Cashiering and Revenue Accounting

Reference Number	Mandatory/Desirable/ Optional	Requirement	Proposer Fit Rating Response	Comments
CR 60.010	O	Oracle Financials	~~NA~~ CD	~~Our base software does not meet this requirement. Because of the changes required and unknown impact on the product, software modifications to meet this requirement are not included in our proposed scope.~~ The rating of this requirement has changed from NA to CD. The actual level of effort to meet this requirement will require additional analysis. Assuming a high degree of complexity for this interface, the level of effort is estimated at 800 hours.
CR 60.020	O	SAP	~~NA~~ CD	~~Our base software does not meet this requirement. Because of the changes required and unknown impact on the product, software modifications to meet this requirement are not included in our proposed scope.~~ The rating of this requirement has changed from NA to CD. The actual level of effort to meet this requirement will require additional analysis. Assuming a high degree of complexity for this interface, the level of effort is estimated at 800 hours.
CR 60.030	O	Infinitec	~~NA~~ CD	Our base software does not meet this requirement. Because of the changes required and unknown impact on the product, software modifications to meet this requirement are not included in our proposed scope. The rating of this requirement has changed from NA to CD. The actual level of effort to meet this requirement will require additional analysis. Assuming a high degree of complexity for this interface, the level of effort is estimated at 800 hours.
CR 60.040	O	Manitron	~~NA~~ CD	Our base software does not meet this requirement. Because of the changes required and unknown impact on the product, software modifications to meet this requirement are not included in our proposed scope. The rating of this requirement has changed from NA to CD. The actual level of effort to meet this requirement will require additional analysis. Assuming a high degree of complexity for this interface, the level of effort is estimated at 800 hours.

Cashiering and Revenue Accounting

Reference Number		Mandatory/Desirable/ Optional	Requirement	Proposer Fit Rating Response	Comments
CR	60.050	O	Nextech	~~NA~~ CD	~~Our base software does not meet this requirement. Because of the changes required and unknown impact on the product, software modifications to meet this requirement are not included in our proposed scope.~~ The rating of this requirement has changed from NA to CD. The actual level of effort to meet this requirement will require additional analysis. Assuming a high degree of complexity for this interface, the level of effort is estimated at 800 hours.
CR	60.060	O	CIC	~~NA~~ CD	~~Our base software does not meet this requirement. Because of the changes required and unknown impact on the product, software modifications to meet this requirement are not included in our proposed scope.~~ The rating of this requirement has changed from NA to CD. The actual level of effort to meet this requirement will require additional analysis. Assuming a high degree of complexity for this interface, the level of effort is estimated at 800 hours.
CR	60.070	O	KomTek	~~NA~~ CD	~~Our base software does not meet this requirement. Because of the changes required and unknown impact on the product, software modifications to meet this requirement are not included in our proposed scope.~~ The rating of this requirement has changed from NA to CD. The actual level of effort to meet this requirement will require additional analysis. Assuming a high degree of complexity for this interface, the level of effort is estimated at 800 hours.
CR	60.080	O	MVM/ATCI	~~NA~~ CD	~~Our base software does not meet this requirement. Because of the changes required and unknown impact on the product, software modifications to meet this requirement are not included in our proposed scope.~~ The rating of this requirement has changed from NA to CD. The actual level of effort to meet this requirement will require additional analysis. Assuming a high degree of complexity for this interface, the level of effort is estimated at 800 hours.

