Addendum #3

Date 10/22/18

The following is additional information regarding **RFP-83640** titled **Business Intelligence Solution** released on 10/10/2018. **The due date and time for responses remains as 10/31/2018 @ 2:00PM PDT**. This addendum includes both questions from prospective bidders and the Port's answers, and revisions to the RFP. This addendum is hereby made part of the RFP and therefore, the information contained herein shall be taken into consideration when preparing and submitting a bid.

Item #	Date Received	Date Answered	Vendor's Question	Port's Answer	RFP Revisions
1	10/11/18	10/15/18	Whether companies from Outside USA can apply for this? (like, from India or Canada)	Firms outside the United States may propose if they can meet the requirements of the RFP.	
2	10/11/18	10/15/18	Whether we need to come over there for meetings?	Meetings and training can be done remotely via phone/web.	
3	10/11/18	10/15/18	Can we perform the tasks (related to RFP) outside USA? (like, from India or Canada)	Assuming the submitter can meet the requirements of the work, home office location is negotiable.	
4	10/11/18	10/15/18	Can we submit the proposals via email?	See instructions in RFP 83640, Attachment A on page 7-8, Submittal Process	
5	10/16/18	10/17/18	Can the Buyer please explain 'Budgeting capabilities' requirements surrounding Attachment D, #18 in more detail? If the Buyer expects true 'Budgeting capabilities' such as those provided by vendors such as Anaplan (www.anaplan.com) or Hyperion Financial Budgeting and Planning (https://www.oracle.com/applications/performance-management/), we would normally expect scores of budget-specific requirements that are not articulated in this solicitation.	We do not intend for this tool to replace our current financial budgeting solution. This is not a mandatory requirement for the BI solution, but having core functionality that can be leveraged for forecasting and budgeting analytics is highly desired. ***The Seller should indicate in the Comments column of Attachment D #18 what capabilities the proposed solution provides, if any.***	

6	10/16/18	10/17/18	The Buyer requests "10 data analysts that would be creating reports, dashboards, visualizations". The Seller offers two licenses that would fit this description, and we would like to propose the correct options. Our Explorer role can create content such as dashboards, reports and visualizations from scratch, using a web browser, using metadata that has previously been connected, published and curated to some extent. Our Creator role can *additionally* connect, cleanse, curate and publish that metadata for Explorer or Viewer consumption, for approximately double the cost. More detail can be found here: https://www.tableau.com/pricing/teams-orgs. Given those details, how many of the 10 would the Buyer prefer in each role?	Based on your description, we would prefer six (6) Explorer licenses, and four (4) Creator licenses.	
7	10/16/18	10/17/18	Of the 280 users, how many concurrent users will access the system?	We anticipate up to 30 concurrent viewers. ***Seller should indicate in their proposal, considerations relating to concurrent system usage.***	
8	10/16/18	10/17/18	Is there any additional value/weight given for companies who are Minority (MBE) or Woman Owned Businesses (WBE)?	There is no additional weight given for companies who are minority (MBE) or Woman Owed Businesses (WBE).	
9	10/17/18	10/19/18	Can the provided solution be a combination of a data warehouse for historical and interactive reporting as well as a data repository for developers to access and create their own reporting?	The primary objective, and notable outcome of this RFP is the successful selection and implementation of a front-end BI tool for data visualization and BI-related tasks. A data warehouse is not a requested component of the solution, but we will accept it as an element of the	

				submitted solution with the understanding that the proposed data warehouse is a required element of the front-end BI tool, necessary in order to provide the functionality that meets the objectives outlined in the RFP. ***Competing solicitations are not required to submit a data warehouse element if their BI tool fulfills the goals outlined in the RFP without it.***	
10	10/17/18	10/19/18	Do you want users to access the various source systems directly via one application or would an ETL from the sources to one location for access suffice?	Users should be able to access the various source systems directly via one application.	
11	10/17/18	10/19/18	Real time access to raw sources may not be possible when there are disparate data sources with various connectivity and granularity and users need to have limited knowledge of SQL or other programming languages to transform. Could we provide real-time access to certain data points but others ETL into a central repository? There are other alternatives but would require further discussion on needs for reporting.	Acknowledged. However, the selected tool is expected to allow users to access various and disparate data sources as desired/required. (See #10.) Proposals may be submitted that consolidate data sources, if this element is necessary in order to provide the functionality that meets the objectives outlined in the RFP. ***However, preference will be given to solutions that allow access to data sources as described.***	
12	10/17/18	10/19/18	Are you looking for .net development or a front end application for data access outside of a reporting tool such as Power BI?	No.	
13	10/17/18	10/19/18	Can you elaborate on users transforming fields or data analysis? Are you referring to developers	Tools exists which allow the user the ability to manipulate and transform	

			accessing the data repository, warehouse, data mart or data lake we architect to build reporting from or a capability for the end users to manipulate data with no programming knowledge? Data types are not changeable without programming knowledge once a destination data type is defined.	data as necessary for analysis and visualization. (As an example, an integer field of 20181015 can be transformed into a date field of 10/15/2018 if necessary.)	
14	10/17/18	10/19/18	Summary and aggregated data levels computed in real time can lead to performance degradation? Would this need to happen at runtime of reporting or can we build a aggregated model for report users to hit?	The tool should be able to aggregate detail data as specified/selected by the user at runtime.	
15	10/17/18	10/19/18	In displaying data specified by groups/organizations, does that mean only those organizations/groups should be able to see that data (incorporating row level security)?	The tool should recognize the security model of the underlying data source(s).	
16	10/17/18	10/19/18	You mention multiple data science/predictive analysis programming languages (SQL, R, Python), do you have a preference on any of these? Does versioning play a role in what language you want to use?	No preference. Version does not play a role.	
17	10/17/18	10/19/18	Are you looking to report off of this solution and then export it back into a SQL database or flat files? (Ex. Export a Power BI to flat files or back into a database).	Solution should provide the ability to export data to flat files, (for example, Excel). However, there will be no need for export of data back into a database.	
18	10/17/18	10/19/18	Does executing data extracts and queries at predefined times and by business events mean scheduled jobs for alerting? We need more specifics around this. (what would be some examples of conditions or events)	Yes – that is one anticipated use case. Tool should provide alerts to defined users when KPI exceeds a threshold.	

19	10/17/18	10/19/18	Free view-only licensing will not work in an Azure model for Power BI reporting unless you are doing a publish to web which will not adhere to the requirements of row level security and will have no security for viewing the data. Anyone who can hit the website publicly will be able to see it.	Acknowledged. ***Seller should indicate in their proposal, how this will be addressed in the proposed solution.***	
20	10/17/18	10/19/18	What kind of task automation are you looking for in using macros or small applications?	Management of repetitive tasks is desirable. For example, automated generation and distribution of reports.	