

MINUTES OF PRE-BID MEETING FOR GEM BID NO: GEM/2025/B/5907575

“Request for Proposal (RfP) for Engagement of MeitY Empanelled Agency for Providing Cloud Service for BEE’s Indian Carbon Market (ICM) Portal”

Date & Time: 14.02.2025 at 11:00 hours

Venue: Meeting held via video conferencing.

Note: The last day for submission of bid has been extended from 25th February,2025 to 12th March,2025 at 4:00 P.M.

The key points of discussions /clarifications/queries that were sought with respect to the said RfP along with comments of Bureau of Energy Efficiency are as follows:

S. No.	Query	Comments from BEE
1	What type of Load Balancer needed and the Quantity.	Layer 7 (Application Layer) Load Balancer and required quantity is two.
2	What is the Bandwidth required for this project.	There will be around 8K total users and 3K will be concurrent users so based on that bidder can give recommendations.
3	Does Global DNS is required, pls confirm.	Yes, global DNS is required.
4	Does Public IP is required	Yes, public IP is required.
5	How many applications are there. Are they in single domain and subdomain modal or multi domain?	There will be single and subdomain modal.
6	Does the client require Vulnerability analysis and penetration testing. Please confirm.	As of now No. May be we require this in future.
7	Does the client require Privileged access management services. Please confirm.	Yes
8	Does the client require SIEM as a service. Please confirm.	No
9	Why Separate WAF& LB has been asked between APP Server and DB Server of Carbon Market ICM	We are deploying 3 instances each of Application and Database Servers to manage the load as the number of active users increases. To distribute

	Portal & Similarly it has been asked in ICM-Registry ?	traffic equally and maintain performance, availability and security, we have recommended separate Web Application Firewall (WAF) and Load Balancer (LB) between the App Server and DB Server.
10	Is BEE only Looking for MariaDB License or also expecting Support by OEM?	Yes
11	Why Each server asked for an SSL Certificate? Will each VM be part of a separate Domain or they are using one Main Domain and the rest will be part of Sub-Domain?	We will use main domain and rest will be subdomain so please give your recommendations accordingly.
11	Section 4 Scope of Work	The Section 4 has been updated and attached at Annexure-1
12	Section-6, Point-2, The bidder shall be a Central public sector enterprise (CPSE) or a Government Public Sector Undertaking (PSU).	The point 2 of section 6 is amended as follows: The bidder shall be a Central public sector enterprise (CPSE) or a Government Public Sector Undertaking (PSU) or a Meity empaneled Cloud Service Provider.
13	Financial Bid Format	The amended financial format is attached at Annexure-2

Annexure-1

Sr. No.	Portal Name	Requirement
1	Carbon Market Portal-ICM (Pre- Production Application VM)	16 vCPUs, 64 GB RAM, 480 GB Storage, including SSL(HTTPS), Operating System: Ubuntu.
2	Carbon Market Portal-ICM (Pre- Production Database VM)	16 vCPUs, 64 GB RAM, 480 GB Storage, including MariaDB 10.4.X(Enterprise License) and SSL(HTTPS), Operating System: Ubuntu.
3	Carbon Market Portal-ICM (Production Application VM)	32 vCPUs, 128 GB RAM, 480 GB Storage, Qty 3, including WAF (1 Gbps), Load Balancer (1 Gbps) and SSL(HTTPS), Operating System: Ubuntu.
4	Carbon Market Portal-ICM (Production Database VM)	32 vCPUs, 128 GB RAM, 480 GB Storage, Qty 3, including MariaDB 10.4.X(Enterprise License), WAF(1 Gbps), Load Balancer(1 Gbps) and SSL(HTTPS) ,Operating System: Ubuntu.
5	Carbon Market Portal- Registry (Pre-Production Blockchain Node VM)	32 vCPUs, 128 GB RAM, 1 TB NVMe SSD Storage, Qty 4, Operating System: Ubuntu 22.04.
6	Carbon Market Portal- Registry (Pre-Production API Server VM)	16 vCPUs, 64 GB RAM, 500 GB Storage NVMe, Qty 1, Operating System: Ubuntu 22.04.
7	Carbon Market Portal- Registry (Production Blockchain Node VM)	32 vCPUs,128 GB RAM, 2 TB NVMe SSD Storage, Qty 4, Load Balancer, WAF, SSL, Operating System: Ubuntu 22.04.
8	Carbon Market Portal- Registry (Production API Server VM)	32 vCPUs, 128 GB RAM, 500 GB Storage NVMe, Qty 3, Load Balancer, WAF, SSL, Operating System: Ubuntu 22.04.
9	Carbon Market Portal-Archive & Reports (Archive & Reports VM)	32 vCPUs, 128 GB RAM, 1 TB Storage, Qty 1, including MariaDB 10.4.X(Enterprise License), WAF(1 Gbps) and SSL(HTTPS), Operating System: Ubuntu.
10	File Storage Account (To store the uploaded document like PAN, TAN, GST, CIN)	1 TB Storage
11	1 Domain with DNS	
12	VPN	
13	SMTP Gateway	
14	SMS Gateway	
15	Redis Cache Service	

Financial Bid Format

Sr.No.	Cloud Service	One Time Setup Charges (Excluding Taxes)	Applicable GST (%)	Annual Charges Per Year (Excluding Taxes)	Applicable GST (%)
		(A)	(B)	(C)	(D)
1	Carbon Market Portal-ICM (Pre- Production Application VM) (Qty 1)				
2	Carbon Market Portal-ICM (Pre- Database Application VM) (Qty 1)				
3	Carbon Market Portal-ICM (Production Application VM) (Qty 3)				
4	Carbon Market Portal-ICM (Production Database VM) (Qty 3)				
5	Carbon Market Portal-Registry (Pre-Production Blockchain Node VM) (Qty 4)				
6	Carbon Market Portal-Registry (Pre-Production API Server VM) (Qty 1)				
7	Carbon Market Portal-Registry (Production Blockchain Node VM) (Qty 4))				
8	Carbon Market Portal-Registry (Production API Server VM) (Qty 3)				
9	Carbon Market Portal-Archive & Reports (Archive & Reports VM) (Qty 1)				
10	File Storage Account (To store the uploaded document)				
11	1 Domain with DNS				
12	VPN				
13	SMTP Gateway				
14	SMS Gateway				
15	Redis Cache Service				