

Memo No.: 56.01.0000.046.07.071.25-~~1956~~

Date: 14 May 2025

Minutes of Pre-Proposal Meeting

Contract title: Supply, Installation and Commissioning for Expansion of Existing Private Cloud Platform (DC & DR) in National Data Center at BCC.

Request For Proposals No: EDGE-G1C

Date and Time: 06 May 2025, 11.00 a.m.

Venue: Conference Room of EDGE Project.

The meeting commenced with a welcome note from the Project Director, Enhancing Digital Government and Economy (EDGE) Project, who greeted all participants (see *Attachment-1* for list of attendees) and requested the Deputy Project Director to proceed.

The Deputy Project Director highlighted the key Purchaser Requirements, Procurement Milestones, Evaluation Process, and applicable Procurement Regulations to be followed during the RFP process. Members of the Procurement and Technical Team further elaborated on the specific requirements for this procurement.

The meeting emphasized adherence to procurement timelines, submission deadlines, and evaluation procedures as per the RFP.

Participants were informed that a **Rated Criteria** approach will be used to evaluate the non-price (technical) aspects of the proposals. The **techno-commercial evaluation** will follow the below weightage:

- **Technical Proposal:** 40%
- **Financial Proposal:** 60%

Assessment Steps (as per ITP 32.1 of RFP) of Technical Evaluation:

Step 1 – Initial Compliance Check:

Only those proposals that meet the **Purchaser's Technical Requirements** (as detailed in Section VII of the RFP) will proceed with detailed technical evaluation.

Step 2 – Rated Criteria Evaluation (as per PDS ITP 32.2 of RFP):

The technical evaluation will assign scores based on the following criteria, which collectively constitute 100% of the technical evaluation score (equivalent to 40% of the total proposal evaluation):

| Sl.No. | Technical Factor | Weight in percentage (Weight in %) | Reference of RFP |
|--------|---|---------------------------------------|---|
| 1 | Preliminary Project Plan addressing the required topics. | 40% | Section IV – Proposal Forms, Format of the Technical Proposal |
| 2 | Cyber security management strategies and implementation plans | 25% | Section IV – Proposal Forms, Format of the Technical Proposal |

| Sl.No. | Technical Factor | Weight in percentage (Weight in %) | Reference of RFP |
|--------|--|---------------------------------------|--|
| 3 | “Preferred: Scalability Requirements Future-Ready Features Energy Efficiency” | 20% | Part -2, Purchaser’s Technical Requirements Section VII. Preferred: mentioned in the section 3.6.1 Expansion of Existing Private Cloud Platform Software (DC & DR) serial: 38,39 and 41. |
| 4 | “Preferred: Operating System Support” • All Linux based server • All others hypervisor platform Under the section 3.1.2 to 3.1.9. | 15% | Part -2, Purchaser’s Technical Requirements Section VII: Preferred: mentioned in Operating System Support’ under the section 3.6.2 to 3.6.9. |
| | Total | 100% | |

The detailed scoring methodology is provided in **Section III – Evaluation and Qualification Criteria** of the RFP.

Participants were reminded to submit their queries (if any) within 14 days of RFP publication. As of the date of this meeting, no queries were received via email or in person.

The Project Director opened the floor for questions. Queries raised during the meeting were noted for formal response. Participants were requested to submit any additional queries by 07 May 2025. The procuring entity will issue a written response in due time.

There being no further questions, the meeting concluded with a vote of thanks from the Project Director.

Attachments:

- Attachment-1: List of Participants
- Attachment-2: Queries & Responses



(Dr. Md. Taibur Rahman)
Project Director (Joint Secretary)

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Date: **14** May 2025

Copy forwarded for kind information & necessary action with request to acknowledge receipt in writing within 2 days:

1.....
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2. Office Copy



(Dr. Md. Taibur Rahman)
Project Director (Joint Secretary)

Attendance Sheet



Enhancing Digital Government and Economy (EDGE)
Bangladesh Computer Council (BCC)
Information And Communication Technology Division (ICTD)
Ministry Of Posts, Telecommunications and Information Technology
Youth Tower (Level 3, 4 and 5), Plot # 822/2, Rokeya Sarani, Dhaka-1216, Bangladesh
Phone: +880241001721, E-Mail: pd.edge@bcc.gov.bd, Website: www.bcc.gov.bd



