

Response to RFP DK2001 - Pre-Proposal Questions and Answers

#	Question	Answer
1	<p>Please advise the tier number from the table below which best fits the data storage requirement. This should include archived data and growth estimates over the period of performance</p> <p>Tier No. Number of rows</p> <p>1p to 125 million</p> <p>2p to 250 million</p> <p>3p to 500 million</p> <p>4p to 1 billion</p> <p>5p to 2 billion</p> <p>6p to 4 billion</p> <p>7p to 6 billion</p> <p>8p to 10 billion</p> <p>9p to 20 billion</p> <p>10p to 50 billion</p> <p>11p unlimited</p>	<p>Tier 1. Up to 125 million</p>
2	Number and type of data sources	<p>Peoplesoft Campus solution:</p> <ul style="list-style-type: none"> -Database Oracle 12c -Access eg ODBC -Records in largest table 2 million -Columns in largest table 50 columns -Total data size 500GB -Updates Once a day -Security Role based - same as Campus Solution <p>Brightspace:</p> <ul style="list-style-type: none"> -Database D2L -Access. ODBC -Records in largest table 2.5 million -Columns in largest table 40 columns -Total data size 50 GB -Updates Once a day -Security Role based - same as Brightspace

3	Do all three-past performance/reference need to be in higher education? For example, we completed an implementation for a top 10 university, but the other two references would have to come from larger commercial clients. Do we loss point if we have only one higher education reference?	Information about the percentage or points allocation is not shared. Please provide the most relevant information about previous implementations. Experience in higher education is preferred.
4	Would CCC consider a non-traditional data warehouse solution that would exceed the stated requirements?	Yes
5	Our team consist of three companies. Does each company need to have pass performance or can use the pass performance of the team as collective?	The experience with higher education is preferred for all three companies.
6	On the MBE/WBE requirements. We have identified two companies- one is MBE and other is M/WBE. The project delivery needs almost equal participations from both. Can we have Partial MBE credit from one company and rest of the MBE and WBE credit from the other company?	Appendix 1 Section 6 provides criteria for counting MBE/WBE participation toward contract goals. Section 6.1 G specifically addresses counting total dollar value award to certified MBE/WBE firm. The plan allows for the participation goals to be met using multiple M/WBE firms as shown by the Schedule A document.
7	Of the approximate 500 users, how many are Admin, Consumers and Developers/Authors?	City Colleges of Chicago employs approximately 4,000 employees. Approximate number of users by user category: 35 power users (admin), 300 business users (developers/authors) , 1550 viewers (consumers).
8	What are the challenges you are experiencing with your current BI Vendor?	ETL takes over 8 hours to refresh data, increasing the risk of failure and inability to deliver data on-time. The report and dashboard visualization is poor. Users are unable to create meaningful analytic reports.
9	We work with multiple software vendors. Do you have a preference for a vendor in particular?	No, we don't have a preference.
10	Would it be acceptable to present a proposal with consulting services only or do you expect a response for both licenses and services?	We expect a response for both licenses and services.
11	Could you describe the architecture of your current DW, How many tables, snowflake/star schema, etc.?	Our vendor's data warehouse solution is using MS SQL Server 2014/2016 platform with star schema. It has over 2,000 tables but most of them are intermediate tables and only about 10 -15 tables we're actually using as the final datasets. The data is refreshed once a day by running the nightly ETL that takes about 8 hours.
12	Do you accept Nearshore (remote) work combined with on-site work on key dates/activities?	Yes, we accept the hybrid delivery model for this project.
13	What timeframe do you expect for this project (begin date & go-live)?	We would like to start the project in January 2021.
14	Do you have a team from CCC assigned to work on this project? Can you provide details (how many people, skills, etc.)?	We rely on the solution provider to identify and suggest project roles and responsibilities for which CCC will be responsible. Based on the vendor's recommendations, CCC will build a team of project manager and subject matters experts who will help identify business rules, resolve process discrepancies and answer ad hoc questions.
