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## **RFP for Implementation of Directory Services for Windows and Linux Endpoints and Servers**

**Ref No. LIC/CO/IT-BPR/LDS/2019-20 Dated 25.11.2019**

# Agenda

- RFP Activity Schedule
- Bidding process
- Bid submission
- Eligibility Criteria
- Architecture
- Policies Implemented
- Scope of work
- Project Timelines
- Indicative Commercial bid
- Questions

| Sl. No. | Activity                                        | Details                                                                                                                                                                                                       |
|---------|-------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1       | Last date and time for receiving queries on bid | 6 <sup>th</sup> December 2019, 5:30 pm                                                                                                                                                                        |
| 2       | Last date and time for submission of bids       | 19 <sup>th</sup> December 2019, 3:00 pm                                                                                                                                                                       |
| 3       | Eligibility Bid opening date, time and venue    | 19 <sup>th</sup> December, 2019 (Thursday), 3:10 pm Venue: LIC of India, Central Office, IT Department, Jeevan Seva Annexe 2nd Floor, S V Road, Santacruz(W), Mumbai – 400 054.                               |
| 4       | Web site                                        | <a href="https://www.licindia.in/Bottom-Links/Tenders/RFP-For-Directory-Services-for-Windows-and-Linux-E">https://www.licindia.in/Bottom-Links/Tenders/RFP-For-Directory-Services-for-Windows-and-Linux-E</a> |
| 5       | Contact email id                                | lds.bid@licindia.com                                                                                                                                                                                          |



## Bidding Process

- **Stage 1 – Eligibility and Technical Bid Evaluation**

Initially the Pre-contract Integrity Pact, Eligibility bids and Technical bids will be opened and evaluated.

- **Stage 2 – Commercial Evaluation**

Indicative commercial bids of Technically qualified bidders will be opened.

- Selection of L1 bidder will be done through Online Reverse Auction

## Bidding Process – Bid submission

- Envelope 1 – Eligibility and Technical Bid
- Envelope 2 - Indicative Commercial Bid

All envelopes and CD should then be put in a single bigger envelope

For details refer Section 2.14 of RFP

## Eligibility Criteria (Slide 1)

- Bidder should have implemented and maintained Directory Services solution for Windows/ Linux in at least one organization with minimum 1000 endpoints each, in the last five Financial Years in the specific delivery method i.e. on premises, in India. The start date/ Purchase Order Date and the Completion/ Go-Live Date should fall within the five Financial year period.
- The proposed Directory Services for Linux should have been implemented and be live with 10,000 or more connected Endpoints with at least 5 desktop policies in one organization during the last five Financial Years.



## Eligibility Criteria (Slide 2)

- Bidder should be a OEM certified Partner and as such duly authorized to sign Agreement with OEM and to supply OEM's products and should have back to back support agreement with OEM
- Bidder must have minimum annual revenue of Rs. 10 crores in each of the last three financial years (2016-17, 2017-18, 2018-19)
- The bidder should be profit making in any two out of the last three financial years.
- The bidder should have any of the following certifications – CMMI Level 3/ ISO 9001

## Present Architecture

- There is a Root Domain Controller at Vile Parle, Mumbai and additional domain controllers at several sites for local user authentication and mailing CAS servers.
- There is no trust with any other domain to licindia.com.
- Both Domain and forest functional level is Windows Server 2003
- All FSMO roles owned by Root Domain Controller
- Domain licindia.com. Active Directory structure: Windows 2008 Server Std; Single domain, single forest, Zone wise OU of email users objects, 1 RDC replicated to 10 ADCs.
- **Active Directory will be migrated to the latest version.**



## Architecture

- Required solution with 99.5% uptime with following considerations:
  - **Centralized** Architecture
  - At LIC Data Centre at Vile Parle, Mumbai with High Availability, Automatic Failover and Disaster Recovery at Mumbai/ Pune/ Bangalore.
- Software and software licenses when being proposed should take into consideration software licenses already procured by LIC as given below which can be used for implementation of this project:
  - RHEL Server licenses – Enterprise license (Perpetual)

