

Bid Clarification No. 1

This is based on the queries received till June 29, 2018

Sr. No.	Bidding Document		Bidder's Observation	Response
	Chapter	Clause No.		
1	Procurement for Data Analytics Services	ANNEXURE-I	In the required solution components, there is no mention of Advanced Analytics and Statistical Modeling Capabilities. Since the use cases mentioned in the RFP require these capabilities, do you want vendors to propose Advanced Analytics Capabilitie	<p>PSCA has updated the bidding document of the same tender, The Bidder can download the same from PPRA and PSCA website.</p> <p>Weblink of updated tender document is : https://eproc.punjab.gov.pk/BiddingDocuments/50484956/4854/2206201804111071447883103122.pdf</p> <p>Addendum Advertisement: https://eproc.punjab.gov.pk/Tenders/50484956/4854/22062018041110702833601031</p>
2			Does PSCA want Industry Standard Professional Trainings for the PSCA Technical Team on the proposed solution components? How many days of training is required by PSCA?.	
3			For ETL and BI HW/Servers we would recommend that PSCA uses their own available Servers to run the ETL and BI software. This would be cost effective approach for PSCA. Vendors can share the required specifications for these servers. Is PSCA okay with this approach?	
4			Do you want 12 TB of uncompressed storage capacity or compressed? Please clarify.	
5			In RFP it is mentioned that the managed services is required for at least 1 year. Do you want services to be quoted for subsequent years. If yes, then how many years?	
6	Advertisement & BIDDING DETAILS & INSTRUCTIONS	Advertisement & Clause # 2	<p>Extension for 2 weeks as RFP needs detailed working by our technical team and for this we need more time for right and scalable solution.</p> <p>Last date of submission of Tender documents is extended till 9th July 2018 and Tender documents are available on PPRA website</p> <p>Weblink of updated tender document is : https://eproc.punjab.gov.pk/BiddingDocuments/50484956/4854/2206201804111071447883103122.pdf</p> <p>Addendum Advertisement: https://eproc.punjab.gov.pk/Tenders/50484956/4854/22062018041110702833601031</p>	
7	Technical Evaluation criteria	23	<p>We request to allow Principal partners to Bid in the RFP. As per Technical Evaluation criteria (Serial #2) only Principal can bid directly. As Oracle we have qualified partners/ Resellers with right skillset to deliver the Project.</p> <p>https://eproc.punjab.gov.pk/BiddingDocuments/50484956/4854/2206201804111071447883103122.pdf</p> <p>Addendum Advertisement: https://eproc.punjab.gov.pk/Tenders/50484956/4854/22062018041110702833601031</p>	

8	Advertisement & BIDDING DETAILS & INSTRUCTIONS	Advertisement & Clause # 2	Extension – You are requested to extend submission date as lot of time has been consumed in Eid Holidays	Last date of submission of Tender documents is extended till 9th July 2018 Addendum Advertisement: https://eproc.punjab.gov.pk/Tenders/50484956/4854/22062018041110702833601031
9	JOINT VENTURE / CONSORTIUM	9	As per para 9 of the RFP, JV/Consortium is allowed:	JV is not allowed. Weblink of updated tender document is : https://eproc.punjab.gov.pk/BiddingDocuments/50484956/4854/2206201804111071447883103122.pdf
10			Pls confirm if any of the consortium/JV partners can take the lead role	
11			For tender evaluation experience, financial capacity and other requirements will be calculated jointly for both the partners	
12			All partners need to obtain Tender Documents separately from PSCA?	
13	Procurement for Data Analytics Services	ANNEXURE-I	Estimated Data Size = 12TB, pls provide current data size, annual expected growth for next 5 years for HW Sizing & Scalability	In five years it will be around 30 TB to 40 TB.
14			MSO will be required for complete solution, including HW/SW & Application support & Maintenance and Change Requests for on-going requirements	Bidder understanding is correct.
15			Please provide details of Existing Data Implementation Assets at PSCA	Details shall be shared with successful bidder.
16			Do you need High Availability Solution?	Yes, PSCA require High Available and Reliable solution.
17	JOINT VENTURE / CONSORTIUM	9	As mentioned in the Section 9 of the revised RFP naming Joint Venture / Consortium, Joint Ventures / Consortium is not allowed for this Project. This arrangement was allowed in the earlier version of the RFP. Keeping in view the complexity and size of this assignment and as per established practice, we request to allow Joint Venture Consortium for this Tender.	JV is allowed for this tender.
18	PRE BID-MEETING	-	Kindly also confirm the date of pre-bid meeting if planned before submission of bids / proposal.	PreBid Meeting is not planned, Please email again if you require any further information.
19			Can you please give detailed information on existing implementation assets of PSCA's data management?	Details shall be shared with successful bidder.