15	How many people do you need to train for each user type (Admin, Author, Consumers)?	Less than 5 for Data Warehouse and BI administrators. Please see the answer to the question #45 for additional information on BI users at CCC.
16	How long do you expect you will need on-going Support for?	We are looking for ongoing support services during implementation and throughout the duration of the contract.

17	Do you expect a Fixed-Price or a Time and Materials Services Proposal	We prefer a fixed price.
18	On page 4 of the RFP, it states that "data from the following systems is not included in the existing data warehouse." Is it the City Colleges objectives to replace only the existing data warehouse? To what extent ARE these solutions INCLUDED in the scope of this RFP?	Our objective is to replace our current data warehouse and business intelligence system.
19	To what extent does the scope of this project include the strategy and planning activities to establish a business intelligence strategy that would drive the business and technical requirements?	To a large degree. We are looking for a partner who will be involved and help us review and improve our current business intelligence strategy. The implementation will start with extensive planning. Hopefully the vendor will engage in discovery sessions with CCC's key stakeholders and will assist with the strategy and planning during deployment and launch.
20	To what extent will representatives from the individual and cross college functional groups (e.g., finance, student services, institutional research, etc.) included in this project?	See the answer to the question #14
21	Is there an existing data governance strategy and team? If so, please describe.	Yes, we have a data governance program in place. The strategy is to protect critical data, support data management roles (data stewardship), improve data quality, and increase data access.
22	The scope of effort seems to focus on the existing data warehouse "footprint". Does City Colleges expect to have a separate project to examine the institution-wide and college specific business intelligence/data warehouse not included (as may be represented for example, by the systems listed as not being included on pages 4-5)?	Outside the scope of this RFP.
23	Will you consider vendors with a comprehensive approach beyond installing and tweaking data warehousing software, i.e.: Using their pre-built Campus Solution data warehouse: ■Meet with the appropriate users to determine key data definitions, rules and ■transformations ■Apply these to the pre-built software resulting in an implementation that precisely ■observes your business practices ■Build the 200 reports to the new BI tool	Yes, we are looking for a vendor who will offer a comprehensive approach.
24	Should the 200 reports be simply translated to the new BI tool to look, feel, and function like the existing reports? Or should we budget time to meet with the appropriate users to determine if some reports should be deprecated, some modified and new ones added	We will be reviewing the existing 200 reports to determine how well they meet CCC needs and analyzing usage statistics. We expect that many reports will be eliminated or consolidated, while others will need to be migrated and/or updated, and new reports identified.
25	Please provide the qty available of the servers on prem for running the solution	Currently have 1 VM for production and 1 VM for test environments.

26	What takes the 12 hours for running your batch processes? Are these all ETL jobs? What is the hardware and software currently being used for ETL?	The current ETL take about 8 hours to refresh the data from the source (PeopleSoft) every night. The ETL code is written in Python by the vendor. See additional data warehouse info in question #11.
27	What is the current HW and SW for the data warehouse?	The current hardware is a blade system, Intel Xeon CPU X5690 3.47GHZ –2 Processors that we provisioned VMs on top of it. The BI/data warehouse solution is provided by our vendor, Zogotech. See question #11 and 46 for additional info.
28	If we are a subcontractor on this RFP, do we need our financials to be included in the proposal?	Per RFP Financials of Prime
29	If we are an MBE subcontractor on this RFP will our references be considered or required?	No, the references stated in the RFP document refer to the Prime
30	For the 200 reports that CCC intends to migrate, is there any estimation on the level of complexity? For example: 25 reports are highly complex, 75 medium complexity, and 100 low complexity? Complexity is loosely defined as follows, if more specific definitions are better suited please adjust as necessary: a. Low: 1 data source, with simple business logic (sum/average) across 4-6 dimensions. 1 dashboard/view of the data presented to users. b. Medium: 2 disparate data sources, combination of advanced business logic across 6-10 dimensions. Up to 2 dynamic calculations in the front end user interface. Up to 3 different dashboards/views presented to users. c. High: 3+ disparate data sources, business logic that requires heavy calculations both in the back-end ETL (extract, transformation, load) processes, 3+ dynamic calculations in the front end user interface. 10+ dimensions used for slicing and dicing data within the report domain. 4+ dashboards/views presented to the users.	Most of the existing 200 reports are simple reports based on the OLAP cube structure and can easily be created by end users using the drag and drop interface. We estimate there are 2 or 3 dozen reports of medium complexity that have been developed by power users and BI admin that cannot be created via our drag and drop interface and require more complex business logic
31	As the user generated reports are still unknown, does CCC have any speculation that vendors should use as a benchmark in order to account for this portion of the migration? Using the definitions above, how many high/medium/low complexity reports should be used to estimate this portion of the project?	All of the user generated reports are low complexity reports created from our drag and drop interface. We welcome recommendations on the best approach to handling user generated report migration.