## Policies Implemented

- Disable CD-ROM autorun and the drive
- Firewall GPO - Disable Windows firewall and enable CAV firewall to prevent conflict
- Hide Games
- Hide Network Places from desktop
- Internet Explorer - Maintenance
- Provide Local Admin Rights to Administrators
- Software Restriction Policy
- Remote Desktop enable policy
- Screen lock if the system remains idle for 10 minutes
- User Account lockout for 30 minutes, after 5 wrong password attempts
- Password Policy – Complexity, Change password after two days, password expiry after 60 days, disallow last 5 passwords



## Scope of Work

- Management of Domain, group policies, access control, etc for Windows Endpoints and Servers using Active Directory.
- Supply, Implementation and Maintenance of Hardware, Software including all licences which may be required in Centralised Architecture on Premises in Capex Model with HA and DR for **Directory Services for Linux Endpoints and Servers**.
- Blocking of USB ports based on device and any other new policies which may be required to be implemented during the project period.
- The Software for Directory Services Solution should comply to the Technical and Functional Specifications as given in Annexure V.
- The servers proposed in the solution should be 1U or 2U Servers of latest configuration. The bidders can propose Converged/ Hyper converged Infrastructure.
- The successful Bidder has to provide the services of **two** onsite Engineers for maintenance of Active Directory and, the services of **four** onsite Engineers for maintenance of Directory Services for Linux.
- The project period will be six years.



## Project Timelines

| S. No | Activity                                                                            | Delivery Schedule                                               |
|-------|-------------------------------------------------------------------------------------|-----------------------------------------------------------------|
| 1     | The details of information required from LIC                                        | Within 1 week from the date of Purchase Order or Contract       |
| 2     | Submission of Detailed Scope of Work and Implementation Plan                        | Within 1 week from the receipt of information required from LIC |
| 3     | Deployment of 2 on-site Engineers in Mumbai for management of AD                    | Two weeks from the date of Purchase Order or Contract           |
| 4     | Delivery of Hardware - For Linux Directory Services                                 | 8 weeks from the date of Purchase Order or Contract             |
| 5     | Delivery of Software – For Linux Directory Services                                 | 8 weeks from the date of Purchase Order or Contract             |
| 6     | Implementation, Integration, Project completion period for Linux Directory Services | 20 weeks from the date of Purchase Order or Contract            |
| 7     | Deployment of 4 more on-site Engineers in Mumbai                                    | At Go-live of Linux Directory Services                          |



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# Indicative Commercial Bid Template

|                                                                                                                                               |    | Details                                                                      | Price |
|-----------------------------------------------------------------------------------------------------------------------------------------------|----|------------------------------------------------------------------------------|-------|
| <b>For Windows endpoints and Servers</b>                                                                                                      |    |                                                                              |       |
| 1                                                                                                                                             | A1 | Onsite resources cost per year (Total for 2 persons)                         |       |
|                                                                                                                                               |    | Total ( <b>T1</b> ) = $A1 * 4.99271$                                         |       |
| <b>For Linux endpoints and Servers</b>                                                                                                        |    |                                                                              |       |
| 2                                                                                                                                             | A2 | Hardware                                                                     |       |
| 3                                                                                                                                             | B2 | Software                                                                     |       |
| 4                                                                                                                                             | C2 | Implementation, Migration                                                    |       |
| 5                                                                                                                                             | D2 | Onsite resources cost per year (Total cost for 4)                            |       |
| 6                                                                                                                                             | E2 | Support charges for software per year                                        |       |
| 7                                                                                                                                             | F2 | Total AMC Charges for Hardware for 1 year after 5 year warranty period       |       |
|                                                                                                                                               |    | Total ( <b>T2</b> ) = $A2 + B2 + C2 + D2*4.99271 + E2*4.99271 + F1*0.680583$ |       |
| <b>TCO = T1 + T2</b>                                                                                                                          |    |                                                                              |       |
| NPV of Onsite Resource cost, Support charges for 2nd, 3rd, 4th, 5th and 6th years and AMC for 6th year discounted at 8% to arrive at the TCO. |    |                                                                              |       |

# Questions





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Thank you