Attendance Sheet (Firms Representative)

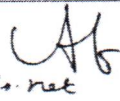
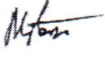
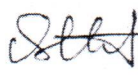
Pre-Proposal Conference

Contract Title: Supply, Installation and Commissioning for Expansion of Existing Private Cloud Platform (DC & DR) in National Data Center at BCC

Package No: EDGE-G1C

Date & Time: 06 May 2025 at 11:00 Bangladesh Time (BST=GMT +6:00 hours)

| SL | Name & Designation | Name of the Proposer/ Organization | Contact (Cell & Email) | Signature |
|----|--|---|--|--------------------|
| 01 | Md. Enamul Karim Shadman Designation: Asst. Manager | Global Brand PLC | 01767603566 enamul_shadman@globalbrand.com.bd | E.K. Shadman |
| 02 | Mohammad Masud Manager, Sales | Thaxial Information Systems Pvt. Ltd. | 01730091379 mohammad.masud@thaxial-bd.com | Masud 06-5-2025 |
| 03 | Lutfe Habib Khan ACM, Solution Architect | Global Brand PLC | 01712457610 lutfe-khan@globalbrand.com.bd | Lutfe |
| 04 | Nusrat Zinat Khushba Procurement officer | China shandong Hi-speed Qiantong | 01983045394 sethsetfor nusratzinat1123@gmail.com | Khushba |
| 05 | Engr. Nazim Majumder Director | ADN Technologies Mohakhali, Dhaka | 01550151248 nazim.majumder@adntechnologies.net | Nazim |

| SL | Name & Designation | Name of the Proposer/ Organization | Contact (Cell & Email) | Signature |
|----|--------------------------------|---------------------------------------|--|---|
| 06 | AREF MAHMOOD CTO | ADN TECHNOLOGY | 01713036306 arif@adntechnology.net |  |
| 07 | Maung Tan Sr. Manager | STBL | 01313002683 maung.tan@smart bd.com |  |
| 08 | Mr. Shahadat Hossen Manager | Smart Technologies (BD) Ltd. | 01917551132 Shahadat.hossen @smarttd.com |  |
| 09 | | | | |
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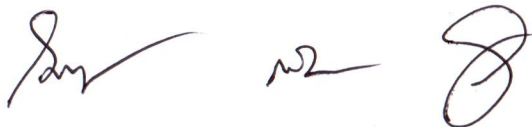
**Responses of Queries for Supply, Installation and Commissioning for Expansion of Existing Private Cloud Platform (DC & DR) in National Data Center at BCC
(Contract Package # EDGE-G1C)**

| Sl. No. | Page/ Clause Number/ Item Name | Clause/ Requirement | Question/Clarification Sought | Project Response |
|---------|--|--|--|--|
| 1 | 2 | 3 | 4 | 5 |
| 1 | Section I – Instructions to Proposers (ITP) 13.Alternative Proposals Page 16 | <p>13. Alternative Proposals</p> <p>13.1. The PDS indicates whether alternative Proposals are allowed. If they are allowed, the PDS will also indicate whether they are permitted in accordance with ITP 13.3 or invited in accordance with ITP 13.2 and/or ITP 13.4.</p> <p>13.2. When alternatives to the Time Schedule are explicitly invited, a statement to that effect will be included in the PDS, and the method of evaluating different time schedules will be described in Section III, Evaluation and Qualification Criteria.</p> <p>13.3. Except as provided under ITP 13.4 below, Proposers wishing to offer technical alternatives to the Purchaser's requirements as described in the request for proposals document must also provide: (i) a price at which they are prepared to offer an Information System meeting the Purchaser's requirements; and (ii) all information necessary</p> | Are there any disadvantages in the selection criteria of proposing an alternative solution (page 16) with different hardware specifications in order to optimize the cost? | Please refer to "ITP 13.1 Section II - Proposal Data Sheet (PDS) of RFP Document: Alternative Proposals are not permitted. |

