बैंक ऑफ महाराष्ट्र
Bank of Maharashtra
एक परिवार एक बैंक

With reference to RFP Ref No 40/2023-24 (GEM/2023/B/4386600) dated 22.12.2023 published on GeM portal and our website https://www.bankofmaharashtra.in.

Last date of sale of tender document and last date for bid submission is revised as under:

Last Date and Time for receipts of tender offers	20th February 2024 up to 17:00 hrs.
Time and Date of Opening of technical bids	20th February 2024 up to 17:30 hrs.

Following terms stands revised:

Sn	Page	Existing Term as per Corrigendum 2	Revised Term
1	Page 209	**ANNEXURE 26: PROJECT TIMELINES** **Clause as per RFP** Total upper limit for completion for all the phases is 12 Months. If, however, the delay is caused by any action pending from the Bank end, the corresponding\ period will not be considered while calculation of delay period. **Further, Bank may consider realignment of timelines up to 6 weeks' subject to request from an successful bidder with proper justification.**	**ANNEXURE 26: PROJECT TIMELINES** **Revised Clause** Total upper limit for completion for all the phases is 12 Months. If, however, the delay is caused by any action pending from the Bank end, the corresponding\ period will not be considered while calculation of delay period. **Further, Bank may consider realignment of timelines up to 6 Months subject to request from an successful bidder with proper justification.**

Please refer Annexure – I wherein few additional clarifications are included for more clarity of the bidder based on queries received post pre-bid meeting.

Note- Except changes mentioned above and as part of pre-bid responses, there is no change in any clauses, terms & conditions of the RFP document

Please note – Bid submission will happen online on GeM Portal. It is bidder's responsibility to ensure appropriate registration under GeM portal for successful bidding. Bank will not be liable for non-submission of bid by the bidder due to technical or any other issue faced by the bidder during bid submission.

Sd/-
Deputy General Manager IT

Annexure – I : Clarifications

1. Will bank give Business Rules engine and we just need to integrate with your engine? (If bidder has to provide rules engine, the requirements/scope are not clear)
   Response - > Business Rule Engine will be provided by the Bank

2. Which Application Monitoring Tool does Bank use right now? Can we integrate with the same tool for APM OR we have to provide a new tool?
   Response - > Bank will extend / Provide APM tool and bidder will be required to integrate the solution.

3. Will bank provide software for back-up as part of infrastructure?
   Response - > Bank will extend its Backup infrastructure.

4. We understand that bank is requesting 5 L1 resources 24/7, 3 L2 resources for 1 general shift and 1 DBA resource for 24/7 to take care of Infra + Application managed services. Please confirm our understanding.
   Response - > Bidder is required to factor resources to support the proposed application as per Service Levels. Bank will provide IT Infrastructure i.e. VMs with OS installed and network segments as per discussion with bidder. Support for the components beyond OS is to be provided by bidder including Onsite resource required if any.

5. Please confirm how many consumers out of 55 lakh registered users are on Mobile App at present? We can estimate mobile app growth as per this.
   Response - > This information will be shared with successful bidder only

6. Please confirm how many corporate users out of 125,000 registered users are on Mobile App at present? We can estimate mobile app growth as per this
   Response - > This information will be shared with successful bidder only

7. UAT: It's not clear whether bank will manage UAT in its entirety or bank expects bidder to manage it. RFP Page 114 – statements are ambiguous. Point a) says Bank shall conduct UAT, but points like c), d), f) etc. mean that Bidder will be actively doing the UAT. Pls clarify to estimate the efforts and costs at our end
   Response - > Bank will perform UAT, Non-functional testing like Load Testing, Resilience testing, Benchmark Test, System Testing etc. to be performed by the bidder in co-ordination with Bank

8. Infrastructure: We understand that the bank will give the HW infra. Wanted to double-check on who will do the HW installation w.r.t. setting up the required environments such as SIT, UAT, Prod etc. (meaning slicing of the environments from installed Infra)

   Response -> Bank will provide IT Infrastructure i.e. VMs with OS installed and network segments as per discussion with bidder. Support for the components beyond OS is to be provided by bidder including Onsite resource required if any.

9. Are the Corporate Banking requirements intended to be incorporated within the same Retail app? If so, could you elaborate on the envisioned functionality and interaction of the app?

Response -> Corporate banking and retail banking will be different apps

10. How crucial are the Corporate banking requirements to the overall strategy of the app?

    Response -> Corporate banking is crucial

11. Considering that the inclusion of Corporate banking requirements may escalate both the overall effort and implementation time, could you shed light on the significance of these requirements in the app's roadmap?

    Response -> Corporate Banking is crucial

12. Specifically, for requirements related to Trade Finance, Collections, and Bulk Upload, could you provide insights into what aspects need to be covered at the channels side, and what elements are managed through third-party involvement?

    Response -> Integrations with existing banking systems and third parties is expected.

13. Is the customer planning to provide a separate VMware Cluster for this project
    Response -> Bank does not prefer to provide separate VMware Cluster. However, the same may be discussed with successful bidder based on proposed solution architecture.

14. Does the customer have a container aware Backup solution
    Response -> Bank has Backup Solution in place, which supports the container workload backup.

15. Will the customer provider a centralized Harbor registry
    Response -> Yes but bidder will be required to maintain the same for their project

16. Does the bank have Object Storage, this is required if Harbor and Valero needs to be deployed as Part of Tanzu Platform

    Response -> No

17. Does the Bank have AVI Enterprise licenses to deploy Ingress, if not Contour will be part of Tanzu
    Response -> Bank is in process of upgrade of existing infra wherein proposed licenses would be provisioned.

18. Does the bank have vRealize Log Insights licenses to capture Logs
    Response -> Yes

19. Does the bank have vRealize Operations licenses to capture Tanzu Metrics
    Response -> Yes

20. Is NSX Deployed as part of VMware Infrastructure
    Response -> Yes

21. If yes, what is the deployment methodology, Is NSX being leveraged only for Micro segmentation or for Routing as well.
    Response -> Microsegmentation, if required bank may leveraged the routing as well based on application requirement.

22. Does the bank have Tanzu Service Mesh, It is a hosted Solution (Istio) with and Add On Cost
Response -> Not available with Bank

23. Does the bank have Tanzu Mission Control, It is a hosted Solution with an Add On Cost
Response -> Not available with Bank

24. Does the Bank have vSAN Licenses in place?
Response -> Yes.

25. Does the Bank have a DHCP Service, IPAM?
Response -> No

26. Does the Bank have an Enterprise CI/CD Platform?
Response -> Yes

27. Does the Bank have an existing Security Platform to scan Images, Tanzu Environment.
Response -> Yes.

28. Usage of Open Source Components

    Please Note in case Opens Source components are required by bidder (including provide by the bank on bidder's request), the bidder is required to undertake following ->
    a. In case of open source, Bidder must submit **self-declaration** on letter head with authorized signatory that the proposed solution is not community version and support will be provided by bidder during the contract period.
    b. Open source software provided/used/offered as a part of solution must be covered with relevant support.
    c. If any open source tools / applications / any additional components are required to fulfil the technical / functional requirement of RFP and same are bundled under the line items of software components mentioned in the RFP, then production support of the such open source tools / additional components must be arranged from respective OEM without any additional cost to the Bank.
    d. If any Open source hardware / software / open source software provided by Bidder. Further Bidder need to perform life cycle management, patch management and risk management for entire contract period.