

**Proposal for providing Cloud Services for Bioinformatics Data Analysis
to
Gujarat State Biotechnology Mission, DST, GoG**

On behalf of Gujarat State Biotechnology Mission, GIL invites proposal for providing Cloud Services for Bioinformatics Data Analysis. GSBTM is an organization working on Genome Analysis, Genome Annotation and Bioinformatics. For different Bioinformatics projects, GSBTM requires specific Computational / Memory Intensive / IOPS Intensive resources to run various Bioinformatics softwares.

NOTE: For the purposes of this enquiry, 'Cloud' refers to Cloud Infrastructure-as-a- Service (IaaS).

Based on the estimated space, the specifications of the required Cloud Services is as under:

Specifications:

- CPU: Should be Intel E-5 2697 v2 Series or better
- RAM: Should be ECC DDR3 @ Minimum 1600 Mhz or better
- Storage IOPS: Storage should be provided with Minimum 50,000 IOPS or better
- OS: Biolinux / Ubuntu / RHEL

Financial Bid Format:

Sr. #	Description	License Mode	Qty.	Unit Price Including all taxes(INR)	Total Price Including all taxes(INR)
1	Resource Charges Per Week				
1.1	vCPU(Intel Xeon E-5 2697 v2 or higher)	Per Core	1		
1.2	vRAM Memory (1600MHz DDR3 or better)	Per GB	1		
1.3	vStorage –(High Performance minimum 50000 IOPS or better) – RAID 5	Per GB	1		
1.4	Internet Dedicated	Per MBPS	1		
1.5	Public IP	1 No / Per VM	1		
2	Operating System Options per Week				
2.1.a	Ubuntu / RHEL / Biolinux (without Enterprise Support)	Per OS / Per VM	1		
	Or				
2.1.b	Biolinux / Ubuntu / RHEL (with Enterprise Support)	Per OS / Per VM	1		

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Total			
3	Above rates are inclusive of installation, configuration, setup and support charges during the tenure of empanelment for a functional solution		

Terms & Conditions

1. GSBTM require resources as “On Demand” i.e. Quantity mentioned for resources in RFP may vary as per the requirement and GSBTM is not liable to pay for any minimum quantity.
2. Proposed solution should be able to run the above configuration at either on Cloud Service Provider’s India Datacentre facility or on GSBTM premises, the pricing should remain same for both the options. GSBTM will not pay any extra amount for same.
3. Cloud Service Provider should also be able to provide Cloud services as dedicated physical infrastructure either on Service Provider’s India Datacentre facility or at GSBTM premises.
4. The above rates should be inclusive of installation, configuration, setup and Support charges for provided Infrastructure during the tenure of empanelment for a functional solution. Payment shall be made only after signing a report for a particular billing cycle by GSBTM. GSBTM may ask for demo for the same resources for testing purpose.
5. In case of On Premise Cloud Services, GSBTM will provide the required Floor space, Power, Cooling, Electric and Network connectivity.
6. The Cloud Service Provider shall monitor and maintain the stated service levels to provide quality customer service to GSBTM. The Cloud Service Provider should provide support of 24/7, 365 days a year for Cloud services.
7. Expected minimum Uptime on facilities, grid, and networks equipment’s and till VM level is 99.98%.
8. Billing to be done on Weekly Basis. GSBTM will provide details of weekly resource requirement at least one week prior to the beginning of billing cycle.
9. Unit price shall remain fix and firm for 12 months from the date of empanelment.
10. Penalty at 1% of the total order value per hour will be levied in case of server down. However, in case of up gradation and maintenance of server, the service provider will have to inform in advance.

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11. If Cloud Service provider wants to bid through Authorized Business Partner, then Partner must have office in Ahmedabad / Gandhinagar and also shall attach Authorization letter of the Cloud Service Provider specific to this RFP.
12. The Cloud Service Provider should be able to offer minimum two tier Datacentres in geographically different locations in INDIA.
13. The Cloud Service Provider should possess ISO 9001, 27001 and 20000-1 Certifications.
14. Cloud Service Provider must have significant experience in providing requested services in the RFP and must have been recognized by internationally renowned third party analyst community like Gartner, Forrester, etc.
15. Bidder should have recorded an average revenue of more than INR 15 Cr in the last three financial years (and company should be profit making).
16. Payment shall be made within 30 days of receipt of Weekly invoice. Payment will be issued by GSBTM, Gandhinagar. No advance payment will be made.
17. Invoice price shall be inclusive of all taxes.
18. Cloud Service Provider should have been in business for at least Two Years in India providing IaaS Cloud services.

Last date for submission of the proposal: October 27, 2014 up to 1500 hrs.

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