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| | | <p>for a complete evaluation of the alternatives by the Purchaser, including drawings, design calculations, technical specifications, breakdown of prices, and proposed installation methodology and other relevant details. Only the technical alternatives, if any, of the Proposer with the Most Advantageous Proposal conforming to the basic technical requirements shall be considered by the Purchaser.</p> <p>13.4. When Proposers are invited in the PDS to submit alternative technical solutions for specified parts of the system, such parts shall be described in Section VII, Purchaser's Requirements. Technical alternatives that comply with the performance and technical criteria specified for the Information System shall be considered by the Purchaser on their own merits, pursuant to ITP 32.</p> | | |
| 2 | <p>Section IV – Proposal Forms</p> <p>Format of the Technical Proposal</p> <p>Preliminary Project Plan</p> <p>Page: 102</p> | <p>Preliminary Project Plan</p> <p>(ii) Implementation Sub-Plan: This sub-plan should provide a clear execution strategy for the import, delivery, installation, configuration and migration of cloud solution, including:</p> <ul style="list-style-type: none"> • Import and delivery timelines for all hardware and software components. • Installation and configuration plan for servers, storage, networking equipment, virtualization platforms, and cloud management | Project Plan requires migration strategy (Page 102). Kindly clarify | <p>As per the RFP document:</p> <ul style="list-style-type: none"> • Section 2.5.1 (Page 140) explicitly states: "No Data Conversion and/or Migration activity is considered as this assignment is to expand the existing platform only." |

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| | | <p>tools.</p> <ul style="list-style-type: none"> • Integration with existing infrastructure. • Security measures and compliance with government standards and regulations. • Coordination mechanisms with government stakeholders for testing, commissioning, and go-live processes. • Issue resolution and reporting framework to track progress and ensure timely deployment. <p>Page: 140 2.5 Data Conversion and Migration 2.5.1 No Data Conversion and/or Migration activity is considered as this assignment is to expand the existing platform only.</p> <p>Page: 292 Project Plan (GCC Clause 19) GCC 19.1 (d) Integration and Data Migration Plan</p> | | <ul style="list-style-type: none"> • However, Page 102 under the Project Plan requests a “migration strategy,” and GCC Clause 19.1 (d) on Page 292 references an “Integration and Data Migration Plan.” <p><i>Clarification and Compliance Statement:</i></p> <p>The primary objective of this assignment is to expand the existing private cloud platform without performing any major data conversion or migration from external or legacy systems. Therefore, no standalone or cross-platform data migration is envisaged.</p> <p>However, in compliance with GCC Clause 19.1 (d) and to maintain alignment with Page 102, the proposer will provide a limited migration and integration plan that addresses the following:</p> |

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| | | | | <ul style="list-style-type: none"> • Reconfiguration and redistribution of existing workloads across new and existing infrastructure as part of optimization. • Non-disruptive workload balancing and VM/container migration within the expanded cloud environment using built-in hypervisor/cloud management tools. • Integration with existing network, identity management, monitoring, and backup systems. • Validation of seamless interoperability between existing and newly deployed components. <p>This ensures:</p> <ul style="list-style-type: none"> • Minimal disruption to ongoing operations. |



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| | | | | <ul style="list-style-type: none"> • A unified platform post-expansion. • Compliance with all relevant clauses in the RFP. <p>The client confirms that no external data conversion or full system migration is required, and any referenced migration strategy will strictly pertain to intra-platform workload alignment and infrastructure integration.</p> |
| 3 | Section VII – Purchaser’s Requirements C. SERVICE SPECIFICATIONS – SUPPLY & INSTALL ITEMS D. TECHNOLOGY SPECIFICATIONS – SUPPLY & INSTALL ITEMS | 3.6 Detailed Technical Specifications and Requirements Compatibility | Existing system information. Can you provide additional information regarding the existing Huawei cloud platform? Huawei Cloud Platform Details: 1. Version and Edition: Which specific version of Huawei Cloud is in use (e.g., Huawei Cloud Stack, Fusion Sphere, or a specific release like 6.x or 8.x)? 2. Deployment Model: Is it a private cloud deployment (on-premises) or a hybrid setup with Huawei’s public cloud? | In response to the supplier's request for clarification regarding the existing cloud infrastructure at the National Data Center, please find the following information: <i>1. Version and Edition:</i> <ul style="list-style-type: none"> • The current platforms in operation are Huawei Cloud Stack (HCS) Version 6.x and 8.x, however the expansion is |