32	Will a recording of the Pre-Proposal Conference be made available to vendors who were unable to attend?	No

33	Does CCC have a COVID-19 return to work policy that will be made available to responding vendors? This will be helpful to speculate costs for on-site training / development requirements.	A policy document is not available at the time of Addendum No. 1 release. If additional information should become available it will be released by Addendum.
34	What is the volume of data (in GB or TB) that will need to initially be loaded into the data warehouse during implementation?	Our current data warehouse database size is 500GB. Note: this is data from our Student Information System.
35	What is the incremental year over year (YoY) increase of volume of data?	Approximately 2GB increase per year
36	What is the incremental year over year (YoY) increase in # of users?	There is no significant change.
37	Is CCC willing to adopt a train-the-trainer approach?	Yes
38	How does CCC expect the vendor to integrate with (i.e. via exposed APIs, read-only access to underlying databases or flat-file dumps etc.) a. Oracle PeopleSoft Campus Solution v.9.0? b. Brightspace?	We expect the provider to provide read-only access to the underlying databases and then extract the data to the data warehouse by directly loading into tables or dumping flat files and then loading them into tables.
39	Within each of the above solutions, how many tables would need to be ingested into the data warehouse & BI solution?	Oracle PeopleSoft Campus Solution - ~200 tables Brightspace - ~65 tables
40	Will all the datasets refresh in data warehouse on the same schedule?	All datasets from same data source should be on same schedule.
41	There was mention of a 24hr data refresh and also a question around live reporting. Is 24hr refresh considered "live"?	Correct. 24-hr data refresh is sufficient.
42	Will there be any use cases requiring near real-time querying or will batch loading be sufficient?	The batch data processing is sufficient.
43	Are there known data quality issues?	Yes, there will be data quality issues from the source (PeopleSoft). We're hoping the new solution can identify these issues so we can inform the PeopleSoft team to fix them
44	Does the project team have anyone dedicated to organizational change management and how much of the plan would you rely on the vendor to execute?	Both technical and business project leaders of the CCC project will work with the vendor in managing organizational change. At the moment we have no one who is dedicated. We ask solution vendors to propose an implementation approach that includes communication and change management that has worked well in their previous DW and BI implementations.
45	How many total CCC employees will need access to the new system provided the request for Enterprise licensing?	We would like to provide all CCC employees with access to data visualizations to perform or interact with reports and dashboards. The approximate number of users by user category: 35 power users, 300 business users, 1550 viewers.
46	What is CCC's current Enterprise Data Warehouse?	The current CCC BI/data warehouse vendor is Zogotech. This vendor is specialized in community college BI/data warehouse solution. We're using their packaged solution that includes web front-end for users to create reports and their proprietary data warehouse solution built on top of Microsoft SQL Server with CCC customizations.
47	As per the document, there are currently around 200 reports that needs to be migrated to new platform. Which platform the current reports are on and how complex are these reports (1 to 5)?	Most of the existing 200 reports are simple reports based on the OLAP cube structure and can easily be created by end users using the drag and drop interface. We estimate there are 2 or 3 dozen reports of medium complexity that have been developed by power users and BI admin that cannot be created via our drag and drop interface and require more complex business logic.