Cashiering and Revenue Accounting

Reference Number		Mandatory/Desirable/ Optional	Requirement	Proposer Fit Rating Response	Comments
CR	60.090	O	Custom-developed	~~NA~~ CD	~~Our base software does not meet this requirement. Because of the changes required and unknown impact on the product, software modifications to meet this requirement are not included in our proposed scope.~~ The rating of this requirement has changed from NA to CD. The actual level of effort to meet this requirement will require additional analysis. Assuming a high degree of complexity for this interface, the level of effort is estimated at 800 hours.
CR	61.000	M	System Interface Development: The system shall provide a user friendly means to create the interfaces from the new system needed to support other related systems, including the unique environment in each County, utilizing any data in the system for that County subject only to Federal and State confidentiality requirements which may limit access to certain data fields (e.g., customer name and address). Description and documentation about the file formats shall be available as an integral part of the system help, and be accessible as part of the ongoing system change definition process in one of the initial steps of each change. Examples of the interfaces include but are not limited to:	~~NA~~ SF	The rating of this requirement has changed from NA to SF. The following assumptions will be observed when meeting this requirement: (1) The type and number of interfaces are described in the Attachment D of this Revised Offer. (2) Additional interfaces, beyond those listed in the Attachment D of this Revised Offer, will require a change request order (3) Each individual interface outlined in the Attachment D of this Revised Offer will have a single standard format, e.g., one format for each interface (4) Counties will have to follow a pre-defined standard format outlined for each of the individual interfaces.
CR	61.010	M	Money receipting	~~NA~~ SF	~~Our base software does not meet this requirement. Because of the changes required and unknown impact on the product, software modifications to meet this requirement are not included in our proposed scope.~~ The rating of this requirement has changed from NA to SF. Assumptions are listed in Requirement CR 61.000
CR	61.020	M	Registration data for image creation	~~NA~~ SF	~~Our base software does not meet this requirement. Because of the changes required and unknown impact on the product, software modifications to meet this requirement are not included in our proposed scope.~~ The rating of this requirement has changed from NA to SF. Assumptions are listed in Requirement CR 61.000

Cashiering and Revenue Accounting

Reference Number	Mandatory/Desirable/ Optional	Requirement	Proposer Fit Rating Response	Comments
CR 61.030	M	Tag lists	~~NA~~ SF	~~Our base software does not meet this requirement. Because of the changes required and unknown impact on the product, software modifications to meet this requirement are not included in our proposed scope.~~ The rating of this requirement has changed from NA to SF. Assumptions are listed in Requirement CR 61.000
CR 61.040	M	Antique vehicles	~~NA~~ SF	~~Our base software does not meet this requirement. Because of the changes required and unknown impact on the product, software modifications to meet this requirement are not included in our proposed scope.~~ The rating of this requirement has changed from NA to SF. Assumptions are listed in Requirement CR 61.000
CR 61.050	M	Sales tax	~~NA~~ SF	~~Our base software does not meet this requirement. Because of the changes required and unknown impact on the product, software modifications to meet this requirement are not included in our proposed scope.~~ The rating of this requirement has changed from NA to SF. Assumptions are listed in Requirement CR 61.000
CR 61.060	M	Delinquent property tax payments	~~NA~~ SF	~~Our base software does not meet this requirement. Because of the changes required and unknown impact on the product, software modifications to meet this requirement are not included in our proposed scope.~~ The rating of this requirement has changed from NA to SF. Assumptions are listed in Requirement CR 61.000
CR 61.070	M	NSF payments	~~NA~~ SF	~~Our base software does not meet this requirement. Because of the changes required and unknown impact on the product, software modifications to meet this requirement are not included in our proposed scope.~~ The rating of this requirement has changed from NA to SF. Assumptions are listed in Requirement CR 61.000
CR 61.080	M	Lienholders	~~NA~~ SF	~~Our base software does not meet this requirement. Because of the changes required and unknown impact on the product, software modifications to meet this requirement are not included in our proposed scope.~~ The rating of this requirement has changed from NA to SF. Assumptions are listed in Requirement CR 61.000

