



TATA INSTITUTE OF FUNDAMENTAL RESEARCH

(Autonomous Institution of the Department of Atomic Energy, Government of India)

TIFR Centre for Interdisciplinary Sciences

21, Brundavan Colony, Gandipet Road, CBIT Post Office, Hyderabad-500 075 (Transit Campus)

Phone: 040-2419 5029, Email: purchase@tifrh.res.in

Corrigendum No. 1 for Design, Supply, Installation and Commissioning of Active ICT Equipments for Campus Wide Wired and Wireless Networking at Fret-B Campus at Gopanpally Village, Serilingampally Mandal, Ranga Reddy District, Hyderabad.

PUBLIC TENDER NOTICE

TENDER REFERENCE NO: TFR/PD/16-17/ICT/0022

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Phone: 040-2419 5029, Email: purchase@tifrh.res.in

Date: 22-11-2016

TENDER REFERENCE NO: TFR/PD/16-17/ICT/0022

To
Vendors/Bidder

Sub: Corrigendum No. 1 for Design, Supply, Installation and Commissioning of Active ICT Equipments for Campus Wide Wired and Wireless Networking at Fret-B Campus at Gopanpally Village, Serilingampally Mandal, Ranga Reddy District, Hyderabad.

Dear Bidders/Vendors,

Please refer the subject tender published in Times of India (all editions) on 04-11-2016, the following amendment to the subject is being issued

1. Queries and Clarifications/Amendments shall be read as per the attached **Annexure - I**.

All other terms & conditions of subject tender shall remain unchanged. This Corrigendum No. 01 is an integral part of the subject tender and a copy of the same must be submitted along with the offer duly signed and stamped.

Administrative Officer

TCIS Hyderabad

Tender Reference No: TFR/PD/16-17/ICT/0022

Design, Supply, Installation and Commissioning of Active ICT Equipments for Campus Wide Wired and Wireless Networking at TIFR-TCIS, Hyderabad Fret-B Campus at Gopanally, Hyderabad.

Technical Queries and Clarification/Amendments

S.No	Query/Clarification Sought	Clarification/Amendment
1.	Request to reduce the stacking bandwidth from 80 Gbps to 40 Gbps in access switches	No Change.
2.	Request to reduce the number of QSFP+ ports from 8 to 6 and change the switching bandwidth accordingly to 1.4 Tbps in core switch	Amended as follows: <ul style="list-style-type: none"> The Network Switch should have at least 48 no's of 1G/10G SFP+ ports and minimum 6 no's of 40G QSFP+ ports from Day 1. Switching Bandwidth: should support minimum 1.4 Tbps of switching capacity.
3.	Request to reduce the flash memory from 1 Gb to 512 MB in access switches	Amended as follows: <ul style="list-style-type: none"> Should have 512 MB flash memory
4.	Request to remove OSPFV3 functionality or mention OSPFV3/RIPing in access switches	Amended as follows: All the quoted access switches should support Layer 3 dynamic routing protocols like RIPng/OSPFv3 etc.. for future purpose
5.	Request to mention the details of Redundant Power Supply explicitly for access switches.	Amended as follows: <ul style="list-style-type: none"> Access switches should be loaded with built-in dual hot swappable, built-in redundant load sharing AC power supplies to provide 1:1 power supply redundancy.
6.	Suggested to mention the requirement of cable explicitly as DAC or QSFP+ with LR or mention the	Amended as follows: <ul style="list-style-type: none"> Two core switch will be going to placed two different location in future ,

