

BOSE INSTITUTE KOLKATA	
Tender No.	CAPSS/86/268/(CBM-MUCH- SKG)/16-17
Tender Date	23.11.2016
Tender Type	OPEN
Tender Title	<b>NAT – MCH – Base12 - GbE</b>
Specification	Please see Annexure - 1
Quantity	<b>01 (one)</b>
Last Date & Time for submission	13.12.2016 upto 2:00 p.m.
Date & Time for opening bids	13.12.2016 at 3:00 p.m.
Submission of Tender (address)	CAPSS, Bose Institute, Kolkata 700 091
Venue of bid opening	CAPSS, Bose Institute, Kolkata 700 091
For any query the interested bidders may contact (Dept./Section/Div./Unit)	CAPSS, Bose Institute [09830489406]
<b>General Terms &amp; Conditions</b>	
Warranty	365 days from the date of satisfactory commissioning
Payment terms	Payment will be made after complete delivery of the instrument in good condition and satisfactory installation
Delivery schedule	Within 45 days from the date of order & if any defect of the supplied item is found, it should be replaced immediately from your side
Bid security (earnest money deposit) if applicable	NA
Submission of Performance Bank Guarantee (PBG), if applicable	NA
Any other information (if applicable)	NA
<b>Name of the instrument and submission of tender should be mentioned on the envelop positively</b>	
<b>Director, Bose Institute reserves the right to accept or reject any or all tenders either in part or in full. The reasons of rejecting the tender of a prospective bidder will be disclosed only when enquiries are made</b>	

Sr. Prof. & Incharge, Registrar's Office

# Annexure I (Specification)

## Detailed Technical specifications

The NAT-MCH is the powerful management and data switching entity for all MicroTCA.0 systems:

- management for
  - 12 AMCs + optional AMC13 in 2nd MCH slot
  - 4 power modules including N+1 redundancy
  - update channel to secondary MCH
- GigaBit Ethernet switching (Fabric A)
- optional PCI Express (Gen 3) switching (Fabrics D-G)
- optional SRIO (Gen 2) switching (Fabrics D-G)
- optional 10GbE (XAUI) switching (Fabrics D-G)
- front panel uplinks
  - 2x 1GbE (load sharing) supported
  - optional two CX-4 (SRIO and XAUI) or two SFP+ (XAUI) uplinks
  - 2x SMA for external CLK support (bi-directional)
  - USB console
- clock generation and distribution by sophisticated clock module NAT-MCH-CLK
- configuration options
  - sconsole (USB, RS232 or Telnet)
  - script File
  - web Browse
- host based Java GUI for any operating system capable of executing Oracle Java Run-Time Environment (JRE) v1.7 or higher, i.e. Linux, Mac OS-X or Windows

