

EDD398772

State of West Virginia

Department of Education

Statewide Longitudinal Data System

COST RESPONSE



CHOICE
SOLUTIONS

Respectfully Submitted
10/09/2013 by
Choice Solutions, Inc.

We would like to collaborate on the SLDS project



to develop a comprehensive system that supports West Virginia student achievement and school improvement by providing educators, policy makers, and researchers with quality access to essential data and data-analysis tools.

REQUEST FOR PROPOSAL


WV SLDS

RFP # EDD398772

West Virginia Department of Education

Title Page

Cost Proposal

RFP Subject	WV SLDS
RFP Number	RFP # EDD398772
Vendor's Name	Choice Solutions, Inc.
Business Address	420 Lakeside Ave. Ste. 101 Marlborough, MA 01752
Phone Number	(508) 229-0044
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Contact Person	Zachary Tussing, VP
Email Address	ztussing@choicep20.com
Signature	
Date	10/03/2013

REQUEST FOR PROPOSAL
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Attachment C: Cost Sheet

Cost information below as detailed in the Request for Proposal and submitted in a separate sealed envelope. Cost should be clearly marked.

Other Option Pricing – Vendors should use the pricing page found in Attachment D: Optional Cost Sheet

DELIVERABLE (includes all requirements as described in specifications and mandatories)	COST
Project Management Components	\$150,000
Installation of software	included
Installation of hardware	\$ 15,000
Data Warehouse	\$950,000
Print-ready documentation explaining how the DWRS provides protection of educational student and staff data through data encryption, adherence to user-access roles, privacy requirements, and suppression rules	included
Within-system, pre-requisite electronic training modules related to security and privacy	included
Style Guide for web-based interface and print-on-demand reports	included
Implementation of proofing process with signature sign-off procedures for publication readiness	included
Designed web-based interface with a topic-driven menu with public-level dashboard display as default with adjustable parameters and a drillable interface for onscreen and downloadable reports	\$150,000
Customizable Reporting Tools at all user levels (e.g., WVDE programmers, WVDE trainers, WVDE general users, LEA users, school users, public) with adherence to user-access roles, privacy requirements, and suppression rules	\$300,000
Customizable reports (online and print-ready) from an intuitive and topic-driven menu in exportable formats for various user groups (e.g., WVDE programmers, WVDE trainers, WVDE general users, LEA users, school users, public) with adherence to user-access roles, privacy requirements, and suppression rules	\$100,000
Standard reports available through the web-based interface	included
Tools for the analysis and interpretation of data in reports	included
Implementation of training sessions for WVDE programmers with print-ready Training Resources and Training Guide for WVDE programmers	\$ 40,000
Implementation of training sessions for WVDE train-the-trainers with print-ready Training Resources and Training Guide for	(on next page)

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WVDE train-the trainers	\$ 70,000
Print-ready support documentation for end users	included
Electronic End-User Training Modules	included
Process Documentation, Business Rules, and Code for the following: <ul style="list-style-type: none"> • Data Architecture/Model Data Structure • Data Management/Mapping • Extract, Transform, Load (ETL) • Data Staging • Data Validation • Data Certification • Metadata/Data Dictionary 	\$200,000
Delivery of the DWRS and all related materials to WVDE	included
Hardware (provide a complete list of items)	*Not Applicable - see below
Minor Adjustments (e.g., design elements, report....)*	Hourly Rate: \$150/hour

*Will not be considered in the overall award of the RFP

Overall Total Cost: \$1,975,000

Invoices need to be worded according to the cost sheet to ensure payment.

If applicable, sign and submit the attached Resident Vendor Preference Certificate with the proposal.

Payment for maintenance and support may only be billed in arrears.

* We do not supply hardware or Microsoft software. We assume that the client does as education discounts are greater than we can obtain in the commercial market. We have included a list of required hardware and Microsoft software on pages 48-53 of the technical response that we have also attached to this cost proposal, but we DO NOT supply hardware.

Hardware required for the edFusion Solution for WV SLDS

Tools (including the name of the software and hardware)	Tool Functions	Technical Specs
Web Server/SharePoint Server	The purpose of the web server is to host the web component of the P-12 SLDS.	Web Server HDD <ul style="list-style-type: none"> • C:\ 80GB - OS Disk • E:\ 150GB - Data Disk RAM <ul style="list-style-type: none"> • 16 GB CPU <ul style="list-style-type: none"> • Speed: 2.40 GHz • Count: 2 Operating System <ul style="list-style-type: none"> • Windows 2008 R2 x64 Enterprise • Version 64 Bit Software <ul style="list-style-type: none"> • Windows 2008 R2 x64 Enterprise • IIS 7.5, .NET 4.0 • SharePoint 2010 Enterprise • SharePoint Designer 2010