Cashiering and Revenue Accounting

Reference Number		Mandatory/Desirable/ Optional	Requirement	Proposer Fit Rating Response	Comments
CR	61.090	M	Signature images	~~NA~~ SF	~~Our base software does not meet this requirement. Because of the changes required and unknown impact on the product, software modifications to meet this requirement are not included in our proposed scope.~~ The rating of this requirement has changed from NA to SF. Assumptions are listed in Requirement CR 61.000
CR	62.000	M	Interface Types: The system shall provide for numerous interface types from the system, including but not limited to real-time single transactions and periodic batch files. The system shall provide the ability to create those interfaces in a wide variety of formats, including but not limited to XML, X12 EDI, and flat file txt, csv, spreadsheet.	~~NA~~ MA	~~Our base software does not meet this requirement. Because of the changes required and unknown impact on the product, software modifications to meet this requirement are not included in our proposed scope.~~ The rating of this requirement has changed from NA to MA. The following assumptions will be observed when meeting this requirement: (1) Interface formats will be limited to text format (Flat files) and to XML (Web services) (2) The type and number of interfaces are described in the Interface Inventory document. (3) Additional interfaces, beyond those listed in the Interface Inventory document, will require a change request order (4) Each individual interface outlined in the Interface Inventory document will have a single standard format, e.g., one format for each interface

Cashiering and Revenue Accounting

Reference Number		Mandatory/Desirable/ Optional	Requirement	Proposer Fit Rating Response	Comments
CR	58.050	M	Refunds associated with property tax, vehicle registration, vehicle titling	~~MI~~ SF	~~See CR 57.000 response~~ The rating of this requirement has changed from MI to SF. See comments in Requirement CR 58.000
CR	58.060	M	Associated penalties for delinquent collection / payment	~~MI~~ SF	~~See CR 57.000 response~~ The rating of this requirement has changed from MI to SF. See comments in Requirement CR 58.000
CR	59.000	M	Standardized Interface for Counties: System provides a tailored method to extract transaction data from the system for posting to the County financial system(s). Fields can be selected for posting as a standardized interface format to be used by all Counties.	~~MA~~ SF	3M will develop a standardized interface to allow counties to extract transaction data from the system for posting to the county financial systems. The rating of this requirement has changed from MA to SF. The following assumptions will be observed when meeting this requirement: (1) This requirement is satisfied by requirement CR 2.000 (refer to assumptions in that requirement) (2) The number of fields will be limited to a maximum of 20 fields. The actual fields will be defined during analysis activities.
CR	60.000	O	County System Interfaces: The system shall provide the ability to interface from the system to a wide variety of County systems, including but not limited to:	~~NA~~ CD	The rating of this requirement has changed from NA to CD. Each individual interface will require additional analysis to determine the effort for developing the specific interface. As an example, the effort level for medium complexity interfaces may vary between 300 to 500 hours; whereas highly complex interfaces may involve up to 1000 hours of effort. Since this is an optional requirement, the level of effort is included in the Optional Software Cost section of the Cost Proposal.

Cashiering and Revenue Accounting

Reference Number		Mandatory/Desirable/ Optional	Requirement	Proposer Fit Rating Response	Comments
CR	63.000	M	Interface Creation Scheduling: The system shall provide the ability to create the interface files on demand and also schedule the interface file creation, including multiple of times per day, daily, weekly, monthly. The system shall provide the ability to automatically create the interface file with only new data entered since the previous interface file was created.	NA MA	Our base software does not meet this requirement. Because of the changes required and unknown impact on the product, software modifications to meet this requirement are not included in our proposed scope. The rating of this requirement has changed from NA to MA. The following assumptions will be observed when meeting this requirement: (1) Interface scheduling requirements will be defined during analysis activities. (2) The type and number of interfaces are described in the Interface Inventory document. (3) Additional interfaces, beyond those listed in the Interface Inventory document, will require a change request order (4) Each individual interface outlined in the Interface Inventory document will have a single standard format, e.g., one format for each interface
CR	64.000	O	Interfaces Into the New System: The system shall provide the ability to process real time, batch files and manual entry from the County systems into the new system, based on a standard file layout. Data to be included includes but is not limited to:		
CR	64.010	O	Customer Address data from GIS	NA	Our base software does not meet this requirement. Because of the changes required and unknown impact on the product, software modifications to meet this requirement are not included in our proposed scope.
CR	64.020	O	Driver License Number or Tag Number data feed from Customer Queuing systems	NA	Our base software does not meet this requirement. Because of the changes required and unknown impact on the product, software modifications to meet this requirement are not included in our proposed scope.
CR	64.030	O	Returned Checks	NA	Our base software does not meet this requirement. Because of the changes required and unknown impact on the product, software modifications to meet this requirement are not included in our proposed scope.
CR	64.040	O	Delinquent Property Tax establishment and removal	NA	Our base software does not meet this requirement. Because of the changes required and unknown impact on the product, software modifications to meet this requirement are not included in our proposed scope.

