

Building Resilience to Climate Related Hazards Project
High Performance Computing Platform For Numerical Weather Prediction (Supply, Delivery, Installation and Commissioning)
 (Contract ID No: PPCR/DHM/G/I CB-28)

Clarification-2



We received the following Clarification request through pre-bid meeting, official letter and email from the Consulting Firms. Our response is as follows:

Query No	Reference to the Bid Document	Description of Queries	DHM /BRCH Clarification							
1	Section VII Schedule of Requirements 1. List of goods and delivery schedule, Line item. 1. a. "Cluster node....." (Page 71)	<p>Make clear on quantity of Cluster node Server. Please refer Page No-71. Or you can see the screenshot below:</p> <table border="1" data-bbox="607 566 1451 950"> <tr> <td data-bbox="607 566 913 950"> a. Cluster node 12 x Intel Broadwell 2595v4 18 core CPUs 2GHz minimum 128GB RAM DDR4 FDR Infiniband HCA 1G Ethernet IPMI management Redundant power supply 400GB local disk for local scratch, OS boot from frontend node) </td> <td data-bbox="913 566 1003 950"> 23-32 (according CPU configuration) </td> <td data-bbox="1003 566 1059 950">Sets</td> <td data-bbox="1059 566 1189 950">GIDC Singhdurbar Kathmandu</td> <td data-bbox="1189 566 1249 950"></td> <td data-bbox="1249 566 1323 950">In 120 days after contract signing</td> <td data-bbox="1323 566 1451 950"></td> </tr> </table> <p align="center">High Power Computers for Numerical Weather Predictions 71</p>	a. Cluster node 12 x Intel Broadwell 2595v4 18 core CPUs 2GHz minimum 128GB RAM DDR4 FDR Infiniband HCA 1G Ethernet IPMI management Redundant power supply 400GB local disk for local scratch, OS boot from frontend node)	23-32 (according CPU configuration)	Sets	GIDC Singhdurbar Kathmandu		In 120 days after contract signing		<p>Minimum requirement is 512 cores for all computing nodes, the number of computing nodes can vary with the CPU configuration. For example:</p> <ul style="list-style-type: none"> • compute node with 2 cpus, 18 cores each => 2 x 18 x 15 = 544 cores • Compute node with 2 cpus, 8 cores each => 2 x 8 x 32 = 512 cores
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