

# INDIAN INSTITUTE OF TECHNOLOGY GOA

At Goa Engineering College Campus  
Farmagudi, Ponda, Goa 403401  
E-mail: [purchase@iitgoa.ac.in](mailto:purchase@iitgoa.ac.in)

---

Enquiry No: IITGOA/2019-20/013

Date: 09/07/2019

## Corrigendum to the Tender for supply of Hybrid EPABX system with 50 IP Phones and perpetual smart phone licenses vide Enquiry No. IITGOA/2019-20/013 dtd. 19/06/2019.

For the tender for supply of Hybrid EPABX system with 50 IP Phones and perpetual smart phone licenses at IIT Goa, the following clauses / paragraphs have been modified:

All sealed quotations labelled as “Quotation for EPABX Hybrid system” must reach to the Assistant Registrar (Stores & Purchase), IIT Goa, at Goa College of Engineering Campus, Farmagudi, Ponda, Goa by 17.00 Hrs on or before 22<sup>nd</sup> July, 2019”.

1.	<b><u>Communication System Architecture:</u></b>		
	<ul style="list-style-type: none"><li>The communication system should be latest state of art new generation SIP based for converged IP telephony deployment.</li></ul>		
	<ul style="list-style-type: none"><li>The architecture of the System shall be capable of seamless migration to its maximum capacity by simply adding peripherals cards in the same chassis without compromising function/features of the system. The architecture could be stackable or non-stackable eliminating individual power supply for each chassis</li></ul>		
	<ul style="list-style-type: none"><li>The communication system shall have multiple port interfaces such as analog extension lines, digital key phone, IP Extension, C.O. Line, GSM/3G, E &amp; M Line, PRI/E1 and VoIP. All interfaces shall be in the form of expansion cards and can be plugged into the universal slots of the system as and when require in the future</li></ul>		
2.	<b><u>Communication System Capabilities:</u></b>		
	<ul style="list-style-type: none"><li>Support of session initiation Protocol (SIP) via session border controller or otherwise required to provide interface connection to ITSP and service providers</li></ul>		
	<ul style="list-style-type: none"><li>Support minimum 32 port Voice mail server, Voice mail server shall support features like call queuing, multi-language support, multiple MOH</li></ul>		
	<ul style="list-style-type: none"><li>The system shall support voice mail server on CPU with 500 hours of storage capacity and dedicated mailbox for each extension.</li></ul>		
	<ul style="list-style-type: none"><li>It should have built-in multi-party conferencing. It should have minimum 15 conference possible of 3-party. The maximum number of participants required in single conference would be 20 or better.</li></ul>		
4.	<b><u>Interface Connectivity:</u></b>		
4.1	<b><u>IP Trunk:</u></b>		
	<ul style="list-style-type: none"><li>The VoIP media gateway should not preferably consume any universal slot. Universal slots should be usable for TDM port expansion. VoIP may be implemented by plug and play daughter board on server card</li></ul>		
6.	<b><u>System Security :</u></b>		
	<ul style="list-style-type: none"><li>SMS and Email notification should be sent of all Activity and Fault logs to predefined minimum two mobile numbers and two Email respectively.</li></ul>		
9.	<b><u>System Features:</u></b>		

	<ul style="list-style-type: none"> <li>System shall support GSM card with Features like RCOC (Return Call to Original Caller), SIM Balance Check, BHCC selection, SMS notification on faults etc.</li> </ul>		
	<ul style="list-style-type: none"> <li>Last 50 unanswered calls made to external caller return back to original Caller.</li> </ul>		
	<ul style="list-style-type: none"> <li>The system shall have the inbuilt auto attendant facility and shall be able to answer minimum 5 calls simultaneously and should support dial-by-name.</li> </ul>		
	<ul style="list-style-type: none"> <li><b>Call billing:</b> Detail reports of all system parameters should be generated. External third party Billing software shall not be required for basic report generation. Reports shall be directly saved in PDF format. Facility of online and scheduled report also should be available.</li> </ul>		
<b>12</b>	<b>Networking and Security</b>		
	<b>Power Supply</b>		
	<ul style="list-style-type: none"> <li>Power Adapter - Included in the Box</li> </ul>		
	<ul style="list-style-type: none"> <li>Power over Ethernet.</li> </ul>		

\*\*\*All other items, terms and conditions remains unchanged.

**Sd/-**  
**Asst. Registrar (S&P)**