

**PROCUREMENT OF GOODS  
UNDER  
SHOPPING PROCEDURES**

*(For Contracts valued less than US \$ 30,000 each)*

**INVITATION FOR QUOTATIONS FOR SUPPLY OF  
GOODS UNDER SHOPPING PROCEDURES**

To

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SUB: **INVITATION FOR QUOTATIONS FOR SUPPLY, INSTALLATION, TESTING AND COMMISSIONING OF SANSWITCH**

Dear Sir,

1. You are invited to submit your most competitive quotation for the supply of following goods:

Sl.No.	Brief Description of the Goods	Specifications	Quantity	Delivery Period	Place of Delivery	Installation Requirement if any
1.	<b>SUPPLY, INSTALLATION, TESTING AND COMMISSIONING OF SANSWITCH</b>	Details in Annexure - I	2 Nos	15 Days from the Date of Purchase Order	NCSCM, Chennai	YES

2. Government of India has received a credit from the International Development Association (IDA) towards the cost of the Project and intends to apply part of the proceeds of this credit to eligible payments under the contract for which this invitation for quotations is issued.

**3. Documents Establishing Bidder's Eligibility and Qualifications:**

- 3.1 The Bidder shall furnish, as part of its quotation, following documents to establish the Bidder's eligibility to quote and its qualifications to perform the Contract if its quotation is accepted -

- (a) The legal status, place of registration, place of business of the company, or firm or partnership;
- (b) Copy of GST Registration Certificate and TAN;
- (c) PAN with self-attested copy of PAN Card;
- (d) Must have supplied & installed satisfactorily at least 100% of the quantity similar to the type specified in the "Schedule of Requirements" in any one or all last three financial years i.e. 2016-17 to 2018-19.
- (e) Must have a minimum average annual turnover of Rs.5 lakh during the last three financial years i.e., 2016-17 to 2018-19.

**The bidders should furnish the above information along with prescribed format attached. (Attachment 1)**

**4. Bid Price**

- a) The contract shall be for the full quantity as described above. Corrections, if any, shall be made by crossing out, initialing, dating and re-writing.
- b) All duties, taxes and other levies payable on the raw materials and components shall be included in the total price.
- c) GST shall be shown separately.
- d) The rates quoted by the bidder shall be fixed for the duration of the contract and shall not be subject to adjustment on any account.
- e) The Prices shall be quoted in Indian Rupees only.

5. Each bidder shall submit only one quotation. Bidder shall not contact other Bidders in matters relating to this Quotation.

**6. Validity of Quotation**

Quotation shall remain valid for a period not less than 90 days after the deadline date specified for submission.

**7. Evaluation of Quotations**

The Purchaser will evaluate and compare the quotations determined to be substantially responsive i.e. which

- (a) Are properly signed;
- (b) Conform to the terms and conditions, and specifications and
- (c) Has submitted all the documents asked for in 3 above

The Quotations would be evaluated for all the items together as a package.

**GST shall not be taken into account in evaluation.**

**8. Documents Establishing Goods' Conformity to Bidding Documents**

The documentary evidence of conformity of the goods and services to the bidding documents may be in the form of literature or drawings or any other documentary proof.

**9. Award of contract**

The Purchaser will award the contract to the bidder whose quotation has been determined to be substantially responsive and who has offered the lowest evaluated quotation price.

9.1 Notwithstanding the above, the Purchaser reserves the right to accept or reject any quotations and to cancel the bidding process and reject all quotations at any time prior to the award of contract.

9.2 The bidder whose bid is accepted will be notified of the award of contract by the Purchaser prior to expiration of the quotation validity period. The terms of the accepted offer shall be incorporated in the supply order.

10. Payment shall be made immediately after delivery of the goods.
11. Normal commercial warranty/ guarantee shall be applicable to the supplied goods.
12. You are requested to provide your offer latest by **28-02-2020** hours on **11.00 AM**.
13. We look forward to receiving your quotations and thank you for your interest in this project.

Sd/-  
Director  
National Centre for Sustainable Coastal Management  
Anna University Campus  
Chennai – 600 025

**FORMAT OF QUOTATION \***

Item No.	Description of the goods	Quantity	Unit	Quoted unit price for delivery up to destination	Unit Cost of Incidental Services (Rs)	Total Unit cost (Rs.) [Col(5+6)]		Amount (Rs.) [Col(3x7)]	GST (%)
						In Figures	In words		
1	2	3	4	5	6	7	8	9	10

**Gross Total Cost: Rs. ....**

We agree to supply the above goods in accordance with the technical specifications for a total contract price of Rs. ....(amount in figures ) (Rs. .... amount in words) within the period specified in the Invitation for Quotations.

