



ODISHA GRAMYA BANK

Information Technology Department
Head Office, Gandamunda, P.O.-Khandagiri, Bhubaneswar

RFP Ref. No OGB/RFP/ITD/CBS/009/2021-22 dated 28th October 2021, Amendment_5 Date: 11-01-2022

AMENDMENT_2: REQUEST FOR PROPOSAL (RFP) TO SELECT SERVICE INTEGRATOR FOR MIGRATION OF CBS FROM FINACLE 7.0.18 TO FINACLE 10.2.25

All bidders are here by informed that the necessary amendments to RFP are provided in Table#1 for the queries received from bidders after publication of Amendment_3 dated 14-12-2021 and Amendment_4 dated 23-12-2021.

Table#1: Amendment_1

Sr. No.	Document Reference	Page No	Clause No	Description in RFP	Amendment
1	Section 3 – Scope of Work	26	2.14 Finacle 10.2.25 Upgrade / Migration responsibility	New Clause	Bidder should upload a pdf copy of “commercial bid format excel” along with the technical bid and it should be filled with the technical details and counts without any commercial details. The technical parameters and counts provided in pdf copy uploaded in technical bid and the excel file uploaded in commercial bid should not defer. Bidder should ensure proper sizing of the hardware and licenses.

Sr. No.	Document Reference	Page No	Clause No	Description in RFP	Amendment
					<p>Bank at its sole discretion may validate the sizing provided by the bidders in the technical bid, through EdgeVerve and this shall be done before opening of price bid.</p> <p>If the report of EdgeVerve demands for increment in any of the parameters including license counts mentioned in the technical bid, then bidder will have to provide required upgrade in the hardware sizing without any revision in price bid.</p> <p>The increment in the license count will be multiplied with the quoted unit price to arrive at a normalized TCO.</p> <p>Bank at its sole discretion may normalize the price bid quoted by bidders and will arrive at normalized TCO for selection of L1 bid. The normalized price so arrived will be based on the comparison of quantity only. There shall not be any revision of unit price quoted by the bidders.</p>
2	Amendment_2 Date: 03-12-2021	9	9 (4. Hardware Sizing)	11. The Hardware for UAT and Development should be sized as 30% each of production environment and should be without HA. The UAT and Development environment should be provided only at DC, Chennai.	<p>Minimum hardware sizing for UAT and Development should be as per following consideration:</p> <ol style="list-style-type: none"> 1. CBS and CSIS: 30% for UAT and 30% for development and both without HA @ DC 2. GST solution: 20% for combination of UAT and Development and both without HA @ DC 3. EKYC: Not required, it will run on DR hardware. 4. Aadhaar Data Vault: Not required, it will run on DR hardware.

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					<p>5. Invoice and contract Management: 20% for combination of UAT and Development and both without HA @ DC</p> <p>6. Internet Banking Solution: 30% for combination of UAT and Development and both without HA @ DC</p> <p>7. Data Archival Solution: 30% for combination of UAT and Development without HA @ DC</p> <p>8. No separate UAT, Development solution required for EMS, Antivirus like infra solutions.</p>

SECTION 1 - BID SCHEDULE AND ADDRESS (REVISED)

S.No	Description of Information/ Requirement	Information / Requirement	Information / Requirement (Revised)
1.	Tender Reference Number	OGB/RFP/ITD/CBS/009/2021-22	OGB/RFP/ITD/CBS/009/2021-22
2.	Date of Issue of RFP	28 th October 2021	28 th October 2021
7.	Bid Submission Mode.	Through e-procurement portal: https://odishabank.abcprocure.com/EPROC/	Through e-procurement portal: https://odishabank.abcprocure.com/EPROC/
8.	Last Date and Time for submission of bids along with supporting documents through the above	12 th January 2022 on or before 15:00 hours	28th January 2022 on or before 15:00 hours
9.	Last date, time and place for submission of Original Bid Cost (DD), Bank Guarantee towards EMD, Integrity Pact and Power of Attorney.	12 th January 2022 on or before 15:00 hours at the Bank's Information Technology Department, Head Office, Bhubaneswar. (Should be submitted to the contact officials in person).	28th January 2022 on or before 15:00 hours at the Bank's Information Technology Department, Head Office, Bhubaneswar. (Should be submitted to the contact officials in person).
10.	Date, time and venue for opening the technical bid.	12 th January 2022 at 16:00 hours at the Bank's Information Technology Department, Bhubaneswar.	28th January 2022 at 16:00 hours at the Bank's Information Technology Department, Bhubaneswar.
11.	Date, time and venue for opening the commercial bid	Will be intimated to technically short-listed bidders.	Will be intimated to technically short-listed bidders.
12.	Name of contact officials for submission of documents as stated in serial No.9 and for any enquiries.	B. K. Patra – General Manager S. S. Acharya – Sr. Manager IT A. Patra- Sr. Manager-IT	B. K. Patra – General Manager S. S. Acharya – Sr. Manager IT A. Patra- Sr. Manager-IT
13.	Address for Communication / Submission of Bids	The General Manager, Information Technology Dept., Odisha Gramya Bank, Head Office, AT- Gandamunda, P.O. – Khandagiri, Bhubaneswar – 751030.	The General Manager, Information Technology Dept., Odisha Gramya Bank, Head Office, AT- Gandamunda, P.O. – Khandagiri, Bhubaneswar – 751030.
14.	Contact officials for any clarification.	Mr. B. K. Patra – General Manager - 8169452301 Mr. S. S. Acharya – Sr. Manager IT - 9437285358 Mr. A. Patra – Sr. Manager-IT - 9886123436	Mr. B. K. Patra – General Manager - 8169452301 Mr. S. S. Acharya – Sr. Manager IT - 9437285358 Mr. A. Patra – Sr. Manager-IT - 9886123436
15.	Contact e-mail ID	procurement@odishabank.in	procurement@odishabank.in
16.	Contact details of Independent External Monitor	Name: Vinayaka Rao Turaga email: tvrao56@gmail.com	Name: Vinayaka Rao Turaga email: tvrao56@gmail.com