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| | | | <p>3. Core Components: What are the key components in use (e.g., Huawei Fusion Compute for virtualization, Fusion Manager for cloud management, or Manage One for operations)?</p> | <p>envisaged for HCS 8.x, deployed as part of the initial private cloud implementation under the National Data Center modernization initiative.</p> <p>2. <i>Deployment Model:</i></p> <ul style="list-style-type: none"> • The deployment model is strictly Private Cloud (On-Premises). • There is no integration with Huawei Public Cloud or any hybrid cloud configuration at this stage. <p>3. <i>Core Components in Use:</i></p> <p>The following Huawei components are actively used within the cloud environment:</p> <ul style="list-style-type: none"> • FusionCompute: Manages virtualization resources and provides compute virtualization. • FusionManager: Handles resource lifecycle management and |

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| | | | | <p>basic cloud platform operations.</p> <ul style="list-style-type: none"> • ManageOne: Provides unified cloud operations and service orchestration across the platform. • eSight: Utilized for network, server, and device monitoring and management. • UltraVR and DRS (Disaster Recovery System): Configured for VM backup and recovery between DC and DR sites. |
| 4 | <p>Section VII – Purchaser’s Requirement.</p> <p>C. Service Specification-Supply & Install Items</p> <p>Page 139</p> | <p>2.1 System Analysis, Design and Customization/Development</p> <p>2.3 System Integration (to other existing systems). 2.3.1</p> <ul style="list-style-type: none"> • Integration with Existing Platform <p>Interested proposers can collect the current cloud stack architecture and network diagram from the project office after signing a Non-Disclosure Agreement (NDA) for further</p> | <p>Can you provide a soft copy of the network diagrams as mentioned in page 139?</p> | <p>As stated in Section 2.3.1 – Integration with Existing Platform, the current cloud platform architecture and associated network diagrams are considered confidential.</p> <p><i>Access Procedure:</i></p> <ul style="list-style-type: none"> • Interested proposers may obtain a soft copy of the cloud stack architecture |

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| | | clarification on the platform's architecture and technologies. | | <p>and network diagrams only after signing a Non-Disclosure Agreement (NDA) with the project authority.</p> <ul style="list-style-type: none"> • The NDA can be signed and submitted at the EDGE Project Office, Bangladesh Computer Council (BCC). • Once the signed NDA is received and verified, the requested documents will be shared securely via official channels. <p>Please send an official letter to the Project Office with a NDA and request document access.</p> |
| 5 | | - | What are the power, cooling, and rack space constraints at the DC and DR sites for installing new hardware? | <p>The infrastructure constraints and availability at the Data Center (DC) and Disaster Recovery (DR) sites for the installation of new hardware:</p> <p>1. Power Capacity:</p> <ul style="list-style-type: none"> • DC Site: |

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| 1 | 2 | 3 | 4 | 5 |
| | | | | <ul style="list-style-type: none"> ○ Each rack is provisioned with dual power feeds (A & B), supporting up to 8 kW. ● DR Site: Each rack is provisioned with dual power feeds (A & B), supporting up to 4 kW. 2. Cooling Capacity: ● There is no cooling constraints 3. Rack Space Availability: ● DC Site: <ul style="list-style-type: none"> ○ Standard rack size is 42U (600mm x 1000mm). ● DR Site: <ul style="list-style-type: none"> ○ Containment infrastructure, it is not required to |

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|---------|-----------------------------------|---------------------|---|--|
| 1 | 2 | 3 | 4 | 5 |
| | | | | deliver racks in DRS |
| 6 | | - | Does the DR site require a mirrored setup identical to the DC (e.g., same server models, storage capacity), or is a scaled-down configuration acceptable? | The configuration for DR site hardware shall be in compliance with the technical specification mentioned in the RFP document. The hardware model shall be chosen in such a way so that there are no incompatibility issues for Huawei Cloud Stack DC-DR replication. |