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Welcome, Lu Anne Cottrill   Procurement | Budgeting | Accounts Receivable | Accounts Payable

Solicitation Response(SR) **Dept:** 0314 **ID:** ESR08211800000000830 **Ver.:** 1 **Function:** New **Phase:** Final ▼ **Modified by** batch , 08/28/2018

Header 📎 3

General Information | Contact | Default Values | Discount | Document Information

Procurement Folder: 481212	**SO Doc Code:** CRFQ
Procurement Type: Central Master Agreement	**SO Dept:** 0314
Vendor ID: 000000205334	**SO Doc ID:** HST1900000001
Legal Name: MPL CORP	**Published Date:** 8/16/18
Alias/DBA:	**Close Date:** 8/28/18
Total Bid: $952,801.60	**Close Time:** 13:30
Response Date: 08/21/2018	**Status:** Closed

Apply Default Values to Commodity Lines   View Procurement Folder

Proc Folder : 481212

Solicitation Description : Addendum 2 -Safety Information System Service Computer Sys

Proc Type : Central Master Agreement

Date issued	Solicitation Closes	Solicitation Response	Version
	2018-08-28
13:30:00	SR 0314 ESR08211800000000830	1

VENDOR
000000205334

MPL CORP |

Solicitation Number: CRFQ   0314   HST1900000001

Total Bid : $952,801.60   **Response Date:**   2018-08-21   **Response Time:**   14:08:37

Comments:

FOR INFORMATION CONTACT THE BUYER
Michelle L Childers
(304) 558-2063
michelle.l.childers@wv.gov

Signature on File   FEIN #   DATE
All offers subject to all terms and conditions contained in this solicitation

Page : 1   FORM ID : WV-PRC-SR-001

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
1	Computer services	1.00000	JOB	$952,801.600000	$952,801.60

Comm Code	Manufacturer	Specification	Model #
81110000			

Extended Description : ***If Vendor is submitting bid online, Vendor must upload and attach the Exhibit A Pricing Page. Total Bid Amount from the Exhibit A Pricing Page is the amount Vendor is to enter into wvOASIS commodity line when submitting online.

Background and Purpose

In April 1982, the West Virginia Department of Mines (DOM) entered into a cooperative agreement with West Virginia University and Management Information Systems, of Buckhannon, West Virginia. This agreement provided for a pilot project to computerize a few DOM files containing data related to maintaining and increasing the safety in which the West Virginia mining labor force worked. From this initial work, the viability and worth of a computer-based information system was demonstrated.

The Director of the DOM extended and expanded the scope of work, increasing fiscal support to accommodate data in a number of different areas. In addition to expansion in the area of mining health and safety, data related to oil and gas well operations were computerized using the information system. Access was also provided for the DOM regional offices during the expansion.

In June 1985, MIS Corporation was purchased by MPL Corporation, a certified women-owned business and an SBA-certified small business, which continues to provide timesharing, development, maintenance, and user support services for this undertaking. The information system was named the Safety Information System (SIS) by the committee that was formed to plan and evaluate system development and operations.

Since that time, the various changes in political administrations resulted in a succession of reorganizations. In its 1985 session, the West Virginia Legislature provided for creation of the West Virginia Department of Energy, to be formed from the DOM and units of the Department of Natural Resources. The Department of Energy reviewed the information products of the SIS and determined that continuation of the SIS was important for the successful operation of the Department.

In the late 80s, the West Virginia Legislature passed legislation that organized all existing State agencies into seven Departments, to be administered by Secretaries appointed by the Governor. Under this new legislation, the Department of Energy became the Division of Energy (DOE), a part of the State of West Virginia Department of Commerce, Labor and Environmental Resources. Under this Department, the Division of Energy (DOE), continued to use the SIS in the operation of its Oil and Gas and Health and Safety programs.

Then, in 1992, another re-organization saw the creation of the Office of Miners' Health, Safety and Training, with Oil and Gas and the remainder of the DOE (and various other environment-related agencies) combining to create the Division of Environmental Protection. Both the DEP and OMHST continued, separately, their information systems support contracts with MPL. DEP subsequently transitioned its data services to an in-house system, but OMHST has continued to use SIS productively to this date.

This Proposal provides for continuation of the OMHST Safety Information System for the period of September 1, 2018, to August 30, 2019.

SIS Facilities and Services

Hardware and Software Facilities

The SIS is available to the OMHST 24 hours per day, seven days per week, except during short periods of maintenance, repair, and backup.

The SIS is operated on a server system owned and operated by MPL Corporation of Buckhannon, West Virginia. MPL maintains the server and its operating systems at peak reliability.