48	Do we have to migrate the reports as is or can we create interactive dashboards to combine and reduce number of reports?	Interactive dashboard and reports that reduce the overall number of reports needed to provide robust data support to the institution would be welcome.
49	Do you have any unstructured data that we have to integrate?	Currently we don't have any plans to analyze any unstructured data. In the future we may want to perform log analytics, or create a recommendations for any video or audio files collected by our institution.
50	What are the databases for the subsystems that we have to extract the data from and what is the volume of the data?	See the answer to the question #34
51	Do the subsystems have any provisions for CDC (change data capture) for incremental extracts?	We are not aware of any at this time.
52	Do we need to provide any to report subscriptions	The question is incomplete
53	Under Intent section: States "collects vast amounts of data regarding student which includes: student personal information, academic information, class schedules, degree progress, grades, transfer credit, student's progression in relation to academic plans and etc.". Please define the amount of data that is collected currently and projections for future amounts of data. Also, please define the types of data collected currently, and future types of data collected, along with current and future sources of data	See the answer to the questions #2, #34 and #35.
54	What is your current ETL platform/tool? What is your current reporting platform/Tool?	Our vendor's (Zogotech) ETL tool is written in Python that extracts data from the source (PeopleSoft, Campus Solution) then updates the MS SQL Server database as our data warehouse.
55	Conversion of 200 enterprise reports: Please describe the reports and the technology/tool currently used for the reports? What is the size and structure of reports that need to be converted?	We will be reviewing the existing 200 reports to determine how well they meet CCC needs and analyzing usage statistics. We expect that many reports will be eliminated or consolidated, while others will need to be migrated and/or updated, and new reports identified. Current reports provide a variety of student data, including enrollment and credit hour production, course-level data (class size, classroom utilization rates, course success rates), student outcomes (progression through developmental education, retention, transfer, degree and certificate completion, etc.) See the answer to the question #47
56	You anticipate about 500 active users, with 200 concurrent users, is that correct?	Yes
57	Does CCC have interest in vendors who are cloud-based? Are there parts of the solution that need to be delivered on prem (e.g., database, visualization, etc.)?	We are looking for on-premise solution where all aspects of the environment are installed and run on CCC servers. This includes data warehouse and business intelligence solutions.
58	For the evaluation criteria, can CCC please share the percentages or points allocated to each category?	Information about the percentage or points allocation is not shared.
59	For the goals for participation by certified MBE and WBE firms, can CCC please share if this is graded on a participation scale? Meaning if vendors show effort towards the participation goals, will they be provided a full score for this category in the evaluation criteria?	CCC does not disclose detailed information on the evaluation methodology. However, please reference Appendix 1 Section 5 for procedure information on criteria used to determine Bid and Proposal Compliance.

60	If proposing company is privately held and financial statements are not publicly available, would CCC be willing to accept other published forms of financial security such as a Dun and Bradstreet report? If no, would CCC be willing to sign an NDA prior to disclosure of the financial statements?	City Colleges of Chicago does not disclose proprietary or confidential information if the information is flagged as such in your submission.
61	Why is CCC reissuing this RFP (originally RFP #DK1902)? Has anything changed at CCC since this original RFP was canceled?	We decided to revise our cloud strategy. We've decided to work on formulating rules, priorities and most importantly an exit strategy if it doesn't work as planned.
62	CCC was originally looking for a cloud based solution (in RFP #DK1902). The current RFP specifies an on premises solution. Why did CCC change this requirement?	We decided to revise our cloud strategy. We've decided to work on formulating rules, priorities and most importantly an exit strategy if it doesn't work as planned.
63	Are there new teams/team members at CCC involved in this updated RFP?	The evaluation committee membership is not disclosed
64	Are there other systems beyond those listed in the RFP that CCC would like incorporated into this project ?	No. The scope of this project includes working with student data from PeopleSoft Campus Solution and student/learning/class data from Brightspace. Data from other sources is out of scope.
