

# Procurement of GPU Compute solution for Gujarat State Data Center, Gandhinagar (GeM No. GEM/2025/B/5824041 dated 16.01.2025)

## Corrigendum-4

| Sr. No. | Volume & Section                                                      | Existing Bid Clause |               |                                                                                                                                                                                                               |                                                                                                                      | Remarks / Modified Clause |               |                                                                                                                                                                                                               |                                                                                                                      |
|---------|-----------------------------------------------------------------------|---------------------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|---------------------------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|
| 1       | 1.2<br>Technical<br>Presentation<br>cum Proof-<br>of-Concept<br>(PoC) | Sr. NO.             | POC Timeline  | Work Type                                                                                                                                                                                                     | Remarks                                                                                                              | Sr. NO.                   | POC Timeline  | Work Type                                                                                                                                                                                                     | Remarks                                                                                                              |
|         |                                                                       | 2                   | T1=T0+20 Days | Delivery of minimum proposed solution to achieve mentioned Benchmark (in RFP) by each Bidder (In case of Complete end to end solution from the same OEM of multiple bidders, OEM wise POC will be conducted). | If the OEM / bidder fails to deliver proposed minimum solution within 15 days, they will be considered disqualified. | 2                         | T1=T0+30 Days | Delivery of minimum proposed solution to achieve mentioned Benchmark (in RFP) by each Bidder (In case of Complete end to end solution from the same OEM of multiple bidders, OEM wise POC will be conducted). | If the OEM / bidder fails to deliver proposed minimum solution within 30 days, they will be considered disqualified. |
|         |                                                                       | 3                   | T3=T2+20 Days | Installation, commissioning and completion of POC testing of minimum proposed solution to achieve mentioned benchmark (in RFP)                                                                                | If the PoC is not completed within 20 days from the POC request date, the Bidders/OEM will be disqualified.          | 3                         | T3=T2+20 Days | Installation, commissioning and completion of POC testing of minimum proposed solution to achieve mentioned benchmark (in RFP)                                                                                | If the PoC is not completed within 20 days from the POC request date, the Bidders/OEM will be disqualified.          |
|         |                                                                       |                     |               |                                                                                                                                                                                                               |                                                                                                                      |                           |               |                                                                                                                                                                                                               |                                                                                                                      |

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| 2 | 1.2<br>Technical<br>Presentation<br>cum Proof-<br>of-Concept<br>(PoC)              | <ul style="list-style-type: none"> <li>• If multiple bidders have proposed the same complete End to End OEM solution, the result of that PoC shall apply to all such bidders.</li> <li>• Bidders must arrange and deploy all necessary infrastructure and accessories, including hardware, software, cables, racks, operating systems, and any other items required to conduct the PoC.</li> <li>• GSDC shall provide only space, power, and cooling. All other logistical and PoC execution-related costs shall be borne entirely by the bidder/OEM.</li> <li>• Upon completion of the PoC, the bidder must lift all deployed equipment from GSDC premises at their own cost.</li> </ul> | <ul style="list-style-type: none"> <li>• If multiple bidders have proposed the same complete End to End OEM solution, the result of that PoC shall apply to all such bidders.</li> <li>• Bidders must arrange and deploy all necessary infrastructure and accessories, including hardware, software, cables, racks, operating systems, and any other items required to conduct the PoC within specified timeline.</li> <li>• POC will be conducted at Bidder/OEM premises Location physical or virtually, Bidder/OEM has to demonstrate benchmark mentioned in this RFP. In case of virtual demonstration proper evidence to be showcased by the bidder any time during the POC. POC cost shall be borne entirely by the bidder/OEM. The facilitation for the POC activity shall be borne by the bidder.</li> <li>• Committee will be formed of minimum three representatives.</li> <li>• GSDC shall provide only space, power, and cooling. All other logistical and PoC execution-related costs shall be borne entirely by the bidder/OEM.</li> <li>• Upon completion of the PoC, the bidder must lift all deployed equipment from GSDC premises at their own cost.</li> </ul> |
| 3 | OS Support<br>in Master<br>Node,<br>Nodes for AI<br>training,<br>Inference<br>Node | <p>The system should support latest version of Red Hat Enterprise Linux / Ubuntu Linux / RHEL AI / Red Hat OpenShift AI server. However, the bidder shall deliver Ubuntu Linux version 22 or higher which should be delivered with Enterprise support from OEM with premium or highest level of support available. This must be provided with enterprise-level support from the OEM, specifically with premium or the highest level of support available.</p>                                                                                                                                                                                                                             | <p>The system should support latest version of Red Hat Enterprise Linux / Ubuntu Linux / RHEL AI / Red Hat OpenShift AI server. However, the bidder shall deliver any OS of latest version of Red Hat Enterprise Linux / Ubuntu Linux / RHEL AI / Red Hat OpenShift AI server which should be delivered with Enterprise support from OEM with premium or highest level of support available.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |

