# MAHATRANSCO
### Maharashtra State Electricity Transmission Co. Ltd.

## MAHARASHTRA STATE ELECTRICITY TRANSMISSION CO. LTD.
### (CIN No.U40109MH2005SGC153646)

**Name of Office :** Central Purchase Agency,
**Office Address :** Prakashgad, 1ˢᵗ Floor, Plot No. G-9, Anant Kanekar Marg,  Bandra (East),
Mumbai-51
**Contact No.:** 022-26474211/26472131
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SP/T-0702/0322/                                                                   Date: 07.04.2022

## AMENDMENT NO.-II

**Sub:** Migration & hosting of MSETCL's non-SAP applications currently hosted on DIT cloud & co-located infrastructure to Cloud Based Infrastructure for a period of Thirty Six [36] months against e-Tender No. SP/T-0702/0322 [RFx. No. 7000022422] **- Issue of Clarification / Amendment to tender document in response to Bidder's queries and extension in due date of submission and opening of bid.**

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Please refer e-Tender No. SP/T-0702/0322 [RFx. No. 7000022422], advertised for the subject works.

In response to above tender, the **Clarifications / Amendments to Tender specifications on** bidder's queries are given in Annexure-I enclosed herewith.

Considering the above, the due dates of submission and opening of Tender are hereby modified as under:

Due date and time of submission of bids      : 12.04.2022 up to 17.00 Hrs.

Due date and time of opening of bids          : 12.04.2022 at 17.15 Hrs.

All participant bidders are requested to take note of the above and submit their bids accordingly. All other terms and conditions of the Tender specifications remain unchanged.

Sd/-
Executive Engineer (St.-VII)

**Annexure - I**

**Migration & hosting of MSETCL's non-SAP applications currently hosted on DIT cloud & co-located infrastructure to Cloud Based Infrastructure for a period of Thirty Six [36] months**

**Tender No. : SP/T-0702/0322 [RFx. No. 7000022422]**

| Sr. No. | RFP Document reference(s) section | RFP page number | Content of RFP requiring clarification(s) | Points of Clarification | Clarification(s) / Amendment |
|---|---|---|---|---|---|
| 1 | 2.5 Key assumptions: 2.5.3 | Technical Specification_nonSAP Page no 5 | There will be a separate test environment, accessible to the test team for conducting testing. The test environment will be similar to the production environment in both hardware and software configurations. | As per RFP, Staging Environment is to be considered as same as production Environment. Please Acknowledge. Also tell the duration of Implementation phase needs to be active? Also Acknowledge ESDS will consider network and security components at minimum at Implementation phase. | 1. No separate line item is mentioned in BoM by MSETCL. 2. It is meant for interanl testing of application during migration of MSETCL applications. |
| 2 | 1.9 Security: | Technical Specification_nonSAP Page no 6 | | Kindly confirm any other security component is required apart from the mentioned in RFP - Firewalls, Intrusion Detection, Anti-virus, DDos Protection, VAPT ? Please confirm do we nedd to consider them in HA too? | As per Tender specifications |
| 3 | Sizing Queries | | | Kindly acknowledge.The BOQ provided in the RFP contains instances from both the DIT cloud and co located infra? If not then please provide the sizing for the same ? Also mention the physical to virtual core ratio? | As per Tender specifications |
| 4 | Sizing Queries | | | Kindly acknowledge. If there was any Link termination at your Site (MPLS/P2P). Do we need to consider it for cloud infra. | As per Tender specifications |
| 5 | Sizing Queries | | | Kindly mention the firewall and vloadbalancer throughput to consider ? | As per Tender specifications |
| 6 | Sizing Queries | | | In the Sizng some APP+DB instances doesn't have DB mentioned for them . Please mention the Database to consider along with the edition and version? | DB type will be decided later for development enviornment by development team separately. |
| 7 | Sizing Queries | | | In the Sizing OS management count is considered 1, ESDS is going to considerd the count as per the amount of OS to be managed. | OS Management is to be provided for all OS instances. Cummulatively it is considered as 1 no. of service. |
| 8 | Sizing Queries | | | As per the sizing there is mentioned Windows server Enterprise edition 2016 or latest. As Windwos server doesn't have a Enterprise edition please mention which wdition is to be considered? | Windows server Standard Edition is to be considered. |
| 9 | Sizing Queries | | | Kindly confirm if Linux VM will be requiring Antivirus? | As per Tender specifications |

| 10 | Sizing Queries | | | Please provide Server sizing with IOPS mentioned per TB for OLTP Workload and Non-OLTP workload.(eg. 1000 IOPS/TB, 3000 IOPS/TB etc.)<br><br>Also kindly mention the IOPS required for the staging environment? | As per Tender specifications |
|---|---|---|---|---|---|
| 11 | Sizing Queries | | | Kindly Confirm the no of Internal users for accessing Cloud Portal? | As per Tender specifications |
| 12 | Sizing Queries | | | How many VPN users shall access the system. Please provide breakup of Windows VPN user and Linux VPN users. | As per Tender specifications |
| 13 | Sizing Queries | | | Kindly Confirm the no of Internal users for accessing Cloud Portal? | As per Tender specifications |
| 14 | Sizing Queries | | | How many VPN users shall access the system. Please provide breakup of Windows VPN user and Linux VPN users. | As per Tender specifications |
| 15 | -- | -- | Annexure G | Annexure G is not attached in Tender Document | Annexure G has been uploaded in Tender Document. Bidder to fill and submit the same. |