Cashiering and Revenue Accounting

Reference Number	Mandatory/Desirable/ Optional	Requirement	Proposer Fit Rating Response	Comments
CR 64.050	O	Customer notes	NA	Our base software does not meet this requirement. Because of the changes required and unknown impact on the product, software modifications to meet this requirement are not included in our proposed scope.
		Reporting and Data Management		
CR 65.000	M	Accounting Reports: The system shall provide the ability to print and reprint standard and ad hoc accounting reports for authorized users.	SF	Finance inquiries provide a range of financial reports that can be printed or exported to CSV files. Ad-hoc accounting reports may be handled through other options such as a reporting database.
CR 66.000	M	Sorting and Extracting Accounting Reports: The system shall provide the ability to sort, extract and aggregate accounting reports using criteria such as county, office location, business date, terminal ID, operator, cashier drawer, inventory issued from, payment types, date ranges, zip codes and transaction types by any user specified daily, monthly and yearly (fiscal or calendar) timeframes.	SF	Inquiry functionality includes the ability to sort, group, filter, print, and extract data by a variety of methods, including location, user, cash drawers, payment methods, inventory issued, date ranges, and transaction types.
CR 67.000	M	Statistical Reports: The system shall generate statistical reports, by any selected criteria, including but not limited to:		
CR 67.010	M	Number of transactions	SF	The 3M solution includes a number of standard reports and inquiries available via the report menus. Statistical reports beyond the standard reports are best addressed through the use of a separate replicated database and through the use of a report writer tool. This separate environment for reporting is essential to minimize the performance impact of large queries on the transactional database. Our solution is based on Microsoft's SQLServer that will allow Kansas to use existing reporting tools (e.g., Crystal Enterprise) to generate necessary reports using data stored by our solution as one of many data sources.
CR 67.020	M	Number of vehicles registered	SF	See CR 67.010 response
CR 67.030	M	Number of each type of transaction by location	SF	See CR 67.010 response
CR 67.040	M	Number of each type of vehicle registered	SF	See CR 67.010 response
CR 67.050	M	Numbers of transactions by age groups	SF	See CR 67.010 response
CR 67.060	M	Numbers by endorsements by type	SF	See CR 67.010 response
CR 67.070	M	Numbers by restrictions by type	SF	See CR 67.010 response
CR 67.080	M	Numbers by license or permit type or a combination of age and class of license or age and endorsements, etc.	SF	See CR 67.010 response

Cashiering and Revenue Accounting

Reference Number		Mandatory/Desirable/ Optional	Requirement	Proposer Fit Rating Response	Comments
CR	68.000	M	Export Data: The system shall provide the ability to export data as a user selected file type (e.g., CSV, spreadsheet, XML).	SF	Cash Drawer and Finance currently provide export functions for CSV, spreadsheet and XML files for most inquiries and reports. The rating of this requirement remains SF. The following assumptions will be observed when meeting this requirement: (1) Export functionality in existing inquiries will satisfy this requirement (2) Adding export functionality to inquiries beyond those currently containing this functionality will constitute a potential change (3) Supporting file types will include CSV and spreadsheet