Table#2: Clarification on queries of bidders

Sr. No.	Bidder	Page No	Clause No	Description in RFP	Clarification Sought	Bank's Remark
1	Wipro	1 Table 2 Point no. 106	2.17	Migration Process	OEM(s) to provide and validate the sizing sheet according to the projections provided by the bank and submitted by the Bidder. Bidder is required to submit the Sizing Adequacy letter from the application OEM(s) for the below mentioned applications: 1. CBS including CSIS 2. GST Solution 3. EKYC 4. Aadhaar Data Vault 5. Invoice and contract Management 6. Internet Banking Solution 7. Data Archival Solution	Amendment: Refer to Amendment_5, point# 1
2	Wipro	50, 51	4	3. All instances and physical servers under "Part A" should be placed in LAN zone only. 4. The database instances under "Part B" should be placed in LAN zone only. However, the application VMs under "Part B" can be placed in either LAN or DMZ zone. The hardware should be factored to meet the above security requirements.	As per our understanding of this clause, we can have shared hardware for web, application and database for Part A solution. There is no need of separate physical hardware for Web, Application and Database instances. In part B solution we have Application and Database servers only and both will be reside on single LAN zone. Kindly confirm our understanding for Part A and Part B zone architecture.	Clarification: For "Part A", bidder may provide separation of servers either at physical level or at virtual level. For "Part B", bidder should provide physical server(s) having sufficient network interfaces to put the VMs either at LAN or at DMZ. The placement of VMs in LAN or DMZ will be decided by bank at the time of use of the same.
3	Wipro	18 and 9, 43	"2.5 UAT	RFP: 2.5 UAT – User Acceptance Testing a. UAT instance to be provided on Virtual Machines (VM) for i. CBS ii. Payment interfaces iii. Staging Server for Ancillary Services	As per our understanding, we have to provide minimum hardware sizing for UAT and Development as per following consideration: 1. CBS and CSIS: 30% UAT, 30% Development and both without HA @ DC	Amendment: Refer to Amendment_5, point# 2

Sr. No.	Bidder	Page No	Clause No	Description in RFP	Clarification Sought	Bank's Remark
				<p>b. All UAT VMs to be either provided in DC or DR locations.</p> <p>Amendment2: Clarification: 9 New Clause: 11. The Hardware for UAT and Development should be sized as 30% each of production environment and should be without HA. The UAT and Development environment should be provided only at DC, Chennai.</p> <p>Amendment2: Clarification: 37. Separate UAT for Aadhaar Data Vault is not required. Bidder should use the Aadhaar Data Vault of DR site for UAT.</p>	<p>2. GST solution: 30% UAT, 30% Development and both without HA @ DC</p> <p>3. EKYC: 30% UAT, 30% Development and both without HA @ DC</p> <p>4. Aadhaar Data Vault: Not required, it will run on DR hardware.</p> <p>5. Invoice and contract Management: 30% UAT, 30% Development and both without HA @ DC</p> <p>6. Internet Banking Solution: 30% UAT, 30% Development and both without HA @ DC</p> <p>7. Data Archival Solution: 30% UAT, 30% Development and both without HA @ DC</p> <p>8. No separate UAT, Development solution required for EMS, Antivirus like infra solutions.</p> <p>Kindly confirm our understanding for UAT & Development minimum hardware sizing requirement.</p>	
4	Wipro	69 and 9	SR. No. 37"	<p>RFP: System up-time requirement - The bidder has to maintain guaranteed minimum uptime of 99.90% for all systems supplied under this RFP to avoid any business disruption due to breakdown of system or degraded performance impacting business or unavailability of data. The calculation of uptime will be on monthly basis.</p> <p>Amendment2: Clarification 10: 2.8 Architecture</p>	<p>As per amendment we have to provide High availability solution at DC & DR for CBS for which the solution can achieve 99.90% uptime. For Internet Banking and other all applications without High availability (Compute and Load Balancer) at DC & DR site for which it will not be possible to achieve 99.90% uptime. As per our understanding, we have to provide load balancer in HA @ DC & DR for CBS and without HA @ DC &</p>	<p>Clarification: Bidder should maintain guaranteed minimum uptime of 99.90% for all systems having HA. For other solutions without HA, bidder need to achieve near 99.90% (expected is 99.00%) by redirecting the same from alternate site.</p>

