

30 November 2018

Questions and Answer for the briefing session that was held on the 28 of November 2018 at 10h00 at Sasria.

**Implementation of Business Intelligence: Big Data Analytics Platform (BI-BDAP)
2018/23**

Question 1

Around 13 source systems are assumed as source for Big Data environment, please confirm.

Answer to Question 1

This will depend on what you are providing us as a solution however it must be designed in a way that in future any feeds and integration must be possible.

Question 2

How many unstructured data feeds are considered ?

Answer to Question 2

This will depend on what you are providing us as a solution however it must be designed in a way that in future any feeds and integration must be possible.

Question 3

Please specify the number of data feeds/integration points ?

Answer to Question 3

This will depend on what you are providing us as a solution however it must be designed in a way that in future any feeds and integration must be possible

Question 4

Only Claims and Finance data are considered for building the Big Data environment.

Answer to Question 4

No

Question 5

Assume we have to submit fixed price for development and support for 5 Years.

Answer to Question 5

Yes

Question 6

How many Weather forecast sites are to be considered?

Answer to Question 6

This will depend on what you are providing us as a solution however it must be designed in a way that in future any sites will easily integrate

Question 7

Geospatial data – Do we know if all the locations are digitized.

Answer to Question 7

We do not know.

Question 8

Is there a preference on the big data/ Data ingestion and BI Technology stack?

Answer to Question 8

No, any solution is welcomed if it meets our requirements.

Question 9

What are the volumes of data in terms of size and count?

Answer to Question 9

Do not have any data

Question 10

Is there a existing manual process that is happening today to integrate and build reports?

Answer to Question 10

No

Question 11

How many reports/Dashboards are to be considered for development?

Answer to Question 11

Not defined at this stage

Question 12

How many environments are being considered as a part of Big Data Landscape? (e.g. Dev, PROD, QA etc?)

Answer to Question 12

All 3 plus SIT and UAT Testing environments.

Question 13

Will there be external users? Will there will be external users which are not Sasria personnel on your internal network?

Answer to Question 13

No at this moment

Question 14

And please could you furnish us with user counts of external users?

Answer to Question 14

N/A

Question 15

Will there be a web portal with embedded iframe components of analytics etc?

Answer to Question 15

NO

Question 16

Are you considering a cloud solution and would this be a private or public cloud?

Answer to Question 16

Preferable private cloud

Question 17

Are you considering mobile access? To the solution or components of the solution?

Answer to Question 17

Yes

Question 18

And to what extent would you utilise mobile access in terms of the amount of components and which type of components?

Answer to Question 18

We want seamless access throughout regardless of which device is used.

Question 19

And to what extent would you utilise mobile access in terms of user counts?

Answer to Question 19

At any given point in time, anyhow as if I am using my laptop.

Question 20

Objectives 5 and 6 talk about hardware delivery plans has deliverables that include “Fully tested and implemented hardware infrastructure for each of the project phases.” Please confirm that this RFP does not include any hardware

Answer to Question 20

You have to mention the hardware requirements for your proposed solution but it must not be quoted as part of this RFP.

Question 21

On what hardware platform does SASRIA currently run their infrastructure? Operating system(s).

Answer to Question 21

Windows 10 and 7 server 2008, 2012 and 2016

Question 22

Hardware manufacturer(s)

Answer to Question 22

Cisco, HP, Hitachi, Huawei,

Question 23

On-site or hosted?

Answer to Question 23

Onsite

Question 24

You are already using Cognos BI for “Finance reports, Insurance reports, Procurement reports , Premium reports and Actuarial reports”. Is Sasria open to replacing Cognos with a different BI platform?

Answer to Question 24

Yes

Question 25

Will these reports all need to be replaced as part of this project if you choose a new BI platform?

Answer to Question 25

Yes, we will recommend that you quote for both, new proposed solution and if we retain cognos.

Question 26

Is there an existing data warehouse? If so: Is it accessed by Cognos BI?