Data Warehouse

Reference Number		Final Business Requirements	Proposer Fit Rating Response	Comments
		Query and Reporting		
DW	1.000	System supports standard federal and state government reporting requirements in all modules/applications covered by this RFP.	SF	The proposed Data Warehouse toolset supports reporting on data from the 3M KS DMV Solution. The 3M MVS operational databases are replicated as-is each night, along with a limited number of tables that include aggregated data, to the reporting database.
DW	2.000	System allows users to drill down to supporting documents and related transactions from any transaction within the system.	SF	The Data Warehouse data model will include transaction-level detail that matches the 3M MVS data model. SQL Server Analysis Services (SSAS) supports linking data at the transaction level to the extent that the transactions are related in the 3M MVS databases.
DW	3.000	The report generator can include unstructured data in query results (e.g., MS Word, FileNet and other documents attached to transactions).	SF	Reports can be designed to include http links to documents and other systems that are URL addressable.
DW	4.000	The report generator links directly to the data dictionary to provide point and click data item selection for the user.	SF	SQL Server Reporting Services supports parameterized reports, which allows users to select from a pre-defined filter.
DW	5.000	The query engine can drill down from summary balances to the supporting detail transactions and drill up from the detail transaction to the summary balance (e.g., overtime expense to payroll employees contributing to expense to projects/grants specifically worked on.	SF	The OLAP cubes that run on SQL Analysis Services support drill up and down through multiple levels of aggregation.
DW	6.000	A properly authorized system administrator can define limits on the execution time for a report or query and/or the number of records to be retrieved with user options available to continue, cancel, or send to batch	SF	SQL Reporting Services includes settings for report timeouts. In addition, reports can be configured so that they cannot be run on demand.
DW	7.000	The report generator provides reports on user production statistics by user ID.	SF	SQL Reporting Services includes an execution log database to track report execution by user.
DW	8.000	The report generator can produce reports that include user designed graphs and charts, including, but not limited to:		
DW	8.010	Creation of graphic organizational charts from the reporting tool.	SF	SQL Reporting Services and Excel support graphic organizational charts.
DW	8.020	Creation of line graphs from the reporting tool.	SF	SQL Reporting Services and Excel support line graphs.
DW	8.030	Creation of pie charts from the reporting tool.	SF	SQL Reporting Services and Excel support pie charts.
DW	8.040	Creation of stacked bar charts from the reporting tool.	SF	SQL Reporting Services and Excel support stacked bar charts.
DW	8.050	Creation of min/mid/max line graphs from the reporting tool.	SF	SQL Reporting Services and Excel support line graphs.
DW	8.060	Creation of regression lines from the reporting tool.	SF	SQL Reporting Services and Excel support regression lines.

Data Warehouse

Reference Number		Final Business Requirements	Proposer Fit Rating Response	Comments
DW	8.070	Creation of geographic mapping from reporting tool. (i.e. Total transactions by location, i.e., county, Drivers License Station,etc)	TP	SQL Server 2008 supports geospatial data. The state could use their existing ESRI ArcGIS software to populate geographic mapping information on addresses stored in the data warehouse.
DW	9.000	Query and report results can be exported in various formats including, but not limited to:		
DW	9.010	External database	NA	Relational databases are not a native export format for SQL Reporting Services. Loading report data to external databases could occur through exporting the data to a common format (e.g. spreadsheet) and importing to the external database.
DW	9.020	Word processing format	SF	SQL Reporting Services supports exporting to word processing format.
DW	9.030	ASCII files	SF	SQL Reporting Services supports exporting to ASCII file format.
DW	9.040	Spreadsheets	SF	SQL Reporting Services supports exporting to spreadsheet format.
DW	9.050	Text files (.txt)	SF	SQL Reporting Services supports exporting to text file format.
DW	9.060	Other presentation formats (e.g., PDF format)	SF	SQL Reporting Services supports exporting to PDF format.
DW	9.070	Standard portable flat file formats	SF	SQL Reporting Services supports exporting to XML format.
		Data Warehouse/Decision Support		
DW	10.000	Data warehouse is portable and independent of any hardware platform.	SF	Data Models in SQL Server can be analyzed and exported.
DW	11.000	Data warehouse is independent of any operating system.	SF	SQL Server runs on Windows Server, but can be queried from a wide variety of operating systems.
DW	12.000	Data warehouse scales to allow the State to size the data warehouse to meet its ever-changing business needs. Clients and servers can be added, upgraded or removed as computing capacity needs change, without reconfiguring the Data warehouse.	SF	The SQL Server data warehouse is scalable and upgradeable.
DW	13.000	Data warehouse must include, but is not limited to:		
DW	13.010	Repository for design	SF	The proposed data warehouse includes a repository for design .
DW	13.020	Metadata repository	SF	The proposed data warehouse includes a metadata repository.
DW	13.030	Run-time repository	SF	The proposed data warehouse includes a runtime repository.
DW	13.040	Provides for ETQL (Extract, Transfer, Quality, Load) components	SF	The proposed data warehouse uses SQL Server Integration Services (SSIS) to support ETL.

