



**MINISTRY OF DEFENCE THROUGH THE PROJECT DIRECTOR OF ITS GREENAI  
PROJECT MANAGEMENT UNIT (“PROCURING AGENCY”)**

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**CORRIGENDUM – II**

**REQUEST FOR PROPOSAL NASTP-GREENAI-AGRIVERSE-HARDWARE/RFP02/2024**

**FOR**

**ESTABLISHMENT OF “AGRIVERSE: NATIONAL PRECISION AGRICULTURE CLOUD  
FACILITY (PILOT PHASE)”**

**AS A COMPONENT OF PSDP APPROVED PROJECT TITLED “DEVELOPMENT OF ICT  
AND ARTIFICIAL INTELLIGENCE (AI) BASED PRECISION AGRICULTURE  
SYSTEMS UTILIZING DUAL-USE AEROSPACE TECHNOLOGIES - GREENAI”**

1. The procuring agency invites sealed bids from companies for the ESTABLISHMENT OF “AGRIVERSE: NATIONAL PRECISION AGRICULTURE CLOUD FACILITY (PILOT PHASE)” as specified in Request for Proposal document.
2. Bids prepared in accordance with instructions in the bidding document must reach the address mentioned in RFP document. With reference to requests received from multiple parties, the revised date for submission of bidding document i.e. 27 December, 2024, has been extended again till **10 January, 2025** until **11:00 AM**. Bids will be opened on the same day i.e. **10 January, 2025** at **11:30 AM** in the presence of bidders or their authorized representatives.
3. A summary of major amendments made in the RFP is given in the ensuing paragraphs.

**Bidding Process Instructions**

4. Para 7, “**Last Date & Time of Submission of Bid**” has been updated as **Last Date & Time of Submission of Bid: 10 January, 2025 at 11:00 AM**.

Para 8, “**Bid Opening Date and Time**” has been updated as follows:

**Bid Opening Date & Time: 10 January, 2025 at 11:30 AM.**

5. On Page 26 , Appendix “B” Para J, has been revised as follows:

Payment for the supply of goods of the itemized amounts thereof, after deduction of the applicable taxes and duties, shall be made within thirty (30) days **with 15 days of grace period**, upon receipt of error free invoice from supplier.

6. On Page 28, in the table titled **HPC Zone Components / Nodes** for Cat “G” has been revised as NVIDIA GPU’s VRAM  $\geq$  24GB. Preferred solution would consist of SXM / NV Link GPU’s.
7. Equipment provided should be with OEM warranties.

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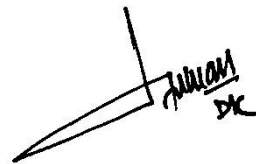
NASTP-GREENAI-AGRIVERSE-HARDWARE/RFP01/2024

8. On Page 28, under the heading of **Cat G**, the **Quantity** has been revised to ‘**1 to 8**’.
9. On Page 30, under the heading of **Cat 'RoCE'**, the **Quantity** has been revised to ‘**1 to 2**’.
10. On Page 55, under the heading of **Detailed Criteria / Requirements**, the **Mandatory Requirements** for **Technical Evaluation** given in sub-para 2 (b), have been revised as follows:

“Training (for 5 – 7 person team) that may include hardware / software integration / deployment / management, backup / restores should be part of the Solution. Training location and number of people as well as trainer information would be required to be shared. Other specific training such as the following should be provided

**Table: Training Requirements**

Category	Training Topic	Details
<b>Enterprise Storage</b>	Enterprise Storage Configuration	Training relevant to hardware setup and management.
	Backup and Recovery	Methods for data protection and restoration.
<b>Cloud</b>	OpenStack Deployment and Management	Training for enterprise-level OpenStack implementations.
	DevOps Fundamentals and Best Practices	Core principles of DevOps and effective practices.
	MLOps: Streamlining Machine Learning Workflows	Managing and automating machine learning workflows.
	Data Flow Planning and Optimization	Techniques for optimizing data flow in systems.
	Effective Storage Management Techniques	Managing storage resources efficiently.
	Kubernetes: Orchestration and Management of Containers	Training on container orchestration and lifecycle management.
	Cybersecurity and Penetration Testing	Ensuring system security and identifying vulnerabilities.
<b>Data Center</b>	Full Stack Developer Course	Development of web applications from frontend to backend.
	Data Center Management	Training for effective operation and maintenance of data centers.
<b>General</b>	Other Training Programs	Additional relevant training as required.



**Project Director**

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Date:- 26 December, 2024



Money sent successfully.

Transaction ID

13159740546

Transaction Date & Time

12/26/2024 3:11:59 PM

Transaction Amount

15000.00

From Account Title

AFZAAL SHARIF

Beneficiary Name

PUBLIC PROCUREMENT

Beneficiary Account/ IBAN

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Comments

Agriverse Cloud Corrigendum II

Channel

via HBL Digital