



INDIAN INSTITUTE OF TECHNOLOGY BOMBAY
MATERIALS MANAGEMENT DIVISION
 Powai, Mumbai 400076

CORRIGENDUM of PR No. 1000004421 (SRM Rfx No. 6100000068) for High Performance Computing (HPC) Facility

Previous Technical Specification in Floated Tender:

1) High Performance Computing (HPC) Facility comprising components (A) and (B):

(A) Two quantity of Dell PowerEdge R740 Rack Server (2U) each with the following configuration:::: DUAL Intel Xeon Platinum 8160, 2.1GHz base, 24C, 33M cache, 150W processor DDR4-2666 --- RAM DDR4 64GB (Two cards of 32GB) 2666MT/s RDIMM --- HDD storage 4TB (1 x 4TB) 7200RPM SATA 512n --- GPU: Nvidia GTX 1080 Ti (ASUS ROG STRIX triple-fan) --- Dual, Hot-plug, Redundant Power Supply (1+1), 1600W --- Linux (Ubuntu 18.04.1 LTS) operating system --- Three years warranty and next-business-day service.

(B) Two quantity of 4U rack (supports upto 10 GPUs, Redundant 2000 W power supply, 2666 MHz RAM) each with the following configuration:::: DUAL Intel Xeon Gold 6130, 2.1GHz base, 16C, 22M cache, 125W DDR4-2666 --- RAM DDR4 64GB (Two cards of 32GB each) 2666MT/s RDIMM; with support for upto 24 DIMMs --- HDD storage 4TB (2 x 2TB) 2.5" 7200RPM SATA 128MB Seagate (enterprise class); with support for upto 24 bays --- GPU: Nvidia GTX 1080 Ti (ASUS ROG STRIX triple-fan) --- Power supply unit (PSU) needs to be able to support for expansion stated above --- Linux (Ubuntu 18.04.1 LTS) operating system --- Three years warranty and next-business-day service.

2) Optional Add-On Item: RAM card

Optional Add-On Item: RAM DDR4 32GB Card 2666MT/s RDIMM (compatible with both servers above)

3) Optional Add-On Item: GPU card

Optional Add-On Item: GPU Nvidia GTX 1080 Ti (ASUS ROG STRIX triple-fan)



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Modified Technical Specification :

1) High Performance Computing (HPC) Facility comprising components (A) and (B):

(A) Two quantity of Dell PowerEdge R740 Rack Server (2U) each with the following configuration:::: DUAL Intel Xeon Platinum 8160, 2.1GHz base, 24C, 33M cache, 150W processor DDR4-2666 --- RAM DDR4 64GB (Two cards of 32GB) 2666MT/s RDIMM --- HDD storage 4TB (1 x 4TB) 7200RPM SATA 512n --- Dual, Hot-plug, Redundant Power Supply (1+1), 1600W --- Linux (Ubuntu 18.04.1 LTS) operating system --- Three years warranty and next-business-day service.

(B) Two quantity of 4U rack (supports upto 10 GPUs, Redundant 2000 W power supply, 2666 MHz RAM) each with the following configuration:::: DUAL Intel Xeon Gold 6130, 2.1GHz base, 16C, 22M cache, 125W DDR4-2666 --- RAM DDR4 64GB (Two cards of 32GB each) 2666MT/s RDIMM; with support for upto 24 DIMMs --- HDD storage 4TB (2 x 2TB) 2.5" 7200RPM SATA 128MB Seagate (enterprise class); with support for upto 24 bays --- Power supply unit (PSU) needs to be able to support for expansion stated above --- Linux (Ubuntu 18.04.1 LTS) operating system --- Three years warranty and next-business-day service.

2) Optional Add-On Item: RAM card
 Optional Add-On Item: RAM DDR4 32GB Card 2666MT/s RDIMM (compatible with both servers above)

Based on the price, we will decide the total number of cards that we need to order.

3) Optional Add-On Item: GPU card
 Optional Add-On Item: GPU Nvidia GTX **1080 Ti** (if available) OR GPU Nvidia RTX **2080 Ti** having 2-slot width. (compatible with both servers above).

Based on the price, we will decide the total number of cards that we need to order.

The vendor should state the number of such cards (between 1-20) that it can supply at the quoted price. We tend to prefer 1080 Ti, if available.

4) Optional Add-On Item: GPU card (compatible with both servers above)
 Optional Add-On Item: GPU Nvidia RTX **2080 Ti** 11 GB GDDR6 **ASUS**, Size: 2-slot.

Based on the price, we will decide the total number of cards that we need to order.

5) Optional Add-On Item: GPU card (compatible with both servers above)
Optional Add-On Item: GPU Nvidia RTX **2080 Ti** 11 GB GDDR6 **ZOTAC**, Size: 2-slot.
Based on the price, we will decide the total number of cards that we need to order.