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				<p>AVAILABILITY:</p> <p>1. CBS should be in active-active with HA cluster at Both DC and DR using two load balancers at each site and active-passive between DC and DR.</p> <p>2. Internet banking solution should be in active-active with HA cluster at DC and DR using one load balancer at each site and active-passive between DC and DR.</p> <p>3. All other applications should be in standalone at DC and DR without HA and in active-passive between DC and DR. On failure of DC site, the application hosted at DR site should be pointed to CBS at DC for the period of restoration of the application at DC site.</p>	<p>DR for other applications (IB, KYC, Tools, ADV etc.). Kindly confirm the same.</p> <p>Solution recommendation is not align with SLA requirement. Suggest you to reduce SLA value for non CBS applications as we don't have to propose High availability solution.</p>	
5	Wipro	28	8.9	<p>Additional Clause: Bidder can propose for either blade servers or rack servers. However, the server proposed should have</p> <p>1. Redundant and hot swappable power supply with dual in mount SMPS.</p> <p>2. Redundant network cards, HBAs and the cards should be minimum of 10Gig.</p> <p>Bidder should provide TOR switch for connectivity of all servers in the Rack. The TOR switch should connect to Bank's core switch / Firewall using Gig bit Ethernet port in network rack of Bank.</p>	<p>As per our understanding we have to provide TOR switch to connect our proposed server solution with Bank's Core switch. Kindly let us know the ports available on Core switch to connect with TOR switch like 10G/25G/40G/100G and Copper/SFP+ connectivity. As per our understanding Bank will provide SFP at Core switch along with any configuration required on core switch</p> <p>As per our understanding bank's existing out of band management switch (1Gbps Copper) will be used to connect with new proposed hardware from bidder.</p> <p>Kindly confirm the same.</p>	<p>Clarification:</p> <p>Bidder should provide separate TOR switches for LAN and DMZ and the TOR switches should be in cluster.</p> <p>Bidder should connect the TOR switches to Juniper SRX 550 core Firewall cluster using fiber media.</p> <p>The fiber SFP for SRX 550 to be provided by bidder.</p>
6	Wipro	5	36	<p>*Note: Bidder can opt to propose and quote for Windows Server Datacenter Edition with SA to meet the above requirement of VMs in place of Enterprise Edition OS as per the</p>	<p>As per our understanding, Part B - VIRTUAL ENVIRONMENT FOR NON-CBS APPLICATIONS (PART B) bidder has to supply server and storage as per</p>	<p>Clarification:</p> <p>Bidder has to provide manage services for this Server, Storage, VMs</p>

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				<p>design proposed by the bidder.</p> <p>b. Bidder need not to provide or factor for database licenses. The database licenses wherever required will be procured and provided by Bank.</p> <p>c. Bidder can propose any kind of VM solution as best suited like KVM, VPAR, LPAR, Hyper visor, VM Ware, etc. However, in case of installation of Microsoft SQL, PostgreSQL, Mongo DB and MySQL databases in some of the VMs based on few numbers of core count, the VM solution should allow the same, without any license conflict.</p> <p>d. The management of these infra will be under scope of the bidder.</p> <p>e. VM sizing should be done as per requirement of the Bank based on applications to be installed. This sizing requirement of VM will be provided by Bank. Bidder should engineer the VM accordingly.</p> <p>f. The administrative user access should be provided to Bank.</p> <p>g. The security controls of these VMs will be under scope of the bidder.</p> <p>h. Bidder should provide a centralized console for monitoring and management of VMs for A1 and A2 servers at DC and DR.</p> <p>i. The periodic Backup of these VMs either as VM image or as incremental backup, using tape library will be under scope of bidder. Bidder should factor for required backup licenses for all VMs.</p> <p>Note: In the RFP and Amendments, the scope of b. Bidder need not to provide or factor for database licenses. The database licenses wherever required will be procured and</p>	<p>specification. Bidder has to supply virtualization solution along with MS Windows operating system (KVM, Hyper-V, Oracle VM for x86, VMware etc. - all virtualization solution are certified by banks application vendor).</p> <p>For the supplied VM, bidder has to implement hypervisor & operating system and bank will implement the application & Database solution on it. Any storage based replication will be implement by bidder and application/database level replication will be implement by bank.</p> <p>Bidder has to provide manage services for this Server, Storage, VM and Operating system as per standard SLA and 99.90% SLA is not applicable to Part-B solution.</p> <p>Kindly confirm the same.</p>	<p>and Operating system as per standard SLA and near 99.90% SLA shall be applicable on VMs availability.</p>

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