# INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH

# PUNE

CLARIFICATION ON TENDER NUMBER - IISER-PUR-1363-13

**ITEM DESCRIPTION- PROCUREMENT OF 25 &30 TF HIGH PERFORMANCE CLUSTER AND 150 & 200 TB SAN STORAGE SOLUTION**

Please refer our Press Tender Notice No.IISER/S&P/16/13 dated 3.2.2014 for procurement of 25 &30 TF High Performance Cluster and 150 & 200 TB San Storage Solution. In this regard refer following:

1. Pre-Bid Conference dated February 10, 2014
2. Addendum on Pre-Bid Conference dated February 19, 2014

This is in continuation to our Minutes of Pre-Bid Conference issued on February 14, 2014 and addendum issued on February 19, 2014.

An **Addendum - II** on minutes of Pre-Bid Conference is hereby issued. The same is attached as Annexure - VII

All the Prospective Bidders are required to take cognizance of both the addendum along with proceedings of the Pre-Bid Conference before submitting their bids as stipulated in the Bidding Documents

The other terms & conditions of the notice issued on our IISER website www.iiserpune.ac .in will remain unchanged.No more correspondence in this regard will be entertained

Sd/-

24.2.2014 Assistant Registrar (S&P)

ANNEXURE - VII

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## PRE-BID CONFERENCE FOR PROCUREMENT OF 30 TF HIGH PERFORMANCE CLUSTER AND 200 TB SAN STORAGE SOLUTION

## ADDENDUM- II ON CLARIFICATION

TENDER NUMBER - IISER-PUR-1363-13 DATE :24.02.14

<table>
<tr><th>S.No</th><th>Query/Clarification Sought</th><th>Clarification / Amendment</th></tr>
<tr><td>1</td><td>Bioperf: this seems to be single-threaded. When we run, we could see only one process. Can you please confirm this?</td><td>Bioperf has packages that are multi-threaded</td></tr>
<tr><td>2</td><td>The CBENCH has lots of packages. Please let us know which ones to run.</td><td>The tests to run for CBench are listed below.<br><br>
<table>
<tr><th>Testset</th><th>Benchmarks in this Testset (source_dir::benchmark_name)</th></tr>
<tr><td>bandwidth</td><td>b_eff::b_eff, phloem::{com, sqmr} MPI1, osutests:{osu_bibw, osu_bw, osu_mbw_mr}</td></tr>
<tr><td></td><td>IBM::IMB-MPI1, phloem::{mpiBench</td></tr>
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| | | | |
|---|---|---|---|
| | | | rotate::**rotate_latency** |
| | | **mpioverhead** | mpi_overhead::**mpi_overhead** |
| | | **rotate** | rotate::**rotate** |

- **Bandwidth** - Tests the unidirectional and bidirectional bandwidth at the MPI level in a cluster. In other words, a bandwidth scaling study. Currently the benchmarks used are the common Bandwidth Effective (b_eff) and the bandwidth benchmark from Presta 1.2, com. Presta 1.2 is part of the ASCI Purple benchmarks.
- **Collective** - Scaling study measuring MPI collectives
- **Latency** - Scaling study measuring MPI latency
- **MPI Overhead** - Scaling study that measures the memory overhead per process for MPI as well as the job launch time.
- **Rotate** - Rotate is a cross-sectional bandwidth benchmark developed at Sandia National Labs. It is useful for measuring how well an interconnect takes advantage of the available hardware bandwidth at the MPI level.