

Call for Tender

Singapore Internet Exchange (SGIX)

Inter-Node Connectivity

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Definitions and Interpretation

- 1 In the Contract (as defined below), the following words and expressions shall have the following meanings hereby assigned to them except where the context otherwise requires:
 - a. “Connectivity” means the local leased circuit solution between SGIX nodes in the stipulated locations, including but not limited to wavelength services, dark fibers, and MetroEthernet services.
 - b. “Contract” means the contract between SGIX and the Contractor for the supply and delivery of the Goods and/or performance of the Services.
 - c. “Contractor” means successful vendor whose quotation for the Goods and/or Services is accepted by SGIX.
 - d. “Goods” means the goods, items and any other deliverables which the Contractor is required to supply and deliver under the Contract.
 - e. “Infrastructure” means the hardware and/or software deployed by SGIX or its appointed vendor to offer services to SGIX members.
 - f. “Member” means the Member of the SGIX who will also subscribes and utilizes any Services offered by SGIX.
 - g. “Services” means the works and services that the Contractor is required to perform under the Contract.
 - h. “SGIX” means the Singapore Internet Exchange Limited.

Introduction

1. Singapore Internet Exchange (SGIX) is not-for-profit and neutral Internet Exchange Point that provides a platform for Service and Content Providers to interconnect.
2. SGIX operates from the following two (2) locations:
 - i. Global Switch, 2 Tai Seng Avenue Singapore 534408 (Rack: MMR3, IE23/24)
 - ii. 1-Net Singapore, 750 Estuary Chai Chee Road #05-03, Technopark @ Chai Chee, Singapore 469005 (Rack: E6/A2)
3. As the contract for existing 2 x 1Gigabit (G) circuits are due for renewal, SGIX is inviting suitable service provider to provide the cost effective and scalable Connectivity between the nodes based on the above-stated locations.

Request for Proposal (RFP)

4. Prospective service providers are to demonstrate compliance with the requirement specifications and/or submit relevant information to illustrate their proposed solution, and their unique propositions that will be beneficial for SGIX. Please refer to **Annex A** for the requirement specifications, the expected scope of work and the expected service level.

5. Prospective service providers are required to recommend and provide the Connectivity for existing 2 x 1G, and to further propose solution for Connectivity to scale up to the projected 4G inter-node traffic.
6. Prospective service providers are expected to provide a design plan to illustrate the quantity and medium required to address the above-stated requirement. Additionally, a migration or transition plan for the scalability of the Connectivity would be expected.
7. It is intended for the SGIX to perform link aggregation (IEEE 802.3ad) for the purpose of traffic aggregation and redundancy for the Connectivity. Notwithstanding this, prospective service providers are to propose recommendation to ensure diverse end-to-end connectivity path for the Connectivity.
8. Prospective service providers are to submit the pricing schedule in an itemized format stipulated in **Annex B**.
9. In addition, prospective service providers will need to complete **Annex C** for the cover letter of proposal corporate details.

Terms and Conditions

10. All pricing shall be in **Singapore Dollars**.
11. Payment shall be made within thirty (30) days of delivery of the Goods or performance of the Services ordered under the Contract, and upon the receipt of the invoice presented by the Contractor on a monthly basis.
12. The contract term shall be one (1) year with the option to renew the Goods and/or Services for another one (1) year at the same or lower price. SGIX reserves the rights to not take up the optional one (1) additional year.
13. SGIX reserves the rights to award the Contract in parts, or not to award the Contract.
14. SGIX reserves the right to disclose the submitted proposals to IDA and its members. All information shall be kept confidential within such parties.

15. SGIX may terminate the Contract with 30 days' prior written notice to the Contractor if:-
- a) either Party suffers an Insolvency Event;
 - b) either Party ("Defaulting Party") breaches a material term of this Agreement and that breach is capable of remedy, and the Defaulting Party does not remedy the breach within 30 days after receiving notice from the other Party requiring it to do so.

Variation

16. SGIX reserves the right to update and/or modify the content contained within the **Annex A**. Such updates and modifications may be issued as Corrigendum and make available on our corporate website (www.sgix.sg). Prospective service providers are to check for such Corrigendum our corporate website.