Data Warehouse

Reference Number		Final Business Requirements	Proposer Fit Rating Response	Comments
DW	14.000	Data warehouse configurations/parameters are entirely table-driven as opposed to "hard coded."	SF	The data warehouse design will use a flexible data model with table driven ETL configuration.
DW	15.000	Data warehouse provides online report viewing and printing of ad hoc reports.	SF	SQL Server Reporting Services provides online viewing and printing of ad hoc reports via Report Builder.
DW	16.000	Data warehouse provide the ability for electronic distribution of ad hoc reports.	SF	SQL Server Reporting services can distribute ad hoc reports via web site or email.
DW	17.000	Data warehouse provides the ability to save/export ad hoc reports electronically.	SF	SQL Server Reporting Services provides the ability to save or export ad hoc reports via Report Builder.
DW	18.000	Data warehouse enables users to run ad hoc reports and queries without data warehouse performance degradation.	SF	SQL Reporting Services supports capabilities such as cached reports. In addition, SSAS has a demonstrated history of good performance with complex analytical queries. Ad Hoc queries should be run against the data warehouse rather than the transaction database.
DW	19.000	Data warehouse maintains an active metadata repository that contains definitions of all data elements and attributes within the data warehouse.	SF	The proposed data warehouse will store metadata in the ETL, RDBMS and OLAP tools.
DW	20.000	Data warehouse provides the capability for documentation (including source code, selection criteria, tables used, join criteria, date/time stamp) for all reports and analyses.	SF	The proposed data warehouse provides the capability to capture documentation.
DW	21.000	Data warehouse allows incremental refreshes of the data or a complete rebuild of the data warehouse based on administrator-defined parameters.	SF	SQL Server Integration Services allows complete rebuilds of the data warehouse. SQL Server 2008 includes the Change Data Capture technology, which supports incremental refreshes.
DW	22.000	Data warehouse refreshes will be efficient and timely.	SF	Assuming nominal daily loads, the ETL processes will be run in a batch in off hours so that end users are not impact.
DW	23.000	Data warehouse enables data refresh to occur as a scheduled events, real time, or manually.	SF	Scheduled batch updates are recommended although ETL processes may be run on demand as needed.
DW	24.000	Data warehouse integrates with all data contained in the DMV systems.	CD	The Data Warehouse solution will support data from the 3M transactional databases. The 3M MVS operational databases are replicated as-is each night, along with a limited number of tables that include aggregated data, to the reporting database.
DW	25.000	Data warehouse supports user generated, automated extract and load routines using ETQL components.	SF	ETL Development leverages Visual Studio BI Development Studio.
DW	26.000	Data warehouse allows the warehouse administrator to monitor and maintain the data warehouse using delivered out-of-the-box functionality.	SF	SQL Server contains native tools used to monitor and maintain the data warehouse.