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| 4 | <b>Master Node,<br/>Nodes for AI training,<br/>Inference Node</b> |                                                                                                                                                                                                                                                                          | Server should comply to TPM 1.2/2.0 , ISO 9001.                                                                                                                                                                                                              |
| 5 | <b>Inference Node</b>                                             | Bidder may propose 2 or higher accelerator card per node (In inference Node) and numbers of inference node quantity may be change accordingly. However, total requirement of core and memory may be provided as mentioned in RFP and time to time published corrigendum. | Bidder may propose 2 or higher accelerator card per node (In inference Node) and numbers of inference node quantity may be changed accordingly. However, total number of cores shall be 380 core and above, and memory 12 TB and above (for Inference Node). |

**Responses to queries dated 24.06.2025 (GeM No. GEM/2025/B/5824041 dated 16.01.2025)**

| SR# | Bidding Document Reference (Clause)                                                | Content of RFP requiring Clarification                                                                                                                                                                                                                                                                                                                                                                                 | Points of Clarification required                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Responses to queries                                        |
|-----|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|
| 1   | Corrigendum 3, Point 10.. Minimum Technical Specification, Inference Node, Page-27 | As per RFP and time to time published corrigendum.<br><br>However, Bidder may propose 2 or higher accelerator card per node (In Inference Node) and numbers of inference node quantity may be change accordingly. <b>However, total requirement of core and memory may be provided as mentioned in RFP and time to time published corrigendum</b>                                                                      | We request GIL to keep the CPU Cores nad Memoery to same as the ask in Training nodes, which is minimum 56Core dual CPU and 2TB RAM. As these are more than enough. Even NVIDIA recommendation as per the Datasheet of DGX H200 (HGX Platform). DGX H200 is AI Optimized Server for both training and inference jobs and configured with 2 x Intel 8480 56C Core and 2 TB.<br><b>Justification</b><br>Please Refer the document below link.<br><a href="https://resources.nvidia.com/en-us-dgx-platform/dgx-h200-datasheet?xs=658708">https://resources.nvidia.com/en-us-dgx-platform/dgx-h200-datasheet?xs=658708</a> | please refer corrigendum-04.                                |
| 2   | 1. Eligibility Conditions: Point 3                                                 | In case a Make in India OEM participates directly in this bid as the sole bidder, the OEM-specific eligibility criteria shall not be applicable. In such cases, only the bidder 's turnover, relevant experience, and past performance shall be evaluated for qualification for Make in India OEM. The Make in India OEM must, however, comply with all technical and commercial requirements as specified in the RFP. | We request GIL to make it mandatory for MII OEM to comply to OEM Eligibility criteria and put all OEMs competing at par.<br><b>Justification</b><br>This clause relaxation gives unfair advantage to Make In India OEMs. This clause will restrict participation from leading multinational OEMs.                                                                                                                                                                                                                                                                                                                      | No change , as per RFP and time to time publish corrigendum |
| 3   | 1.2 Technical Presentation cum Proof-of-Concept (PoC)                              | The bidders who qualify for the pre-qualification shall be invited to demonstrate their proposed solution through POC to the Authorities of Tender Evaluation Panel (and potentially other representatives of the Authorities) and GSDC. The Demo will be conducted alphabetically of Bidder name.                                                                                                                     | We request GIL to reconsider these clause of PoC at GSDC Site ,as detailed in corrigendum 3 clause 1.1 and 1.2. As getting these Costly equipments at GSDC Site and mvoigt to and fro from SEZ (Special Economic Zones) will not be possible. We request to allow Remote PoC or visit by GIL team to SEZ Labs of OEM within India. Also demonstrating same configuration would be a challenge to make it available. While GPU card can be made available but configuration of CPU or MEmeory may differ to offered configuration.                                                                                      | please refer corrigendum-04.                                |
| 4   | 1.1 Criteria for Bid Evaluation                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                             |
| 5   | Inference Node: Total Qty-12 sets, Cluster Management & Scheduler and hardware     | The Cluster Manager must support multiple of hardware vendors.                                                                                                                                                                                                                                                                                                                                                         | we request GIL to clarify, if they plan to deploy Multiple OEM GPU ( Nvidia, AMD, Intel) as this would hel p to propose right version of Cluster Manager.                                                                                                                                                                                                                                                                                                                                                                                                                                                              | No change , as per RFP and time to time publish corrigendum |
| 6   | Inference Node: Total Qty-12 sets , HBA                                            | 32 Gbps Host Bus Adaptor with required SFP (at both end) for connecting with existing SAN switch and storage                                                                                                                                                                                                                                                                                                           | We request GIL to remove this point as none of GPU servers support FC HBAs.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | As per RFP and time to time published corrigendum.          |
| 7   | Performance Benchmarks                                                             | Inferencing nodes performance benchmarks                                                                                                                                                                                                                                                                                                                                                                               | Since the inferencing nodes would concolidated on to latest CPUs from Intel/AMD (Granite Sapphire or Taurin) These benchamrks will not be availabel, as higher CPU cores are availalbe on just launched CPUs which do not have all benchmarks avaiable yet on ML commons . These will need to made availabel as GPU OEM certifies these along with optimal configs.                                                                                                                                                                                                                                                    | No change , as per RFP and time to time publish corrigendum |
| 8   | Corrigendum 3, Point 10.. Minimum Technical Specification, Inference Node, Page-27 | As per RFP and time to time published corrigendum.<br><br>However, Bidder may propose 2 or higher accelerator card per node (In Inference Node) and numbers of inference node quantity may be change accordingly. However, total requirement of core and memory may be provided as mentioned in RFP and time to time published corrigendum                                                                             | We request GIL to keep the CPU Cores and Memory to same as the ask in Training nodes, which is minimum 56Core dual CPU and 2TB RAM. As these are more than enough. Even NVIDIA recommendation as per the Datasheet of DGX H200 (HGX Platform). DGX H200 is AI Optimized Server for both training and inference jobs and configured with 2 x Intel 8480 56C Core and 2 TB.<br><b>Justification</b><br>Please Refer the document below link.<br><a href="https://resources.nvidia.com/en-us-dgx-platform/dgx-h200-datasheet?xs=658708">https://resources.nvidia.com/en-us-dgx-platform/dgx-h200-datasheet?xs=658708</a>  | please refer corrigendum-04.                                |
