Queries raised in the Prebid Clarification meeting (Nov. 22, 2019) and responses:

1) Memory/RAM:- As per your requirement you required total 192GB (i.e. 4GB each core) memory in each node.
   Query:- can we offer RAM with 6GB per core or you want the specific memory calculation?

   No change, as per the tender specification, minimum of 4 GB per core in a fully balanced configuration

2) DIMM slots:- How many DIMM slots you required in Head/Master node and Compute nodes?

   There is no specific requirement on the no. of DIMMs.

3) Hard drive Bays:- How many Hard drive bays you required? Upto how much storage capacity you wanted to expand in future?

   There is no specific requirement on the no. of hard-drive bays except that each compute node/head node should have 2 x 1 TB SATA HDD

4) Any other Application/software tools which you required at the time of installation?

   HPC Cluster suite, Cluster management tools, Open-source parallel libraries

5) Delivery and installation Period:- Kindly extend the Delivery period upto 6-8 Weeks and installation within 2 weeks from delivery date

   Delivery: 6 weeks from P.O. Installation 2 weeks from delivery.

6) Payment terms:- As we not charges for installation activity; that means will we get the payment immediately after Supply of Equipment's?

   The revised payment terms should read as :
   1. 80% of the total cost of the system (Supply part) will be paid through SIGHT DRAFT/NEFT on delivery. The balance 20% will be paid on successful installation, commissioning and acceptance of the system.
   2. Installation charges, if any, payable only in Indian Rupees, will be paid after acceptance of the system.

7) In the Specification asked for the Master & Compute Node should have Atelast 8 x PCI-E 3.0 x16 (Double Width) Slots, 2 x PCI-E 3.0 x8 (in x16).

The requirement on the no. of PCI-e ports in the tender can be removed. Minimal no. of PCI-e bus as supported would be fine.

8) Would you be populating 8 GPU in Master and Compute Node ? Incase if yes then it would be on 4U Rackmountable Server & also specify the GPU Card required.

There is no intent to populate these servers with GPU cards.

9) For calculating the sustained HPL performance of 20TF, should we consider only compute nodes, or both master+compute nodes?

The HPL performance is only from the compute nodes.

10) For the Master and Compute nodes, the tender specifies 2 AMD EPYC 74xx or 75xx Processors each with 24 Cores or more at 2 GHz or higher. We request you to include 77xx as well in the AMD specifications.

Yes, AMD 77xx is also permitted (with 24+ cores and 2.0 GHz or higher) is permitted

11) You have mentioned Intel Xeon GOLD. GOLD with 24Cores is 6252. But the clock speed is only 2.1GHz & hence cannot be quoted. This leaves us with only 1 option - to go with Platinum. Please revise the clock speed to 2.1 or 2.0GHzCompute Nodes and Head Node

The specification is changed to
2 Intel Xeon Gold/Platinum Cascade Lake Processors each with 24 Cores or more at 2.0 GHz or higher (or)
2 AMD EPYC 74xx or 75xx or 77xx Processors each with 24 Cores or more at 2.0 GHz or higher