Data Warehouse

Reference Number		Final Business Requirements	Proposer Fit Rating Response	Comments
DW	27.000	Data warehouse has the capability to capture and maintain external data that is not part of the DMV System.	SF	The data warehouse can capture data from source systems that are accessible in a standard manner (e.g. ODBC, flat file, or FTP).
DW	28.000	Data warehouse must provide the following process controls:		
DW	28.010	Comprehensive edit, validation, and balancing controls which prevent incomplete or incorrect data from being processed	SF	SQL Server Integration Services supports controls at the ETL design level.
DW	28.020	Programmatic control of the process flow to prevent data from being processed in the wrong sequence	CD	SQL Server Integration Services provides control of the process flow.
DW	28.030	Processing cycles completed in a logical and prescribed order	SF	SQL Server Integration Services provides control of the process flow.
DW	28.040	Integrity of data entering the database, safeguarded through editing criteria	SF	SQL Server Integration Services supports editing criteria for incoming data.
DW	28.050	Updating of tables/files upon completion of a logical unit of work according to State/agency business rules	CD	Business rules for completing updates would be designed into ETL routines.
DW	28.060	Data warehouse has the capability for integrated data quality control based upon user-defined criteria.	CD	Common data quality control (e.g. required fields, unique records) can be incorporated into ETL processes.
DW	29.000	Data warehouse has capability for lineage and impact analysis reporting.	SF	Based on the direction from KDOR implement a reporting database, lineage and impact analysis reporting is no longer applicable for the proposed solution.
DW	30.000	Data warehouse must provide user-controlled definition and maintenance of system values and business rules in tables without requiring programmer intervention or recompilation of programs.	SF	The dimensional design would be flexible to allow for new levels or elements in a hierarchy to be added without the need for recompilation of programs.
DW	31.000	Data warehouse provides at least the following analytical applications:		
DW	31.010	Vehicle Management	CD	The data warehouse provides analytical capabilities for Vehicle Management data from the 3M software using SQL Server Analysis Services.
DW	31.020	Driver Management	CD	The data warehouse provides analytical capabilities for Driver Management data from the 3M software using SQL Server Analysis Services.
DW	31.030	Inventory Management	CD	The data warehouse provides analytical capabilities for Inventory Management data from the 3M software using SQL Server Analysis Services.
DW	32.000	Analytical applications included with the data warehouse have the following functionality / characteristics at a minimum:		
DW	32.010	Completely web-enabled	SF	SQL Reporting Services and SharePoint tools are web-enabled.

Data Warehouse

Reference Number		Final Business Requirements	Proposer Fit Rating Response	Comments
DW	32.020	Able to drill down from summary data to detail transaction data	SF	SQL Reporting Services supports drilling down from summary data to transaction level data.
DW	32.030	Present data in both tabular and graphical formats	SF	SQL Reporting Services supports presenting data in tabular and graphical formats.
DW	32.040	Tightly integrated with the data warehouse	SF	SQL Reporting Services is integrated with SQL Server Analysis Services and the SQL Server database.
DW	32.050	Analytical applications have similar look and feel as other DMV System applications	SF	The 3M KS DMV solution components are built on Microsoft technologies that have a similar look and feel.
DW	33.000	Data warehouse enables administrator to customize their alerts and tracking of data warehouse performance, including but not limited to:		
DW	33.010	Data staging performance.	SF	The data warehouse allows the administrator to track data staging performance.
DW	33.020	Reporting performance.	SF	The data warehouse allows the administrator to track reporting performance.
DW	34.000	Data warehouse has the capability for the following types of alerts but is not limited to:		
DW	34.010	email	SF	SQL Reporting Services supports delivering reports via email.
DW	34.020	pop-up	SF	SQL Server Reporting services allows user to view reports in an HTML view.
DW	35.000	Financial Management analytical application provides the following functions/capabilities/reports/queries (including documentation) at a minimum:		
DW	35.010	Analyze actual revenues versus budget data	CD	The data warehouse supports analytical analysis for actual versus budgeted revenue. KDOR staff could build this report as one of the 75 custom reports included in the estimated work effort.
DW	35.020	Allow comparisons of this year versus last year data	CD	The data warehouse supports year on year analysis of financial data. KDOR staff could build this report as one of the 75 custom reports included in the estimated work effort.
DW	35.030	Provide month-to-month comparisons and analyses	CD	The data warehouse supports month to month analysis of financial data. KDOR staff could build this report as one of the 75 custom reports included in the estimated work effort.
DW	35.040	Analyze revenues by type	SF	A report to analyze revenues by type exists as a pre-defined report in the 3M software.
DW	35.050	Provide Quarter to Quarter comparison and analyses	CD	The data warehouse supports quarter to quarter analysis of financial data. KDOR staff could build this report as one of the 75 custom reports included in the estimated work effort.

