

## Corrigendum to the RFP – DMABI Solution

Sr No	Page No	Para No	Existing Clause	Revised Clause
1.	15	4.1.1.10.7	<p>Cloud Ready: The proposed solution will store the data on premise. But the architecture suggested should enable migration to cloud in a seamless manner in the future. Tools other than the database can be on the cloud. The solution should support seamless integration of compute resources and data from the premises to the proposed MEITY empanelled cloud without any downtime. The solution may contain cloud services for ETL, graph database and No-SQL database. In the event of ETL services being deployed on cloud the processed data must be seamlessly be transferred to NABARD’s premises. NoSQL key-value database should support native, server-side support for ACID transactions and deliver single-digit millisecond performance.</p> <p>Data may persist in the ETL (if on cloud) for upto 30 days to enable in case of job rerun</p> <p>Reporting tool is Power BI</p>	<p>The proposed solution will store the data on premise. But the architecture suggested should enable migration to cloud in a seamless manner in the future. The solution should support seamless integration of compute resources and data from the premises to the proposed MEITY empanelled cloud without any downtime.</p>
2.	74	<b>“10.4.1.1 Cost of Software License(s)”</b>	<p>Cost of Software License(s):</p> <p>90% of Software Licensing Cost on installation of software and balance 10% on sign off by NABARD.</p>	<p>90% of Software Licensing Cost on installation of software and balance 10% on installation and sign off by NABARD</p>
3.	74	<b>“10.4.1.2 <u>Implementation and Customisation</u>”</b>	<p>Implementation and Customisation Cost</p> <p>i. % of the Total Cost of implementation and customisation on 50% completion of Business Requirements Document.</p> <p>ii. % of the Total Cost of implementation and customisation at the time of signing off of the Business Requirements Document.</p>	<p>Implementation and Customisation Cost</p> <p>i. 5 % of the Total Cost of implementation and customization on 50% completion of Business Requirements Document.</p> <p>ii. 5 % of the Total Cost of implementation and customization at the time of signing off of the Business Requirements Document.</p>

			<p>iii. 10% of the Total Cost of implementation and customisation at the time of signing off of the Technical Architecture Document</p> <p>iv. % of the Total Cost of implementation and customisation at the time of finalization of the Data Model of the Enterprise Data Warehouse.</p> <p>v. % of the Total Cost of implementation and customisation at the time of finalization of the ETL Mapping document.</p> <p>vi. 20 % of the Total Cost of implementation and customisation at the time of finalization of implementing the ETL Mapping.</p> <p>vii. 20 % of the Total Cost of implementation and customisation at the time of completion of the historical load and scheduling of incremental loads.</p> <p>viii. Final 20% of Total Cost of implementation and customisation will be paid after 3 months from the date of acceptance of the DMABI Solution by NABARD.</p>	<p>iii. 10% of the Total Cost of implementation and customization at the time of signing off of the Technical Architecture Document</p> <p>iv. 10 % of the Total Cost of implementation and customization at the time of finalization of the Data Model of the Enterprise Data Warehouse</p> <p>v. 10 % of the Total Cost of implementation and customization at the time of finalization of the ETL Mapping document</p> <p>vi. 20 % of the Total Cost of implementation and customization at the time of finalization of implementing the ETL Mapping</p> <p>vii. 20 % of the Total Cost of implementation and customization at the time of completion of the historical load and scheduling of incremental loads</p> <p>viii. Final 20% of Total Cost of implementation and customization will be paid after 3 months from the date of acceptance of the DMABI Solution by NABARD.</p>
4.	67	8.3.4	The Compliance Score A (based on response to technical requirements) is calculated as below: $A = \frac{(1 * \text{No of compliant out of box} + 0.75 * \text{No of Complaint with Customization})}{(\text{Total Number of Technical Requirements})}$	$A = \frac{(1 * \text{No of compliant out of box} + 0.75 * \text{No of Compliant with Customization})}{\text{Total Number of Technical Requirements}} * 100$
5.	117	4.3.4	Customer feedback (B4) – .... Technical Bid Evaluating Score (St)=25% (Stage A)+75% (Stage B)	<ul style="list-style-type: none"> <li>Technical Bid Evaluatin Score (St) = 20% (Stage A) + 80% (Stage B)</li> </ul>
6.	36-37	“4.2.10 Hardware / Software”	Hardware / Software : 4.2.10.1 NABARD has made investment in Nutanix Acropolis hypervisor Version 5.15.3. It is expected that Bidder offers solutions that leverages the existing investment. However, the Bidder shall ensure the DMABI Solution is adaptable to any other system	<u>Addendum to Section is as under :</u> While leveraging NABARD’s investment in Hardware nodes and the software defined storage, the vendor is free to recommend a Hypervisor of their own choice and deploy the same during the project execution. Bidder need not provision any of the security infrastructure but must