	core switch will be placed in two different locations in future, at that time, the quoted switch should support the HA functionality regardless of the distance between the two core switches.	<p>hence need to support active-active functionality over long distance on 40G i.e up to 500m over single mode fiber.</p> <ul style="list-style-type: none"> Bidder should quote 2*40G LR optics per core switch only to achieve the Active-Active functionality over long distance.
7.	Suggested to change 50% of ports should support PoE 15.4 W and 50 % of switch support PoE+ 30W instead of all port should support PoE+ 30W in access switches and it should dynamic(Runtime).	No Change.
8.	Request to mention the connectivity details of wifi controller explicitly.	Amended as follows: Bidders should use only 10G LR optics for connecting Wireless Controller in Active-Active mode and it should be considered in the overall design proposal.
9.	Requesting to allow EAL2 certified switches as well along with NDPP certified switches.	No change. Quoted Switches should Be NDPP Certified
10.	Suggested to provide NDPP certificate details mentioned in the website www.niap-ccevs.org from the bidding OEMs.	Amended as follows: TCIS requests the bidding OEMs to provide NDPP certificate details mentioned in the website www.niap-ccevs.org from the bidding OEMs.
11.	Suggested to include OEM has to verify the installation and certify the site as a part of commissioning.	Amended as follows: Post installation, OEM should inspect the site and certify the installation as a part of commissioning.
12.	Requesting to allow IPV6 ready instead of IPV6 logo switches.	No Change. Quoted items should have IPV6 Ready Logo from Day 1
13.	Requesting to allow bidder to quote wireless solutions from different OEM.	No change. All the mentioned active equipment including all Ethernet switching equipment, wifi equipment, NMS and optic fiber modules/transceivers must be from a single OEM. All cables and patch chords quoted for must be factory crimped.
14.	Requesting to relax the condition the OEM and partner should have successfully executed at least one project	No change. The OEM and partner should have successfully executed at least one project together in India using the architecture and technologies to those

	together in India.	being proposed in their quotation against this tender.
15.	Request to clarify and brief the first point (3.a) mentioned in Prequalification for bidder in the tender.	<p>Amended as follows:</p> <p>The bidder should have executed at least two projects in India using the architecture and technologies similar/equal to those being proposed in their quotation against this tender.</p> <p>In addition, anyone of the following should be satisfied by the bidding partner.</p> <ol style="list-style-type: none"> 1. At least one order of minimum value of Rs. 1 Crores or 2. At least two orders of each minimum value of Rs. 80 Lakhs <p>Similarly, OEM should also have executed at least two projects in India using the architecture and technologies similar/equal or greater scale value to those being proposed in their quotation against this tender.</p> <p>Purchase order copies of the same must be submitted with the technical bid. All purchase order value should be minimum 80Lakhs.</p> <p>The Bidder shall be a single entity, registered as a Company, Firm under respective acts in India and should have prominent presence in existence in India.</p> <p>The OEM and partner should have successfully executed at least one</p>

		<p>project together in India using similar architecture and technologies to those being proposed in their quotation against this tender.</p> <p>The Bidder and OEM should have the presence in Indian IT Market at least from the last 5 years in same business with registered office and logistics facility for easy access and availability of upgrades in India to ensure the proper back-end support for smooth execution and post-sale support operations of such kind of geographically wide spread network.</p>
16.	Requested to make stacking with at least 8 switches in a single stack, instead of 9 switches in a single stack.	No Change.
17.	Suggesting to change 100 Mpps to 200 Mpps in access switches.	No Change.
18.	Suggested to change All accessories for stacking should be supplied & cable minimum 17Nos" Kindly revise as " switch should have redundant power supply	All accessories for stacking should be supplied to achieve stacking bandwidth of 80 Gbps. All cabling should be done on-site as per the length required for 80 G stacking for maximum nine switches in a single rack. Only factory crimped cables should be used. All cabling should be done to provide efficient air circulation and should not block any air circulation behind the switches and servers.
19.	Solvency Certificate/Earnest Money Deposit (EMD)/Performance Security/Performance Bank Guarantee should be from Nationalized Bank. Please revise scheduled bank.	Solvency Certificate/Earnest Money Deposit (EMD)/Performance Security/Performance Bank Guarantee should be from Scheduled Commercial Public Sector Bank/ Nationalized Bank /SBI & Associates/ RBI Reputed Bank ICICI/HDFC/AXIS/IDBI

All other Specifications, Terms and Conditions are remains unchanged as per tender.



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