Answer to Question 26

Not Fully DW but yes. We do have a DW however we open to building a new one, the one we have might not fully cater for Big Data

Question 27

What DBMS is used for the data warehouse? (eg SQL-Server, DB2, Oracle)

Answer to Question 27

SQL Server 2008

Question 28

The source system list has been given in RFP. Among them which How many of these sources would feature Batch feeds and how many of these would be event-feeds? Also is that the final list of sources from Sasria?

Answer to Question 28

The provided source system is in indication and not the final list. Sasria is in a process of procuring other systems. About 4 will be batch feeds and the rest will event feeds.

Question 29

Trust some of these feeds to would be real-time - please mention the details and also specify their size in terms of approximate number of records?

Answers to question 29

We do not have any current solution in place and are unable to provide feedback

Question 30

What is the frequency of data retrieval from real time sources?

Answers to question 30

We do not have any current solution in place and are unable to provide feedback

Question 30

Please provide description around the source systems including Data Volume, Type of Data, Mode of interfacing, etc

Answers to question 30

Please refer to the data sets provided within 3.2.2 Data Source Systems.

Question 31

Do we have to pull data in Batch mode or in real time / near real time mode.

Answers to question 31

Question 32

Will it always be pull from the sources or the sources can push the data files into Hadoop area ?

Answers to question 32

There should be capability for both data pull and push.

Question 33

Is there any data model exist in the current setup and if yes can we utilise same or need to propose different one (This ask from both DWH and Analytics perspective).

Answers to question 33

No data model

Question 34

Please share the logical architectue of existing setup and can we leverage same for future development?

Answers to question 34

This is a new capability for the organisation and this is part of scope of work.

Question 35

Are you looking for an open source based implementations ? OR Is there any preferred technology stack for this implementation?

Answers to question 35

We are open for any proposal, as long as data security is not compromised.

Question 36

Have you already procured any software which you want to reuse in the new implementation

Answers to question 36

No.

Question 37

Are there any plans of hosting the Big data application on the Cloud?

Answers to question 37

Yes

Question 38

What is the total timeline your leadership teams has envisaged to develop the To-Be stack? Is there any planned start date for the new engagement?

Answers to question 38

Jan-19

Question 39

Does the hardware procurement is part of scope? Do we need to provide hardware installation as well ?

Answers to question 39

Does the hardware procurement is part of scope? No
Do we need to provide hardware installation as well ? Yes

Question 40

Do you want to utilize the Apache based open source stack or want to go with supported distributions like Cloudera or Hortonworks based?

Answers to question 40

Please propose the best Sasria fit solution.

Question 41

Please mention number of new reports and dashboards that are expected to be created.

Answers to question 41

Not defined at this stage.

Question 41

Please mention number of existing reports and dashboards that need to be recreated.

Answers to question 41

Around 70

Question 42

How many total BI users we are envisaged for the Future Solution?

Answers to question 42

60

Question 43

We assume that the Big Data platform would be integrated with the DW platform to ensure a completely integrated enterprise information. Could this be confirmed and any thought-process around this shared?

Answers to question 43

Yes we confirm.

Question 44

Have we identified the data segregation strategy between the Hadoop and the classical DW Platform?

Answers to question 44

Please propose the best strategy.

Question 45

Are we considering any Logical Data Warehouse or Data Virtualization feature which would enable combined data and query from the DW and the Big Data?

Answers to question 45

Please propose the best strategy.

Question 46

What is the current process for use of the data?

Answers to question 46

We access reports through Cognos BI.

Question 47

Please provide more information on the below point like what kind of machine learning use cases to be developed? "e. Publicly available data sets for machine learning"
For Example, Fraud detection, Claims Prediction, Personalized offers, Customer Segmentation etc

Answers to question 47

We are looking for machine learning on all listed examples including the geospacial, flood and fire analytics, anything that is aligned to our business operation.

Question 48

Please provide more information on the below point like what kind of Predictive analytics use cases to be developed? "12. Predictive analytics"
For Example, Fraud detection, Claims Prediction, Personalized offers, Customer Segmentation etc

Answers to question 48

We are looking for machine learning on all listed examples including the geospacial, flood and fire analytics, anything that is aligned to our business operation.

Question 49

Do we have to pull data in Batch mode or in real time / near real time mode?

Answers to question 49

All