Data Warehouse

Reference Number		Final Business Requirements	Proposer Fit Rating Response	Comments
DW	35.060	Provide current year Quarter to last year Quarter comparisons and analyses	CD	The data warehouse supports comparing financial data within the current quarter to the same quarter last year. KDOR staff could build this report as 1 of the 75 custom reports included in the estimated work effort.
DW	36.000	Purchasing Management analytical application provides the following functions/capabilities/reports/queries at a minimum:		
DW	36.010	Number and amount of POs by location	CD	The reporting solution supports providing number and amount of POs by location. KDOR staff could build this report as one of the 75 custom reports included in the estimated work effort.
DW	36.020	Average delivery time	CD	The data warehouse supports determining the average delivery time. KDOR staff could build this report as one of the 75 custom reports included in the estimated work effort.
DW	36.030	Comparative analysis of purchases for the last three years	CD	The data warehouse supports comparative analysis for purchases. KDOR staff could build this report as one of the 75 custom reports included in the estimated work effort.
DW	36.040	Analysis of master contract usage by buyer or commodity or dollar amount	CD	The data warehouse supports analysis for master contract usage. KDOR staff could build this report as one of the 75 custom reports included in the estimated work effort.
DW	36.050	Number and amount of POs by commodity	CD	The reporting solution supports providing number and amount of POs by location. KDOR staff could build this report as one of the 75 custom reports included in the estimated work effort.
DW	36.060	Commodity usage by location	CD	The reporting solution supports providing commodity usage by location. KDOR staff could build this report as one of the 75 custom reports included in the estimated work effort.
DW	36.070	Number and amount of POs by funding source	CD	The reporting solution supports providing number and amount of PO by funding source. KDOR staff could build this report as one of the 75 custom reports included in the estimated work effort.
DW	36.080	Number and amount of PO s by funding source by object code	CD	The reporting solution supports providing number and amount of PO by funding source by object code. KDOR staff could build this report as one of the 75 custom reports included in the estimated work effort.
DW	37.000	Data warehouse provides the ability to accommodate reporting on 'what-if scenarios	SF	The data warehouse includes Performance Point and Excel tools that modeling based SQL Server Analysis Services data.
DW	38.000	Data warehouse provides the ability print reports remotely.	NA	The data warehouse does not support remote printing of reports. To perform remote printing, a user could export the report to an electronic format and transfer it to the remote site for printing.

Data Warehouse

Reference Number		Final Business Requirements	Proposer Fit Rating Response	Comments
DW	39.000	Data warehouse provides the ability to store inquiries/queries permanently for reuse.	SF	The data warehouse includes SQL Reporting Services, which supports cached reports.
DW	40.000	Data warehouse provides the ability to have flexible, user-friendly, ad-hoc reporting.	SF	Microsoft Excel, SQL Report Builder and Performance all allow for various levels of ad hoc reporting against the Data Warehouse.
DW	41.000	Data warehouse provides the ability to restrict view/read only/update/refresh/delete capabilities to data by user-defined criteria (user id, user group, agency, etc.)	SF	The data warehouse includes SQL Server Analysis Services, which allows security to be incorporated directly on the data.
DW	42.000	Data warehouse has the capability for an audit trail of all refresh/updates to the data warehouse including but not limited to, user id, time/date stamp, number of records, status, process step, source, delta change.	MA	ETL processes to load 3M MVS data to the Reporting Database could be modified to include audit trail capabilities.
DW	43.000	Data warehouse shall be considered an application module of the DMV module in regards to Security and Audit section of the General and Technical Requirements.	SF	The data warehouse contains many of the same security and audit capabilities as the 3M software.
DW	44.000	The Data warehouse is a copy of the transaction and non-transaction data specifically structured for read-only (query, reporting, and analysis) capabilities.	SF	The data warehouse will include 3M transactional data in a denormalized structure.
DW	45.000	Data warehouse conforms to industry best practices for Decision Support and Data (reporting, query, and analysis) warehouses.	SF	SQL Server is an enterprise data warehouse based on leading industry practices.
DW	46.000	Data warehouse shall conform to General and Technical requirements as applicable.	SF	The data warehouse contains capabilities that meet many of the General and Technical requirements.