65	Does CCC anticipate incorporating all source systems at once into the solution or taking a phased approach to implementation? If the latter, which systems would be included in the initial phase of implementation?	CCC would like to take phase approach. PeopleSoft Campus Solution (Student Information System) will be the first phase, which is student enrollment data. The second phase will be Brightspace.
66	Has CCC identified a budget for this initiative, and if so, is it possible to share? Is there a price above which proposals would not be accepted?	CCC is seeking vendors that will scope the deliverables required by the RFP and provide the best value and price. Vendors are encouraged to submit a cost proposal reflective of the cost of their solution and implementation.
67	Can CCC please provide the decision timeline for this RFP?	We anticipate to make a decision by November 2020.
68	What is the level of support – in implementation, launch, and ongoing support – do you require and want out of a partner vendor ?	See the answer to the question #16 After the implementation is completed and the service support starts, we would like the vendor to provide professional services to support institutional adoption.
69	Does CCC have an implementation team or group in mind that will support from CCC. If so, what roles are included in that group ?	See the answer to the question #14
70	What strategic challenges is CCC looking to address through this RFP? Are there specific goals CCC is looking to achieve? And in what time period ?	We would like to integrate and store data from Brightspace in our data warehouse. We are looking for an environment where complex LMS data can be processed quickly and efficiently. We want to provide CCC users with the possibility of self-service capability so they can create reports in order to study emerging trends and achieve KPIs without the need to contact IT or data analysts. We want to provide users with access to self-service dashboards so that they can visualize and explore current and historical CCC datasets. We would like people viewing dashboards to be able to quickly and easily understand the most important information at a glance.
71	Can CCC share who will be on the evaluation committee for this RFP ?	Information about the evaluation committee is not shared.
72	Do you anticipate extending the bid due date?	Not at this time, any changes will be handled by Addendum

73	What additional details are you willing to provide, if any, beyond what is stated in bid documents concerning how you will identify the winning bid?	Answer not available
74	Was this bid posted to the nationwide free bid notification website at www.mygovwatch.com/free ?	No
75	What is the assumption regarding the existing MS SQL licensing and is it the desired data management platform?	Yes, we would like to stay with MS SQL Server platform as our data warehouse. CCC Infrastructure team will provide the SQL Server licensing.
76	Has CCC invested in hardware for an on-prem solution (server, racks, etc.)?	We're in the process of evaluating new hardware but open to your suggestions.
77	Where does the platform reside for the OLAP cubes?	The current version of BI tool is retrieving data from the OLAP cubes in Microsoft SQL Server Analysis Services. However, we're open to other solutions.
78	Does CCC have a preferred "go live" date ?	August 1st, 2021
79	Who has the authority to sign the proposal and how do they make decisions?	All RFP solicitations and subsequent recommendations for award are subject to Board of Trustee approval.
80	The RFP calls out an "on -prem" solution. Will the City Colleges team consider a cloud-based solution?	No, we will not. See the answer to the question #61.
81	What type of compliance are you wanting to address as defined in Exhibit A. Section 7.0	The data warehouse contains sensitive information, including personal identifiable information. We need to ensure that sensitive data is protected from hacking, breaches and misuse. We want to make sure we meet data privacy regulations. We want the solution provider to be able to provide different types of compliance reports.
82	Who has the authority to sign the proposal and how do they make decisions?	All RFP solicitations and subsequent recommendations for award are subject to Board of Trustee approval.
83	What can be shared about ETL and/or Data Cleansing platform?	See the answer to the questions #11 and #26.
84	The RFP Cover Page states "Proposals must be received no later than 11:00 p.m. local Chicago time, on Friday, September 25, 2020." Section V - General Instructions, Subsection A instructs "Proposals must be received no later than 11:00 a.m. local Chicago time, on Friday . September 25, 2020." Please confirm if proposal should be submitted by 11:00 am or 11:00 pm on 09/25/20.	Proposals are to be submitted by 11:00 a.m. local Chicago time
85	For our responses to Exhibits A and B, do the comments and responses need to fit in the Excel cell provided, or can supplementary information be provided as attachments?	Supplementary information for Exhibit A and B that cannot be included in the Excel spreadsheet should be referenced in that location, and where possible a link provided.