Format of Submission

17. Proposal must be submitted in English and written in a clear and concise manner.
18. Interested parties are requested to submit in soft copy and in Microsoft Word or Excel format.
19. The submission should be typed single-spaced with Arial font size 12. Please leave space for margin of 2.5cm on the left and right, top and bottom.

Closing Date of Submission

20. The closing date of the submission is **27 May 2010, 12noon**.
21. Please send one (1) set of the hard copy submission, on or prior to the closing date to:-

Attention: Angeline Wong

Address: Singapore Internet Exchange Ltd
c/o Property Facility Services Pte Ltd
11. Toa Payoh Lor 3
Blk B, #01-18 Jackson Square
Singapore 319579

22. In addition, please send all soft copy submissions to chunsing.kerk@sgix.sg with subject header “ SGIX Tender: Inter-Node Connectivity” on or prior to the closing date.

Enquiries

23. All enquiries regarding this Call for Tender and clarifications should be sent to:

Contact:	Kerk Chun Sing
Email:	chunsing.kerk@sgix.sg
Telephone:	+65 9040 5061

Annex A Requirement Specifications

Key:-

M – Mandatory

O – Optional

I – Information Required

Requirement Specifications & Expected Scope of Work			Compliance (Yes / No)
1. Technical Requirements			
1.	The Connectivity shall support IPv4 & IPv6 protocol traffic	M	
2.	The Connectivity shall provide LC interface that is supported by single-mode fiber connection.	M	
3.	The Contractor shall provide 24x7 technical support and network monitoring on the Connectivity	M	
4.	The Connectivity should maintain a latency of not more than 30ms between its terminating equipment	M	
5.	Prospective service provider need to provide detailed fiber routing path for the proposed Connectivity.	M	
2. Service Level Requirements			
1.	99.99% Service and Network Availability	M	
2.	The Contractor shall provide immediate hardware replacement for any faulty termination equipment of the Connectivity at no additional charges.	M	
3.	The Contractor shall provide monthly report on the network statistic for the Connectivity.	O	
4.	For scheduled maintenance, the Contractor is to inform SGIX fifteen (15) working days advance.	M	
5.	The Contract shall provide 24x7 hotline for technical enquiries	M	

Annex B Pricing Schedule

Item	Description of Services	Qty	UNIT COST		TOTAL AMOUNT	
			Setup (S\$)	Monthly Charge(S\$)	Setup (S\$)	Monthly Charge(S\$)
1.						
2.						
3.						
4.						
Grand Total						

Please state Terms & Conditions, if any.

Annex C

COVER LETTER OF PROPOSAL

To :

Singapore Internet Exchange Ltd
c/o Property Facility Services Pte Ltd
11. Toa Payoh Lor 3
Blk B, #01-18 Jackson Square
Singapore 319579

Proposer:

Address:

Call for Tender closes on
27 May 2010, 12noon
(Singapore time)

Call for Tender – Inter-Node Connectivity

1. We, **<name of company>** offer and undertake on your acceptance of our proposal to supply and deliver the goods and services specified in your Call for Tender.
2. Our offer shall be valid for **six (6)** calendar months from the closing date of the Tender, and further extension of the validity shall be mutually agreed.
3. We further undertake to give you any further information which you may require.
4. We warrant, represent and declare that we are duly authorised to submit, sign this offer, receive instruction, give any information, accept any contract and act for and on behalf of **<name of company>**.

Dated this _____ day of _____, 20____

For Proposer

Proposer's Company or Business
Registration Number (if applicable):

Authorised Signature
Name:
Designation:
Telephone:
Email:

Proposer's Stamp / Seal:

Company Information

1. Name of Company	
2. Nature of Business	
3. Contact Person(s)	
4. Designation(s)	
5. Contact Number(s)	
6. Facsimile Number(s)	
7. Designated Email(s)	
8. Synopsis of the company on the current solutions/ products/services offered and niche area(s). <i>[Please limit to 300 words]</i>	
9. Company Website	
10. Other Information	