| 9   | Eligibility Conditions: Point 3                                                    | In case a Make in India OEM participates directly in this bid as the sole bidder, the OEM-specific eligibility criteria shall not be applicable. In such cases, only the bidder 's turnover, relevant experience, and past performance shall be evaluated for qualification for Make in India OEM. The Make in India OEM must, however, comply with all technical and commercial requirements as specified in the RFP. | We request GIL to make it mandatory for MII OEM to comply to OEM Eligibility criteria and put all OEMs competing at par.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | No change , as per RFP and time to time publish corrigendum |
| 10  | 1.2 Technical Presentation cum Proof-of-Concept (PoC)                              | The bidders who qualify for the pre-qualification shall be invited to demonstrate their proposed solution through POC to the Authorities of Tender Evaluation Panel (and potentially other representatives of the Authorities) and GSDC. The Demo will be conducted alphabetically of Bidder name.                                                                                                                     | We request GIL to reconsider these clauses of PoC at GSDC Site ,as detailed in corrigendum 3 clause 1.1 and 1.2. As getting this Costly equipment at GSDC Site and moving to and fro from SEZ (Special Economic Zones) will not be possible. We request to allow Remote PoC or visit by GIL team to SEZ Labs of OEM within India. Also demonstrating same configuration would be a challenge to make it available. While GPU card can be made available but configuration of CPU or Memory may differ to offered configuration.                                                                                        | please refer corrigendum-04.                                |
| 11  | 1.1 Criteria for Bid Evaluation                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                             |
| 12  | Inference Node: Total Qty-12 sets, Cluster Management &                            | The Cluster Manager must support multiple of hardware vendors.                                                                                                                                                                                                                                                                                                                                                         | we request GIL to clarify, if they plan to deploy Multiple OEM GPU ( Nvidia, AMD, Intel) as this would help to propose right version of Cluster Manager.                                                                                                                                                                                                                                                                                                                                                                                                                                                               | No change , as per RFP and time to time publish corrigendum |
| 13  | The Cluster Manager must support multiple of hardware vendors.                     | The Cluster Manager must support multiple of hardware vendors.                                                                                                                                                                                                                                                                                                                                                         | we request GIL to clarify, if they plan to deploy Multiple OEM GPU ( Nvidia, AMD, Intel) as this would help to propose right version of Cluster Manager.                                                                                                                                                                                                                                                                                                                                                                                                                                                               | No change , as per RFP and time to time publish corrigendum |
| 14  | Inference Node: Total Qty-12 sets , HBA                                            | 32 Gbps Host Bus Adaptor with required SFP (at both end) for connecting with existing SAN switch and storage                                                                                                                                                                                                                                                                                                           | We request GIL to remove this point as none of GPU servers support FC HBAs.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | As per RFP and time to time published corrigendum.          |
| 15  | Performance Benchmarks                                                             | Inferencing nodes performance benchmarks                                                                                                                                                                                                                                                                                                                                                                               | Since the inferencing nodes would consolidate on to latest CPUs from Intel/AMD (Granite Sapphire or Taurin) These benchmarks will not be available, as higher CPU cores are available on just launched CPUs which do not have all benchmarks available yet on ML commons . These will need to make available as GPU OEM certifies these along with optimal configs.                                                                                                                                                                                                                                                    | No change , as per RFP and time to time publish corrigendum |
| 16  | Delivery                                                                           | 60 Days                                                                                                                                                                                                                                                                                                                                                                                                                | Request you kindly amend with 12 to 16 weeks. Installation - 6 to 8 week after delivery                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | As per RFP and time to time published corrigendum.          |
| 17  | Payment Terms                                                                      | 70% of the Capax cost shall be paid within 30 days after delivery duly certified by the GSDC and counter-signed/approved by the authority.                                                                                                                                                                                                                                                                             | Request you kindly amend with 70% of the Capex Cost on Delivery.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | No change , as per RFP and time to time publish corrigendum |
| 18  | Corrigendum 3 - Page No 16                                                         | POC criteria                                                                                                                                                                                                                                                                                                                                                                                                           | We request to specify the POC criteria & mini-infrastructure we need to provide to meet the specified benchmarks. Moreover, we sought to give at list 30 days of delivery and 30 days for deployment and benchmark to run.                                                                                                                                                                                                                                                                                                                                                                                             | please refer corrigendum-04.                                |
| 19  | Corrigendum 3 - Page No 24                                                         | HBA                                                                                                                                                                                                                                                                                                                                                                                                                    | Number of HBA cards and number of ports per card need to be specified. What is the purpose of HBA card needs to clarify for the designing the solution.                                                                                                                                                                                                                                                                                                                                                                                                                                                                | As per RFP and time to time published corrigendum.          |

