as per terms and conditions mentioned therein, Purchaser reserves the rights to cancel the contract without any obligations.	Yes / No / Explain	
20	Any other terms	Yes / No / Explain	

C.3 Price Bid

Sl. No.	Item	Quantity	Unit Price	Currency	Total Price	Remark
1	Supply of Control logix 1756 two port High capacity Ethernet/IP module.	2.00 Nos.		-		
2	Supply of ControlLogix, 1756 redundant ControlNet interface module along with associated T-taps and BNC connector, suitable for integration of 100 Nodes.	1.00 Nos.		-		
3	Supply of Control logix 1756 Redundancy module for L7X series PLC.	2.00 Nos.		-		

4	Supply of 85V-265V AC Power Supply module with DC output 5V, 13A for 1756 ten (10) slot chassis module for housing ControlLogix controllers, redundant module and networking modules.	2.00 Nos.				
5	Supply of 1756 control logix Ten (10) slot chassis module for housing ControlLogix controllers, redundant module and networking modules along with supply of ten (10) number of empty slot fillers (1756-N2) for chassis.	2.00 Nos.				
6	Supply of wall mounted Processor Panel (1200X800X400) for housing Rockwell automation process automation system.	1.00 Nos.				
7	Laying of FR PVC conduit and drawing of two runs controlnet RG6 cable on existing cable tray	680.00 m				

8	Installation, Testing, Commissioning and software upgradation of Rockwell Automation make Network modules with L7X Programmable logic controller (PLC)	1.00 Job		-		
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