



Office of the Sr. Dy. Director(EDP)
5th Floor, Administrative Building,
Willingdon Island, Cochin-682009

No. FIN/EDP/Cloud Infrastructure/2025

Dated: 06/02/2025

NOTICE INVITING BUDGETARY QUOTE

Cochin Port Authority (CoPA) is intending to invite Tenders from eligible Cloud Service Providers (CSP) for providing Cloud Infrastructure & Related services including Implementation and support for a period of one year extendable by one more year as per the format attached herewith containing the Bill of Quantities (BOQ).

I. Budgetary Quote are invited for providing Cloud as Infrastructure as a Service satisfying the following:

- i. The bidder should be empanelled with Ministry of Electronics and Information Technology (MeiTY), Govt. of India and STQC audited Cloud Service Provider (CSP), valid as on last date of bid submission.
- ii. The bidder should have its own Data Centre and Disaster Recovery Centre operational in different seismic zones in India. The proposed STQC certified Data Centre and Disaster Recovery Centre facility should be connected on high capacity fiber bandwidth to provide P2P replication between Data Centre and Disaster Recovery Centre
- iii. The bidder should be SAP certified for Hosting Services/Cloud Services.
- iv. The bidder should be certified by competent auditing authority for ISO 27001, ISO IEC 27017:2015, ISO: 27018 valid as on the date of bid submission.
- v. The bidder should have at least two numbers Tier III/IV data centers operational in India conforming to minimum Tier III standard, certified under TIA 942 or Uptime Institute Certification valid as on the date of bid submission.
- vi. The bidder should have at least two Internet service providers terminating their fiber into the proposed data center for connectivity.

II. Present system implemented in CoPA

Cochin Port Authority has implemented its SAP & non SAP application during 2009 and all the SAP & Non SAP application has been moved to Cloud Infrastructure in 2019 and at present operated in Cloud.

III. Brief Scope of the Work

- CoPA intends to have a virtualized private cloud architecture solution to migrate the existing SAP Application and the non SAP Application (POS) presently in Cloud Architecture to the new Cloud environment including storage & backup.
- The CSP shall provide infrastructure and services for the DC & for the Client site (CoPA).
- The various requirement of CoPA includes:
 - Physical Servers
Infrastructure as a Service (IaaS) for CoPA SAP Suite on HANA (SoH) (Production, Quality & Development) & Non SAP (Production, Quality & Testing for the POS) landscapes.
 - Software (OS & Virtualizations)
SAP software will be provided by CoPA. The infrastructure at DC will be owned and managed by the bidder/ Service Provider. SUSE Linux Enterprise Edition 12.X or 15.X (For all Instances) & MS Windows 2016 SE.
 - Storage & Backup
Backup Solution (including storage thereof) for Server including OS, Application & database.
Administration, tuning, optimization, planning, maintenance, and operations management for backup and restore;
Provision capacity for backup and restore, as required. Network, Security & Hosting Services

High Availability, Domain SSL wild card, SSL VPN, Antivirus for servers & storage devices as per the BOM.

Also, the CSP has to extend the managed services for Cluster Management, Operating System Management, Security Services (Firewall, WAF, SIEM, DDoS), Cloud Infrastructure monitor, Managed Load Balancer for POS Application.
N/w Services: Load balancer, Public IPs, Network device management software
 - On Premises Equipments
The CSP have to be provided 2 number of manageable network switch (CISCO), Firewalls 2 nos in HA including subscription for 2 years & MPLS termination in the CoPA premises.

IV.All prospective bidders are requested to submit the budgetary quote in the BQ format Annexure – I (attached herewith) by way of mail on or before 13.02.2025.

Encl / Annexure:
(i) BQ Format

Sd/-

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