

MRSG201301: Infiniband connectivity for servers

August 22, 2013

Quotations are invited for upgradation of the connectivity on 11 servers from Gigabit to QDR Infiniband. The cluster consists of 10 nodes of Intel SR1680MV server stations with 2 Nehalem E5620 quadcore processors per node on an Intel Server Board and one additional 1U mountable server. All the associated materials for IB connectivity like the switch, IB cards, cables, etc. should be included in the quotation. The detailed requirement of parts is as follows:

- Infiniband Adapter Cards (11 Nos): Single-Port QSFP, IB 40Gb/s and 10GigE, Low Profile PCIe2.0 5.0GT/s, RoHS R6
- Infiniband Cables (11 Nos): 4x QSFP latch, 30 AWG, 1 meter
- Infiniband Switch (1 Nos): 12/ 16 QSFP ports, PSU side to connector side airflow, Standard depth

The quotation containing the commercial bid along with technical compliance should be sent in a single sealed envelope to Dr. Madhav Ranganathan, Department of Chemistry, IIT Kanpur 208016. Quotations, duly signed, can also be sent by email to madhavr@iitk.ac.in. Last date for receipt of the quotation is September 9, 2012. Any other clarifications can be obtained by contacting Dr. Madhav Ranganathan using the information below.

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