20	Procurement for Data Analytics Services	ANNEXURE-I	What is the existing use-case(s) implementation of Huawei FusionInsight at PSCA?	Huawei FusionInsight is used to manipulate Traffic Solution
21			Is there any existing capability around Data Governance in regards to Data Quality and Metadata Management under the broader context of overall Data Management?	PSCA has deployed Talend MDM platform.
22			Are capabilities like Data Quality and Metadata Management required?	Yes capabilities like Data Quality and Metadata Management are required.
23			Can you give more details on the Customized Logical Data Model? What is the expected outcome? What kind of customization is expected?	PSCA needs data model which is either build for Law Enforcement OR is customized for a gov industry based on industry standard that actually fits for LEAs.
24			Can you give more details on the Alert Generation on suspicious mobility patterns? What kind of conditions are you looking for and based on what sources of information?	Excise, Criminal Record Office and other Police Databases will be integrated with ANPR system to generate alerts in real-time.
25			Is real-time Change Data Capture required from source systems or batch-based/near real-time will also work for Data sourcing in to EDW?	This will depend upon use cases but Bidder shall have both capabilities available.
26			Any specific Analytical Algorithms/ML under the broader context of Data Analytics that you are targeting?	PSCA has different type of data sources available, Bidders shall have all latest Advance Analytical Algorithms/ML/deep learning techniques available in their platform.
27			What are the sizing details (in terms of physical Cores) of existing source systems for EDW?	Details will be shared with successful bidder.
28			What are the OS and CPU models of these source systems?	Details will be shared with successful bidder.
29	JOINT VENTURE / CONSORTIUM	9	Lastly in first version of RFP JV was allowed , however in revised version JV was not allowed. To keep the competitiveness in the bid we request to have JV option available.	JV is allowed for the same.
30	Advertisement & BIDDING DETAILS & INSTRUCTIONS	Advertisement & Clause # 2	Please extend the submission date at-least 2-weeks further. It would be very difficult to gather data and compile bid before 9th July 2018.	Last date of submission of Tender documents is extended till 9th July 2018 and Tender documents are available on PPRA website
31	FINANCIAL PROPOSAL FORMAT FOR FINANCIAL BID	ANNEXURE-IV	You know, currently US Dollar is very unstable and unpredictable, please allow to submit proposal in USD. If complete bid isn't possible at-least allow Software, Licenses and Hardware in USD however Services can be proposed in PAK Rupees.	Compliance to the Tender document is mandatory.
32			What is the role of Huawei Hadoop?	Huawei Hadoop is already deployed for Traffic solution.

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Procurement for Data Analytics Services

ANNEXURE-I

Is it operational or you require services to make it functional integrated with proposed analytical components?	Huawei Hadoop is currently operational. Bidder shall be responsible to integrate it with their Advance Analytics platform
What version of Huawei Hadoop is in use?	Fusion Insight HD 2.6 Hadoop 2.7.2
How big is the cluster and what Hadoop components are available within this cluster?	Cluster has 17 nodes. Fusion insight contains following components <ul style="list-style-type: none"> • Hadoop • Hbase • Hive • Zookeeper • Phoenix • oozie • Hue • Spark • Sqoop • Flume • Kafka • Solr • Kerberos • Streaming • Redis
Can solution be built on top of this cluster to avoid additional cost or it has to be separate solution/cluster?	Solution shall built on top of this cluster, The Bidder shall be responsible to include server in this cluster if required. The Bidder may propose any cost effective solution.
Data Size mentioned seems to be very small. Similar kind of Big data applications/requirements generate this size data on daily bases. Is this customer area data space or the analytical data sets will be on top? What is sizing growth looks like in next 1, 2, 3, years?	The data sizing of analytics shall be 30 TB to 40 TB approximately for next 05 years.
The bidders are supposed to account for the costing hardware, Software license, implementation and managed services for 1' year?	The Bidder shall provide the costing for hardware, Software license, implementation, managed services etc, for 1 year as mandatory and costing for 2nd year as optional. Tender document is clear.

39		Will the hardware be hosted at Client's premises? If so, Client will provide the facility and integration with other environment	All the hardware shall be hosted in Client's premises. No Cloud/Remote services is allowed. Bidder shall be responsible to install hardware and allied accessories in client premises as part of this project.
40		Are there any existing BI environments, if so, please share those. What is the preferred BI tool? Also share the hardware requirements for it.	Currently no existing BI environment is available. Bidder shall proposed BI tool as part of its solution.
41		Disaster Recovery site is required? Complete solution should have High Availability or not? Number of users for ETL Number of users for BI Tool Number of usersfor-Analytical Tool Capacity of Huawei Fusion Insights	Bidder shall propose Disaster Recovery Site as an optional. Complete solution shall have High Availability. The number of users details for ETL, BI Tool and analytical tool has been provided in Addendum. Please refer to Updated Tender document.