

Reserve Bank on India
Department of Information Technology

Supply, Installation and Operationalisation of Video Conferencing facility for Reserve Bank of India : Pre-Bid meeting summary

The Pre-bid meeting was held on August 17, 2005 at 3 PM in the Conference room, 15th floor, RBI, Mumbai to clarify Tender provisions to the Bidders before the submission of the sealed bids to avoid ambiguity. Shri. A S Meena, General Manager, DIT presided over the meeting. The list of participants is annexed. Shri. A S Meena welcomed the participants and gave brief overview of the project.

The following is the summary of the meeting:

1. Bidders were informed that they should submit Technical and Commercial Bids, **separately** in sealed covers. The Bidder should enclose two separate CD's, one for Technical Bid and second for Commercial Bid. **The CD in Technical Bid folder should contain the Technical details ONLY. The CD in Commercial Bid folder should contain the Commercial details ONLY.**
2. Pertaining to Eligibility criteria, Bidders were informed that they should have experience of successful completion of at least two Video Conferencing project of similar kind (A project involving external MCU and multiple End points) either within or outside the country during last 2 years. If required, Bidder will have to arrange visit to the reference sites.
3. The Bidders were informed that the RBI is open to all the brands meeting the specifications and requirements mentioned in the Tender Document.
4. Project plan and solution architecture have to be submitted along with the Technical bid. Bidders should clearly detail out the Total Solution architecture they are proposing for the RBI and clearly indicate how the requirements detailed by RBI (functional and performance) are being met. The items in the bill of materials (at least at the subsystem level) should be related to the elements of the solution architecture.
5. The LAN and WAN (INFINET) diagram of the Bank is attached as II-A and II-B respectively. All Bidders will have to submit detail Network Architecture diagrams that addresses the functional, business & security requirements detailed.
6. Annexure III (List of all RBI locations), item 7 for Bankers Training College should also be provided with End point Equipment with multi-conferencing.
7. **Web Conferencing (Annexure IV):** Bidders to offer Web Conferencing as a part of Total solution as per the Tender document. Web Conferencing should provide for any participants with basic audio-video facility to join the Video Conference from World Wide Web / WAN / LAN. User should be authenticated prior to joining

the conference. List of ports to be opened for the same on Network should be separately mentioned and ensure that it won't impact Network security

8. On the query of the Bidders, they were informed that training colleges of the RBI presently don't have e-learning packages. As and when required in future, Bidders should integrate the same.
9. Total Solution should have dynamic Layout and sizing facility.
10. Bidders were clarified that Present-Presenter mode under clause 3.7 of Tender Document is applicable for both PC/Laptop and Document Camera. The duo video should be supported on single as well as on two screen.
11. Instead of Path Navigator software mentioned in Clause 3.11 of Tender Document, Bidders should read it as Gatekeeper.
12. Bidders were informed that they have to provide the MCU with 16 IP sites @ upto 768 kbps and 8 ISDN sites @ 384 kbps. Further, **Bidders have to explain as to how the MCU would be scalable to 80 sites.**
13. The bidders shall give standard Ethernet interface of 10/100 Mbps on MCU, instead of 10/100/1000 Mbps Ethernet (IP) as stated in the Tender document. Further, Bidders have to provide PRI/E1 ISDN port and card on the MCU.
14. Bidders were informed that they have to provide T.120 card in MCU as per the Tender Document.
15. Bidders were informed that any site should connect at different bandwidth and different standard protocol (Audio and Video) and they all should be a part of one video call without going down to lowest bandwidth and protocol (Audio and Video) for both MCU and End Points.
16. Bidders were informed that PTZ Camera (Annexure V) must be detachable and should have track-to-preset features and if possible voice activated facility as well.
17. End Point Equipment should have XGA Video Output as per the Clause 2.4 (c) of Annexure V of Tender Document.
18. Bidders were informed that Front End Projection System and Document camera should have Display / Resolution of XGA standard with upward compatibility up to UXGA / SXGA.
19. Bidders should offer digital TV Tuner card for Plasma Screen.
20. The Video Conference Recorder (VCR) should be provided for recording video-audio and slides from standard Video Conferencing equipment and stored in digital format. The content can be streamed live or played back on demand to a PC or any Video conferencing endpoints. **Should record up to simultaneous 5 Video-audio conferences.** Correspondingly, in lieu of Clause 6(e) Annexure V,

Bidders should provide End Point with audio-video streaming multicast facility for client with web browser.

21. The Audio Speaker system of 150 W should be provided for Conference Room.
22. Regular diagnostic test for checking operational readiness of all the sites, with a pre-approved checklist, needs to be maintained and carried out by the resident engineer from the company as a part of regular maintenance and operation of Video conferencing Solution.
23. Baseline course content proposed for the training has to be provided along with the technical bids.
24. The “**maintenance**” of the Total solution wherever it appears in Tender Document should be taken as “**maintenance and operations of Video Conferencing Solution**”.
25. Clause 8.5 should be read with clause 18 “Acceptance Test” of the Tender Document. The Acceptance Test will involve acceptance of Integrated Total Solution of Video Conferencing facility for the RBI. Acceptance test document for carrying out acceptance of Integrated Total Solution of Video Conferencing facility for the RBI needs to be submitted as a part of Technical Bid. As a part of the technical bid the Bidder must include the major steps of the acceptance test plan he proposes to implement. The selected Bidder is required to work out a detailed acceptance test plan in consultation with RBI covering individual subsystems and the integrated total solution.
26. Clause 10.7 **Maintenance charges for Hardware and System Software** should be read as “**Maintenance charges : Hardware, System Software and its operations**”
27. The Bidders were informed that the payment terms mentioned in tender document will remain same. As per the clause 14.1 of Tender Document, Bidders were clarified that they will have to pay interest at rate of PLR of SBI on the advance taken, till the acceptance of Total integrated solution by the Bank.
28. Bidders were informed that the price quoted should be inclusive of all Central/State Government levies, taxes, sales tax, excise duty, custom duty, insurance charges, etc. excluding Octroi/Entry Tax, which, if any, shall be paid as per the actual on production of relevant documents, in original.
29. It was clarified that the final clarifications will be posted on the Bank’s website.

The Pre-bid meeting ended with the instructions to all the Bidders that there should not be any ambiguity in Price quotation and they must not quote the prices in terms of percentage anywhere in the commercial quote. It has further stated that the Technical Bid should not contain any price indication, in any means.

List of Participants:

- 1) Shri A S Meena GM, RBI
- 2) Shri. S Y Shende AGM, RBI
- 3) M/s TPDPL Ltd.
- 4) M/s Tandberg Ltd.
- 5) M/s HCL INFINET Ltd.
- 6) M/s ZTE Ltd.
- 7) M/s SEC Communication Ltd.
- 8) M/s SPANCO Ltd.
- 9) M/s SIEMENS Ltd.
- 10)M/s Godrej Ltd.
- 11)M/s Total Presentation Devices Ltd.
- 12)M/s Integra Ltd.
- 13)M/s Five Codian Ltd
- 14)M/s NDPL Ltd.