

**Clarifications of Pre-bid queries in form of F.A.Q**

**PN : 20.2195.4-003.00**

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**SAP No. 83462397**

***This clarification is intended to all interested tenderers, consolidating the queries of all bidders for information of all.***

#	Queries	Responses
1	Are there any specific authentication mechanisms required for the login screen, such as single sign-on integration or two-factor authentication?	An email and password-based architecture is required exclusively to be used for this dashboard. No Single Sign On (SSO) or two-factor authentication is required. Refer to page 17 of annexure I.
2	What types of metrics or key performance indicators (KPIs) should be prioritized for the dashboard overview screen?	Refer to page 2 of annexure I. Consultant is expected to recommend additional metrics to further improve data validation, analytics and visualization of the dashboard.
3	Could you provide more details on the specific data points or metrics that should be visualized in the master plans status dashboard and the institutional strength dashboard?	Refer to annexure I. Refer to query response 2.
4	Are there any role-based access control requirements for user profile management and the admin dashboard, and if so, what are the different user roles and their corresponding permissions?	36 credentials for 36 nodal officers (1 each for 28 states and 8 UTs) + 1 master login for central access at TCPO Delhi  Each nodal officer should be able to edit data set for their respective state / UT while viewing rights for others.
5	Do you have any preferences for the feedback and support interface, such as integrating it within the dashboard application or providing separate channels for communication?	Feedback mechanism / page can be proposed in discussion with TCPO. It is not required as per current ToR. Only the nodal officers (36+1) should be able to view the feedback with an option to toggle between making it private or public.
6	Can the dashboard 2.0 for TCPO be developed using the Dot Net technology and D3.js as shown in slides shared as Annexure I.	Current version frontend and backend are developed on Angular and NodeJS respectively. Database used is MongoDB. The source files will be shared with the contract awardee.
7	What are the high-level objectives that you are looking to achieve with the launch of Dashboard 2.0?	Refer to context section of terms of reference document.

8	Please list some of the challenges that you are facing with the current Dashboard.	The current dashboard has to be improvised in discussion with TCPO. Refer to context and objectives in ToR.
9	What actions can nodal officers take once they log in? What kind of data can nodal officers enter into this software? Is there a defined chain of approval for the data uploading process, specifically regarding town data statistics or institutional strength?	Every nodal officer is responsible for updating data from respective state/UTs. No central approval mechanism required.  Refer to query response 4
10	Are there any particular trends or patterns in the data that the new dashboard should be designed to highlight?	Consultant is expected to propose new trends / patterns / metrics in existing datasets in consultation with TCPO and GIZ. Example – number of town planners in Tamil Nadu per 100 statutory towns, average numbers of town planners per city in India etc.  Refer to context section in terms of reference document.
11	What is the exact structure of the data? If possible, please provide sample data. Are there additional parameters or KPIs that you wish to track in Dashboard 2.0?	Currently this is structured as B-tree relational database. Refer to page 12 and 13 of annexure I for sample structure of data. Refer to context section of terms of reference. Refer to query response 2 and 12
12	What types of graphs and improvements are you expecting in the dashboard to facilitate more detailed exploration of the data?	These recommendations are expected from the Team Leader. It is expected the 2.0 Dashboard will improve the existing UI-UX, smoother animations, better graphics, transition on application of filters, better and simpler data pipelines for data update, analytics, and visualizations.
13	Are there any specific data validation measures that should be integrated into the dashboard to ensure the accuracy and reliability of the displayed information?	Refer to query response 2.
14	Apart from nodal officers, are there other roles that use the system and are involved in the process who need access to view and manipulate data?	Refer to query response 4.