



Bangalore Electricity Supply Company Limited

(Wholly owned Government of Karnataka Undertaking)

No. BESCOM/GM (ICT&MIS)/DGM-IT1/BC-48/2020-21/5961
Email: gmit@bescom.co.in

Office of the
General Manager (ICT & MIS)
Ground floor, Belaku Bhavana,
BESCOM, K.R. Circle,
Bengaluru-01
Date: 3 FEB 2021

Expression of Interest

BESCOM is inviting Expression of Interest (EOI) for “Leasing of Data Center Space” at HSR Layout, Bengaluru.

1. INTRODUCTION:

BESCOM – Bangalore Electricity Supply Company Limited is responsible for power distribution in eight districts of Karnataka. BESCOM covers an area of 41,092 Sq. Kms. with a population of over 207 lakhs. BESCOM has adapted Information Technology as a tool to achieve its business objectives and has been using various IT applications viz Metering, Billing, collections, GIS, MIS, Master Data Management etc.

BESCOM has set up a Tier-3 Data center at HSR layout, Bangalore, Karnataka. The total server room allocated is approximately 215.00 sq. mtr. and the total area is ~592.52 sq. mtr. It is envisaged that the proposed DC shall facilitate consolidation of services, applications and infrastructure. Data Center will enable BESCOM to host services/applications on a common infrastructure leading to ease of integration and efficient management, ensuring that computing resources and the support connectivity infrastructure is adequately and optimally used. DC will have high availability, centralized authenticating system to authenticate the users to access their respective systems depending on the authentication matrix. The passive elements of the Data Centre have been installed within the data centre. As per plan, BESCOM will be utilizing ~07 racks for hosting servers, network devices, storage and other equipment and additionally ~05 racks for other BESCOM applications running from various other locations. BESCOM intends to lease out the remaining ~40 racks (42U) through this EOI.

2. SCOPE OF WORK:

Scope of Work includes Optimized Utilization, Provisioning & Maintenance, as applicable of the available DC space, and conceiving a suitable Revenue and operating model. The selected bidder may deploy and provision their own servers, storage and network for IT infrastructure hosting/ creation of private cloud on the racks provided by BESCO. The selected bidder shall be fully responsible for the commissioning and maintenance of the system and infrastructure provisioned by them. BESCO as the owner of the data center will be responsible for providing the ancillary or passive components of the data center. The Bidder will have the ownership of their own IT Infrastructure and will not have any ownership of the data center premise. The bidder would have to develop and propose a revenue & operating model for the available DC space on chargeable basis.

The other probable activities that might be required to be undertaken are mentioned below. The interested bidder must also present the approach for the same in their EoI responses.

- **Design Activity**

It is responsibility of the bidder to bring out all the necessary inputs that are required to design and to deploy their IT infrastructure. However, BESCO shall provide the DC passive elements that may be required by the bidder to develop and deploy their DC

- **Installation and commissioning Activities**

The response by bidder should indicate details of their plan, installation and commissioning activities and necessarily should have compliance to the following services:

1. Provision their server, storage and network equipment.
2. Maintain their software and application licenses, as applicable.
3. Manage and maintain their storage and backup system.
4. Setup and maintain their own network, equipment and ISP.
5. Install and commission their own servers, storage and network in the live co-location data center without hampering the working of the existing data center. Any downtime if required during the installation and commissioning of server's/ communication equipment to the new location will have to be approved by BESCO.
6. Ensure the availability of all LAN connections for their Servers and their users.
7. Ensure that their Service Provider/WAN links are to be managed by themselves during the downtime window.

8. To provide a detailed plan of activities envisaged as a part of the installation and commissioning process.
9. To forecast the available risk associated with the existing data center during the installation and commissioning of their data center.

- **Operations and Management of Data center**

The response by bidder should include a detailed requirement of the operations and management activities for the proposed DC.

1. Have ownership of their own IT Infrastructure only and they will not have any ownership of the Data center.
2. Any Hardware or software activity at the data center has to be planned in advance and should be informed to BESCO with proper schedule for approval.
3. The response shall include the desired SLA parameters in detail, as required from BESCO for the various passive elements of DC.
4. The response shall detail the requirement of compliances for the DC along with the details of certifications and compliance standards.

3. QUALIFICATION CRITERIA TO PARTICIPATE IN THE EOI:

The below points indicate the eligibility criteria for participating in this Expression of Interest:

- 3.1 The bidder should be a registered entity in India Under the relevant act from past 5 years. e.g. (Companies Act, 1956 or Companies Act 2013 or the partnership act or LLP 1932).
- 3.2 The bidder must have ISO 9001:2008 or latest Certificate and ISO 27001 certification.
- 3.3 The bidder should be a company experienced in setting up data centers for external entities.
- 3.4 The bidder is expected to have set-up and managed at least one Tier-3 data center operations for a minimum of 1 year.
- 3.5 The bidder company shall not be blacklisted by any government agencies/PSUs/ departments at the time of bidding.
- 3.6 The bidder should have a minimum turnover of INR 20 Crores for each of the last three financial years 2017-2018, 2018-2019 and 2019-2020.

The interested bidders shall submit their Response to Expression of Interest within 18.02.2021, 16:00hrs via email to eoicd@besc.com.co.in or to the office of the General Manager (ICT & MIS), Ground floor, Belaku Bhavana, BESCO, K.R.Circle, Bengaluru-01.

Qualifying bidder(s) shall be invited for the technical presentation.

BESCOM reserves the right to reject any or all the bid solutions without assigning any reasons thereof. BESCOM may cancel the EOI process at any time without assigning any reasons and upon such cancellation BESCOM shall not be responsible for any direct loss and damage arising out of such a cancellation.

A meeting of prospective bidders is convened on 09.02.2021 @ 11:30 am at this office of the General Manager (ICT & MIS), BESCOM, Ground Floor, Belaku Bhavana, Corporate Office, BESCOM, K.R.Circle, Bangalore-01.

For further information, contact:

- Deputy General Manager – Mobile No: 9449844850
- Assistant General Manager – Mobile No: 9480812461
- Manager – Mobile No: 9449868934



**General Manager
ICT&MIS, BESCOM**