We also confirm that the normal commercial warranty/guarantee of ..... months shall apply to the offered goods.

We hereby certify that we have taken steps to ensure that no person acting for us or on our behalf will engage in bribery or collusive agreements with competitors.

**Signature of Supplier**

**Attachment 1**

**Format of Performance Statement for the last three years to be submitted by the Bidder**

IFQ No.....

Name of Bidder.....

Order placed by (Full address of Purchaser)	Order No. and date	Description and quantity of equipment ordered	Value of order (Rs.)	Date of completion of delivery As per contract/ Actual or revised	Quantity of supplies made as on date	Additional supplies to be made in the period of this contract	Remarks indicating reason for late delivery, if any	Has the equipment been satisfactorily functioning (Attach a certificate from the Purchaser)
1	2	3	4	5	6	7	8	9

## Annexure – I

**Supply, Installation, Testing and Commissioning for SAN Switch – 2 No's**

SI. No	Features	Specification	Please Mention (Yes / No) and Remarks
1	No. of Ports	Fully populated 24 port SAN switches with 16Gbps FC modules and capable of supporting 32Gbps if required in near future. Should have capability and to be configured with Zoning and ISL Licenses.	
2	Manageability	Switch should have in band & out of band manageability	
3	Form factor	1U Rack Mountable along with Rail Kit	
4	Cables	Necessary 10 Meter LC to LC Multimode cables for SAN connectivity to be supplied	
5	Interoperability and Compatibility	Proposed SAN Switches should work with proposed Servers and Storage.	
6	Maintenance & Management	Non-disruptive subsystem maintenance. The switch should support auto sensing 4, 8 and 16 Gbps capabilities. Should have redundant hot plug/hot swap fans and hot plug/hot swap power supplies switching and service modules Should have web based management software for administration and configuration or should support CLI. The switch shall provide a minimum Aggregate bandwidth of 384 Gbps: 24portsX16 Gbps (data rate) end to end. The Switch shall be able to support ISL trunk minimum up to 128 Gbps between a pair of switches for optimal bandwidth utilization and load balancing. The switch should support FC, FCR and FICON protocol. Non-disruptive microcode/firmware upgrades and hot code activation.	
7	Security	Should support hardware ACL based Port security, Port Zoning and LUN Zoning with LUN Masking. Should support Secure Shell (SSH) encryption to provide additional security for Telnet sessions to the switch. Should support multilevel security on console access prevent unauthorized users from altering the switch configuration. Automation for Policy based monitoring and alerting support is essential.	
8	Trouble-shooting	Should support Fiber Channel trace route and Fiber Channel ping for ease of troubleshooting and fault isolation. Switch should support POST and online/offline diagnostics, including RAS trace logging, environmental monitoring, non-disruptive daemon restart, Facing and Path in for( FC trace out), port mirroring (SPAN port)	
9	Role & Access	The switch shall support role-based administration by allowing different administrators different access right to switch.	

10	Interface with HBA cards	The SAN switch should have capability to interface with HBA cards of different makes and models from multiple OEM, supporting multiple operating systems, but not limited to HP-UX, IBM AIX, Linux, MS-Windows etc. The SAN switch should support existing and leading Unified Storage System and Tape Libraries including but not limited to EMC, Hitachi, HP. IBM, Sun etc.	
11	Diagnostics	Switch shall support in built diagnostics, power on self-test, command level diagnostics, online and offline diagnostics. Should support the following diagnostics: <ul style="list-style-type: none"> <li>• Online Diagnostics</li> <li>• Internal Loop backs</li> <li>• FC Debug</li> <li>• Sys.log</li> <li>• Online System health</li> <li>• Power on self-test (POST) diagnostics.</li> </ul>	
12	Management	Should support Applications for device management and full fabric management. The management software shall be able to perform following: <ul style="list-style-type: none"> <li>• Fabric View</li> <li>• Summary View</li> <li>• Physical View</li> <li>• Discovery and Topology View</li> <li>• SAN Diagnostics</li> <li>• Monitoring Alerts</li> </ul>	
13	Warranty	1. 5 Years Warranty Support for hardware and software 2. Bidder must back-align support with respective OEM mandatorily during warranty period and during AMC period. Bidder must provide documentary proof along with MAF.	
14	End of Life	All the products quoted should be of the latest generation and End of Life product (Please Mention).	