86	Does CCC have the ability to expand the hardware environment in the event of future data growth, additional data sources, or other reasons?	Yes, we are evaluating our current hardware environment but have not yet made a decision to replace.
87	Do both the test environment and the production environment need to fit within the hardware environment shown, or would those specifications be used for each of the two environments?	The hardware is used for both test and production environments.

88	Please describe the expected size of the data: number and size of tables, number of records, etc., as well as expected growth over the next 3 years	See the answer to the questions #2 and #11
89	What does CCC currently use for their current data warehouse solution?	See the answer to the questions #27 and #46
90	How does CCC prove compliance today? Is compliance metric/KPI based? Please provide additional context for this requirement.	Our current solution has both security measures and role based permissions (based on role and location) in place to ensure access to student-level data is FERPA compliant.
91	Does the requested Data Warehouse and Business Intelligence solution replace the current data warehouse, or will the current data warehouse be used as an ongoing data source? Reference requirement 9.04 which requires the requested solution to connect to "data warehouse OLAP cubes"	We are looking to replace completely our current data warehouse.
92	Please define "compatible" in regards to mobile devices; what functionality is expected to be available / accessible on mobile devices?	We would like our users on mobile devices to be able to view and share reports and dashboards with other users.
93	What is the budget for this project?	See the answer to the question #60
94	It was mentioned during the Pre proposal call that CCC is currently running Microsoft OS. Are you open to solutions that require a Linux OS?	We would like to stay with our environment standard, which is Microsoft OS.
95	A Project Plan and named resources have been requested which ultimately are contingent upon contract signature dates and detailed requirements. Is it acceptable to position the plan and resources as "typical" with the understanding that the actual plan and resources will be determined after contract signature and requirements gathering?	It is acceptable.
96	What does "one per firm" refer to in the following question: "Proposers are required to provide at least three (3) references, one per firm for whom you have provided services to as requested in this RFP..."	References should be provided from 3 different firms or project sites for which services have been provided.
97	Considering the pandemic and current remote working conditions, would City Colleges of Chicago consider waiving the hard copy and original signature requirement?	No
98	What is the project kickoff date? Target completion date?	We hope to start the project in January 2021.
99	Can the CCC make available Domain Experts and/or Techno-Functional SMEs during the course of the engagement?	See the answer to the question #14

100	Would it be feasible to get a demo/functional walkthrough of the existing system?	A demo of our existing DW and BI environment will not be available during the RFP process.
101	What are the ETL/BI tools being used in the existing EDW/BI solution?	Our vendor's (Zogotech) ETL tool is written in Python that extracts data from the source (PeopleSoft, Campus Solution) then updates the MS SQL Server database as our data warehousing. The data warehouse solution is using MS SQL Server 2014/2016 platform with star schema. It has over 2,000 tables but most of them are intermediate tables and only about 10 -15 tables we're actually using as the final datasets. The data is refreshed once a day by running the nightly ETL that takes about 8 hours.
102	<p>Apart from Oracle PeopleSoft Campus Solution v.9.0 and LMS, which of the below source systems need to be included in the new DW/BI solution?</p> <p><i>PeopleSoft Human Capital Management, Version 9.2</i> <i>PeopleSoft Financials and Supply Chain Management, Version 9.2</i> <i>PeopleSoft Portal, Version 9.1</i> <i>Taleo Enterprise – Recruitment Application, Version 17.6</i> <i>Ad Astra – Room and Event Scheduling Application, Version AS8</i> <i>Q-Flow - Appointment Scheduling, Version 6.2</i> <i>Brightspace - Learning Management System, Version 20.20.5.22011</i> <i>GradesFirst - Student Retention and Appt Scheduling System, Version 2020</i> <i>CRM – Oracle Service Cloud, Version 17D</i></p>	The scope of this engagement is only to include Oracle PeopleSoft Campus Solution v.9.0 and Brightspace data.