		<p>implemented / to be implemented by NABARD on its systems and for infrastructure platform. Additionally keeping the benchmarking exercise in view, the Bidder shall be expected to advise and incorporate on enhancement to existing system, if any.</p> <p>4.2.10.2 If an appliance is proposed as part of the DMABI Solution, there must be adequate CPUs, memory and storage available to accommodate the sizing and growth aspirations of NABARD during the Contract Period.</p> <p>Bidder may plan for growth at the rate of 20% per year. Bidder is expected to provide sizing.</p> <p>4.2.10.3 The Bidder needs to size, supply, design, commission and maintain the related software and the incremental hardware, if any, for all the applications for the Contract Period as per the RFP.</p> <p>4.2.10.4 The Bidder is required to size for adequate hardware based on the volumes for the DMABI Solution and other applications. NABARD would like to stagger the deployment of the hardware resources in two stages. In stage 1, the initial hardware deployed should be capable of handling the first three years of load and volume or till completion of implementation of the DMABI Solution, whichever is later. As part of stage 2, after completion of 3 years, the Bidder shall ensure that appropriate hardware and other resources are sized based on projected load, volume and performance criteria for the next 2 years.</p> <p>4.2.10.5 The Bidder shall procure third party hardware or software subject to prior written approval of NABARD. In case of any conflict of interest for the Bidder in relation to the supplier of relevant hardware or software, the Bidder shall disclose such conflict of interest in writing to NABARD prior to procurement.</p>	<p>comply with Information Security Policy of NABARD which will be shared with the successful bidder.</p>
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			<p>Contract Period but after the implementation of the DMABI Solution, the Bidder shall implement such new or more efficient technology, software or supporting hardware as mutually agreed and acceptable to NABARD and on mutually agreed terms and conditions between NABARD and the Bidder.</p> <p>4.2.10.8 The Bidder shall be responsible for smooth operation of the the DMABI Solution from the angles of sizing, integration and fail over. For this purpose, as mentioned earlier, coordination and collaboration with the NABARD's existing hardware supplier(s) and system integrators(s) may be necessary and the Bidder shall provide the necessary knowhow and manpower for ensuring this. The necessary configuration should be benchmarked to “highly available”. The configuration should be such that there is equitable distribution of the load in the configuration and if a failover occurs then the server running should be able to take the full load. The hardware sized for all the applications forming part of the DMABI Solution should be redundant and scalable. Should there be a hardware failure, the failed component should be replaced or fixed in less than 30 minutes.</p>	
7.	16	4.1.1.10.8	<p>Secure: Security features of the solution to conform to industry standards including Information Technology Act 2000, Information Technology Rules 2011, Aadhaar (Data Security Regulations) 2016 (if Aadhaar is used in any manner as part of the solution), GDPR, ISO 27108, Personalized Data Protection Bill 2018, etc.</p>	<p>Secure: Security features of the solution to conform to industry standards including Information Technology Act 2000, Information Technology Rules 2011, Aadhaar (Data Security Regulations) 2016 (if Aadhaar is used in any manner as part of the solution), GDPR, ISO 27108, Personalized Data Protection Bill 2018, etc. The bidder need not provision for any security infrastructure but must comply with Information Security Policy of NABARD which will be shared with the successful bidder.</p>

			<p>The bidder shall provision and monitor following security layers:</p> <ul style="list-style-type: none"> <li>• Layer 4 and Layer 11 Firewall</li> <li>• Intrusion prevention / detection (network and host level)</li> <li>• Anti virus, event logging and correlation</li> <li>• Vulnerability protection through implementation of proper patches and rules</li> <li>• Vulnerability Assessment and Penetration testing before go-live of any module</li> <li>• Database Activity Monitoring</li> <li>• Dedicated Hardware Security Module</li> <li>• Multi-Factor Authentication</li> <li>• Privileged Identity Management</li> <li>• SSL VPN</li> <li>• Anti-DDoS</li> <li>• Data Leakage Prevention</li> </ul>	
<b>8.</b>	<b>112</b>	Point No. 3 of “Annexure III:	<p>Minimum Eligibility Criteria – Experience :</p> <p>The Bidder / Prime Bidder in case of a Consortium arrangement, should have supplied and implemented / under implementation a Data Warehouse / analytics solution in at least 3 institutions in India/Global of</p>	<p>Minimum Eligibility Criteria – Experience :</p> <p>i. The bidder should on its own, or as a major partner in a consortium have implemented or under implementation a data warehouse or an equivalent</p>

			<p>which one should be in BFSI / Regulatory institutions in India, during last seven years (i.e. Since April 2014). References of top three projects (in terms of size of the solution) of the Bidder should be submitted. In case Bidder has signed Confidentiality Agreement with Customers, a Self-Declaration by Bidder with Masked PO may be submitted</p>	<p>solution in at least two institutions in India / Globally in the last 7 years</p> <p>ii. For (i) above, the implementation(s) should have been for a solution / project of a comparable scale</p> <p>iii. The implementation could be in any industry having relevance to NABARD, in public, private or government sectors (for example a BFSI sector data warehouse, a data warehouse for a company in agriculture / rural development sector, or a government department data warehouse)</p> <p>iv. For the above purpose, a copy of the Purchase Order (suitably masked), or a certification to that effect by an authorised signatory of the bidder, has to be submitted.</p>
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