**Responses to queries dated 24.06.2025 (GeM No. GEM/2025/B/5824041 dated 16.01.2025)**

| SR# | Bidding Document Reference (Clause) | Content of RFP requiring Clarification | Points of Clarification required                                                                                                                                                               | Responses to queries                                        |
|-----|-------------------------------------|----------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|
| 20  | Corrigendum 3 - Page No 24          | Network                                | Need to define number of ports for all the different types of network mention in the RFP.                                                                                                      | Bidder may quote as per the solution asked in the RFP.      |
| 21  | Corrigendum 3 - Page No 24          | OS Support                             | Need clarity on Ubuntu server OS license, GSDC is planning to use as physical server or VM server. What is the quantity for the OS license required needs to clarify.                          | please refer corrigendum-04.                                |
| 22  | Corrigendum 3 - Page No 24          | Software Support                       | GSDC has to mention the software, SDK, libraries, tools specifically as there are many of them are available. GSDC should clearly mention the list of all the required SDK, library and tools. | As per RFP and time to time published corrigendum.          |
| 23  | Corrigendum 3 - Page No 26          | OS Support                             | Need clarity on Ubuntu server OS license, GSDC is planning to use as physical server or VM server. What is the quantity for the OS license required needs to clarify.                          | please refer corrigendum-04.                                |
| 24  | Corrigendum 3 - Page No 28          | System Network                         | Need to define number of ports for all the different network types mention in the RFP.                                                                                                         | Bidder may quote as per the solution asked in the RFP.      |
| 25  | Corrigendum 3 - Page No 28-29       | OS Support                             | Need clarity on Ubuntu server OS license, GSDC is planning to use as physical server or VM server. What is the quantity for the OS license required needs to clarify.                          | please refer corrigendum-04.                                |
| 26  | Corrigendum 3 - Page No 29          | Corrigendum 3 - Page No 29             | MLPerf inferencing benchmark is available for 8 GPU set. Since RFP demands 2 Accelerators card per inference node hence this is not relevant. We request to remove this clause.                | No change , as per RFP and time to time publish corrigendum |