103	<p>What are the current data volumes at each data source?</p> <p>What is the estimated volume of data in GB or TB for daily runs and historical data that needs to be migrated?</p>	See the answer to the question #2
104	As per the RFP, around 200 enterprise reports are to be converted. Is information available about the complexity and criticality of each report?	<p>We will be reviewing the existing 200 reports to determine how well they meet CCC needs and analyzing usage statistics. We expect that many reports will be eliminated or consolidated, while others will need to be migrated and/or updated, and new reports identified.</p> <p>Most of the existing 200 reports are simple reports based on the OLAP cube structure and can easily be created by end users using the drag and drop interface. We estimate there are 2 or 3 dozen reports of medium complexity that have been developed by power users and BI admin that cannot be created via our drag and drop interface and require more complex business logic.</p>
105	Apart from the existing 200 Enterprise reports, what is the approximate count and criticality of custom end user reports to be developed?	We will be reviewing the existing 200 reports to determine how well they meet CCC needs and analyzing usage statistics. We expect that many reports will be eliminated or consolidated, while others will need to be migrated and/or updated, and new reports identified.
106	<p>Out of existing 200 reports, we assume there will be approximately 20 Dashboards.</p> <p>Is that correct or can we know actuals number of Dashboards required.</p>	We have not been satisfied with the dashboarding functionality and visuals provided by our current vendor. As a result, our use of dashboard has been limited. We welcome the opportunity to convert and consolidate some of our existing reports into dashboards.
107	From a performance standpoint, how many years of historical data need to be retained in the proposed EDW solution? Is data archiving part of scope?	We welcome recommendations on balancing performance with our needs for access to historical data. We currently have data going back to 2004. Lack of access to historical data can be a limiting factor in how we can use the data in our data warehouse.

108	Is the hardware mentioned in the "Scope of Services" already available or needs to be procured?	The equipment listed in the "Scope of Services" is in our possession. However, we are evaluating our current hardware environment, but have not yet made a decision to replace it.
109	Are there any existing licensing aspects which need to be considered while deciding on the infrastructure for the proposed EDW solution?	Our current BI/EDW solution has the enterprise licensing structure, which means unlimited users can access the BI tool. Since we're using MS SQL Server as our data warehouse tool, our Infrastructure team manages the SQL licenses. Ideally, we would like to have similar licensing structure.
110	Can the solution approach involve licensed / enterprise tools for data integration , data visualization and Job Scheduling, affecting the initial and running costs of the system.	See the answer to the question #109
111	Are there any SLAs / performance requirements for the reports?	We would like the solution provider to submit the SLAs for our review.
112	Changes to source systems to support new EDW/BI platform is part of CCC's scope. Please confirm.	In scope is to integrate and store data from Oracle PeopleSoft Campus Solution v.9.0 (currently available in our data warehouse) and Brightspace (CCC's LMS system).
113	Is there availability of alternate source system environment (replicated source) for data loading?	Our source system is PeopleSoft and we're pulling the data directly from the production environment on a nightly basis to data warehouse. There is no alternative environment that we can replicate the data.
114	Is there any mandatory / statutory requirement on the engagement model? For Ex. Are any resources expected to be at onsite or client location?	Only what was described in the RFP documents.
115	Does the CCC have any specific expectations in terms of timelines on this engagement?	We would like to replace the current solution by August 1st, 2021. Integration and storage of Brightspace data may take place after the completion of phase 1 (integration of PeopleSoft Campus Solution data).
116	Will the ownership for Disaster recovery will be on CCC. Please confirm	Yes, CCC will take ownership of the disaster recovery of the data in the data warehouse.
117	Infrastructure (hardware) cost for the proposed EDW/BI solution is part of CCC scope. Please confirm.	This is correct. The cost of replacing the equipment belongs to CCC.
118	Source systems SME support, all ADMIN (Network/OS/DB etc.) support for existing source systems and new EDW/BI system is part of CCC scope, pls confirm	Yes, we will have representatives from each area to help us with this new system implementation.
119	Is there a user role matrix which specifies privileges for different types of users that need to access the reports?	Yes, we do.