

TENDER NOTICE NO: IPR/TN/PUR/TPT/ET/11/17-18 DATED 12-9-2017

Summary of the revisions/modification in tender specifications against the Tender No IPR/TN/PUR/TPT/ET/11/17-18 DATED 12-9-2017

NOTE: Post pre-bid meeting revisions in the document are in emphasised in **BOLD** font

Sr No	Tender Doc Ref	IPR Specifications (Initial)	IPR Specifications (Revised)
1	Sr No. 10 page 2 Section C	OEM developed and supported cluster Management tools with latest version should be provided.	OEM developed or OEM supported cluster Management tools with latest version should be provided.
2	Sr No. 1.7 page 11 PDI in Terms and Conditions Section C	The Bidder has to demonstrate at least 3072 GFLOPS HPL performance from a compute node with Dual CPU (with TURBO OFF) and at least 12472 GFLOPS of HPL performance from a compute node having Dual CPU (TURBO OFF) and TWO Nos. of GPU Nvidia P100.	High performance Linpack (HPL) efficiency must be at least 60% for pure CPU nodes with Turbo OFF as well as for CPU+GPU Nodes with Turbo OFF.
3	Sr No. 3.11 page 5 Compute Node Specifications for Visualisation Server Section C	The compute node should be configured with Two numbers of Nvidia P6000 GPU with 24 GB cards with required software.	The compute node should be configured with Two numbers of Nvidia P40 GPU with 24 GB cards with required software.
4	Sr No. 1.10 page 11 PDI in Terms and Conditions Section C	Input voltage variation from 110V - 270V must be conducted on sample set and the machine operation should not get affected. The Bidder has to arrange the required equipments for this testing.	Input voltage variation from 180V - 240V must be conducted on sample set and the machine operation should not get affected. The Bidder has to arrange the required equipments for this testing.
5	Sr No. 9.2 page 8 Storage Solution with Parallel File System Section C	As per requirement parallel file system Metadata will be configured on SSDs.	As per requirement parallel file system Metadata will be configured on SSDs with at least 2% of usable capacity.
6	Sr No. 9.12 page 8 Storage Solution with Parallel File System Section C	Solution must have IOR / IOZone individual performance test of atleast 20GB/s write, 20GB/s read and Opensource MDTEST tool performance of minimum 60,000 files create/sec.	Solution must have IOR / IOZone individual performance test of atleast 20GB/s write, 20GB/s read and Opensource MDTEST tool performance of minimum 60,000 files create/sec with 1 MB block size.

7	Sr No. 1.7 page 3 Compute Node, Sr No. 2.7 page 4, Sr No. 3.7 page 4, Sr No. 4.7 page 5, Sr No. 5.7 page 6, Sr No. 6.7 page 6 in Section C	The solution should be configured with Hot plug Redundant Power supplies and fan assemblies	The solution should be configured with Hot plug Redundant Power supplies (N+N) and fan assemblies.
8	Sr No. 1.1 page 10 PDI in Terms and Conditions Section C	Pre-dispatch inspection will be carried out at the Bidder's premises prior to dispatch of system to IPR.	Pre-dispatch inspection will be carried out at the Bidder's/OEM premises prior to dispatch of system to IPR.
9	Sr No. 8.7 page 14 support in Terms and Conditions Section C	(a) If the Bidder does not have well- established service and support facility at Ahmedabad / Gandhinagar, then they must have office in India in operation at least for last 3 years from date of publication of this tender notice. Additionally details like facilities, manpower etc. at their office shall be submitted. (b) Also Bidder will depute at least two number of Engineers at IPR with HPC experience in the area of HPC configuration & operations, at their own cost, during warranty period.	If the Bidder does not have well- established service and support facility at Ahmedabad / Gandhinagar, then they must have office in India in operation at least for last 3 years from date of publication of this tender notice. Additionally details like facilities, manpower etc. at their office shall be submitted. In this case, the bidder will depute at least two number of Engineers at IPR with HPC experience in the area of HPC configuration & operations, at their own cost, during warranty period.
10	Sr No. 2.1 page 12 system delivery at IPR PDI in Terms and Conditions Section C	HPC system will be delivered at IPR-Bhat within 4 to 6 weeks , after Pre-dispatch inspection is completed and on receipt of despatch clearance letter from IPR	HPC system will be delivered at IPR-Bhat within 4 weeks , after Pre-dispatch inspection is completed and on receipt of despatch clearance letter from IPR.
11	Sr No. 3.1 page 12 Installation and commissioning PDI in Terms and Conditions Section C	Installation and commissioning of the HPC system at IPR-Bhat should be completed within 4 weeks from the date of receipt of intimation about site clearance by IPR.	Installation, commissioning and acceptance of the HPC system should be completed within 4 weeks from the date of delivery at IPR-Bhat.
12	Sr No. 5 page 9 Software specifications Section C	Latest version of atleast five user floating license of Intel cluster Studio with GPU support.	Latest version of atleast five user floating license of Intel Parallel Studio Cluster Edition

13	Sr No. 8.4 page 14 support in Terms and Conditions Section C	Whenever part replacement is required, then it will be provided latest by next business day onsite at no additional cost to IPR. New part will be brought in to IPR and faulty will be taken back from IPR.	Whenever part replacement is required, then it will be provided latest by next business day onsite at no additional cost to IPR. New part will be brought in to IPR and faulty will be taken back from IPR. If part is HDD, it may be returned after degaussing.
14	Sr No. 4.4 page 5 Compute Node Specifications with High Memory CPU Section C	Maximum 2 U height with rack/blade/dense form factor.	Maximum 4 U height with rack/blade/dense form factor.
15	Sr No. 9 page 10 Software specifications Section C	Necessary tools for parallel programming on CPU and GPU like Open MP, MPI, MPICH, Open ACC, Open CL, CUDA, GPU libraries and PGI should be supplied and installed.	Necessary tools for parallel programming on CPU and GPU like Open MP, MPI, MPICH, Open ACC, Open CL, CUDA, GPU libraries should be supplied and installed. PGI compiler with atleast 2 user floating license should be supplied and installed.
16	Sr No. 2 page 9 Software specifications Section C	Latest version of Suitable PBS Works' PBS pro for all servers . It must support GPU jobs also. Appropriate license must be provided	Latest version of Suitable PBS Works' PBS pro for all servers . It must support GPU jobs also. Appropriate license must be provided. Full support should be provided during the warranty period.
17	Sr No. 8 page 10 Software specifications Section C	Appropriate number of Licenses for all above software along with patches, upgrades etc. with 3 years subscription and support will be supplied and installed.	Appropriate number of Licenses for all above software along with patches, upgrades etc. with 3 years subscription and support will be supplied and installed. The Bidder should submit subscription and support certificate for all software mentioned in this tender document from respective OEMs.