Hardware required for the edFusion Solution for WV SLDS

<p>Reports Server</p>	<p>The reports server is the central component of a Reporting Services installation. It consists of a pair of processing engines plus a collection of special-purpose extensions that handle authentication, data processing, rendering, and delivery operations. In the current implementation SSRS runs on Native deployment model. This server contains the SSRS component of Insight. The databases specific to this server are ReportServerDB and ReportServerTempDB, which are deployed on the ODS server as a part of the SSRS installation. These databases are used to store report configurations and other things including Caching, Session, and so on, which improve the overall performance.</p>	<p>HDD</p> <ul style="list-style-type: none"> • C:\ 80GB - OS Disk • E:\ 300GB - Data Disk <p>RAM</p> <ul style="list-style-type: none"> • 16 GB <p>CPU</p> <ul style="list-style-type: none"> • Speed: 2.40 GHz • Count: 2 <p>Operating System</p> <ul style="list-style-type: none"> • Windows 2008 R2 x64 Enterprise • Version 64 Bit <p>Software</p> <ul style="list-style-type: none"> • Windows 2008 R2 x64 Enterprise • SQL Server 2008 R2 Reporting Services <p><i>Notes:</i> Report Server and Report Server Temp databases will reside on the ODS Server</p>
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<p>RDS Server</p>	<p>Reporting Data Stores (RDS), or data marts, consists of the subject area-specific data optimized for reporting. Data is loaded into the RDS from the ODS using ETL. RDLs on the reports server connect to this server to query the data required to populate reports.</p>	<p>SQL Data warehouse and Integration Services</p> <p>HDD</p> <ul style="list-style-type: none"> • C:\ 80GB - OS Disk • E:\ 1TB - Data Disk <p>RAM</p> <ul style="list-style-type: none"> • 32 GB <p>CPU</p> <ul style="list-style-type: none"> • Speed: 2.40 GHz • Count: 4 <p>Operating System</p> <ul style="list-style-type: none"> • Windows 2008 R2 x64 Enterprise • Version 64 Bit <p>Software</p> <ul style="list-style-type: none"> • Windows 2008 R2 x64 Enterprise • SQL Server 2008 R2 Enterprise • SQL Integration Services <p><i>Notes:</i> RDS will reside on this Server</p>
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Hardware required for the edFusion Solution for WV SLDS

<p>ODS Server</p>	<p>The ODS server houses the databases that are optimized for heavy Read/Writes. The kind of data residing on this server is SharePoint configuration& content databases and session-related data, as well as edFusion ODS.</p>	<p>HDD</p> <ul style="list-style-type: none"> • C:\ 80GB - OS Disk • E:\ 1TB - Data Disk <p>RAM</p> <ul style="list-style-type: none"> • 32 GB <p>CPU</p> <ul style="list-style-type: none"> • Speed: 2.40 GHz • Count: 4 • CPU - Core Count <p>Operating System</p> <ul style="list-style-type: none"> • Windows 2008 R2 x64 Enterprise • Version 64 Bit <p>Software</p> <ul style="list-style-type: none"> • Windows 2008 R2 x64 Enterprise • SQL Server 2008 R2 Enterprise • SQL Integration Services <p><i>Notes:</i> ODS, LDS and Staging will reside on this server</p>
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Hardware required for the edFusion Solution for WV SLDS

<p>Analysis Server</p>	<p>The analysis component of edFusion is deployed on this server. Analysis cubes on this server are used for aggregations and analytics which is sourced (data refresh) from the RDS. This provides the ability to perform multi-dimensional analysis, including drill down and rolling up to view data at different levels of detail.</p>	<p>SQL Server Analytical Services</p> <p>HDD</p> <ul style="list-style-type: none"> • C:\ 80GB - OS Disk • E:\ 1TB - Data Disk <p>RAM</p> <ul style="list-style-type: none"> • 32 GB <p>CPU</p> <ul style="list-style-type: none"> • Speed: 2.40 GHz • Count: 2 <p>Operating System</p> <ul style="list-style-type: none"> • Windows 2008 R2 x64 Enterprise • Operating System Version 64 Bit <p>Software</p> <ul style="list-style-type: none"> • Windows 2008 R2 x64 Enterprise • SQL Server 2008 R2 Enterprise • SQL Analysis Services <p><i>Notes:</i> Analysis Cubes will reside</p>
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Hardware required for the edFusion Solution for WV SLDS

<p>Supporting Infrastructure – FTP Server</p>	<p>This server is used for transferring data and codebase required for the edFusion solution. The folder structure is created based on the requirement to perform the following operations:</p> <ul style="list-style-type: none"> • Code migration • Data upload to serve the batch process 	<p>HDD</p> <ul style="list-style-type: none"> • C:\ 80GB - OS Disk • E:\ 1TB - Data Disk <p>RAM</p> <ul style="list-style-type: none"> • 4GB <p>CPU</p> <ul style="list-style-type: none"> • Speed: 2.40 GHz • Count: 1 <p>Operating System</p> <ul style="list-style-type: none"> • Windows 2008 R2 x64 Standard • Version 64 bit or 32 bit <p>Software</p> <ul style="list-style-type: none"> • Windows 2008 R2 x64
<p>Domain Controller</p>	<p>A domain controller is a server that is running a version of the Windows Server operating system and has Active Directory Domain Services installed.</p>	<p>HDD</p> <ul style="list-style-type: none"> • C:\ 80GB - OS Disk • E:\ 80GB - Data Disk <p>RAM</p> <ul style="list-style-type: none"> • 4GB <p>CPU</p> <ul style="list-style-type: none"> • Speed: 2.40 GHz • Count: 1 <p>Operating System</p> <ul style="list-style-type: none"> • Windows 2008 R2 x64 Standard • Version 64 bit or 32 bit <p>Software</p> <p><i>Notes: Used as Domain Controller</i></p>