Until May of 2013, the SIS was hosted on MPL-owned Vax hardware running the VMS operating system and the JANZABAR Data Management System (DMS). On its own initiative, beginning in May of 2012, MPL established an internal systems integration project to acquire, configure, and test a replacement for the Vax hardware that would be based upon current server hardware and Windows server software (including virtual machine capability) together with a Vax emulator package known as Charon Vax. MHST users have been operating the MHST SIS productively in that environment since that time.

As part of its long-term capital improvement plan, MPL acquired a gas-fired backup power generator in 2015 to address system access interruptions from long-term power outages such as that experienced during the derecho event in 2012. Hardware supporting the SIS has always been covered by an uninterruptible power supply, but its design is restricted to outages of less than 60 minutes duration. The backup generator addresses the need for coverage beyond 60 minutes, automatically kicking in within 15-30 seconds of the start of an outage event. Overall reliability of the SIS was improved as a result of this investment.

The SIS is operated as a private wide-area telecommunications network. This network makes the SIS available to central and regional offices located in Charleston, Westover, Danville, Welch, and Oak Hill. All sites are configured as local-area networks, and are connected to the SIS and to the Internet via State-acquired data services.

Several remote printers are currently attached to the SIS wide-area telecommunications network at each site. These printers provide high-speed printing for draft- and letter-quality documents originating on the SIS. OMHST data files will continue to be housed on MPL's storage media.

The Jenzabar DMS-Plus data management system (aka POISE) has been the primary software vehicle for applications services under the SIS. Since the SIS was started, MPL has provided SIS access to the POISE software and has enhanced it with improvements made by the POISE Company (a division of Jenzabar, Inc.). MPL has been a source for advanced POISE training and for POISE documentation. MPL will continue to provide DMS-Plus support for the SIS under this agreement.

MPL also provides support to OMHST for its initiative to collect data from mine operators and contractors via the Internet. The required quarterly employment and production reports are accepted, processed, and stored on a secure server, located behind MPL's firewall. This server is updated with all security patches as they become available. Routines that run on the SIS update the appropriate SIS files with data received on the server from the Web once the data has been validated. Access to the server is username and password protected, with users authorized solely by OMHST.

Information Service Areas

The SIS provides information for the OMHST in the form of various reports produced from its data files. While most of the information is directly related to OMHST operations and is taken from data that various mining businesses furnish to the agency, some information is kept to assist users in successful operation of the SIS. The data files are organized in folders.

SIS folders contain many thousands of files. While some of these files are major data files, others are batch and command procedures used to create reports or data file maintenance activities. Other files are screen format files that are used to paint screens for data entry and recall. Other form files are used for custom report production.

The MINES root folder contains all data related to the OMHST's operations and also contains data related to SIS documentation and operations. Folders contained within the MINES root folder include (but are not limited to):

SISDOC. This folder contains documentation (descriptive information and instructions) concerning OMHST files and computing. Further, SISDOC contains a list of SIS users and is the folder where SIS mail distribution lists are stored. SISDOC contains an interactive help facility specific to SIS computing and menus for use by agency management.

PERSONAL. OMHST users have personal sub-folders contained in a MINES sub-folder called PERSONAL. These personal folders are used to store temporary files and reports generated by the user.

ASSESS. This folder holds information related to personal and company health and safety assessments. These assessments result from violations of WV Mining Laws cited

by OMHST inspectors. The files and procedures in this folder replaced a manual assessment system, whereby assessments, assessment reductions, assessment notifications, assessment payments, appeals and other assessment-related activities were tracked.

DEEP. This folder contains data related to the general operation of underground coal mines. The first and oldest folder under the SIS, DEEP is used to process data on over 6,200 underground mines.   Files to track the issuance of special permits also reside on this folder, containing records on over 20,000 special permits. Mine ownership is also tracked on this folder in files containing ownership information for over 9,200 companies, 23,000 owners, and 24,000 facilities. Further, a code translation file is maintained under the DEEP folder that contains some 1,600 translations for various codes used within a number of files found on the various MINES folders.

SURFACE. The SURFACE folder provides tools for managing surface mining information and is organized in a structure parallel to the DEEP folder. Data are kept on some 7,700 surface mining permits, 360 quarries, 900 tipples/preparation plants, and 8,900 independent contractors.

SAFE. This folder contains files related to OMHST processing of the Comprehensive Mine Safety Programs submitted by mine owners and operators. The agency uses these files to conduct yearly evaluation of the programs of facilities with serious safety problems. These data files and procedures are also used to support the investigation of accidents, injuries, or fatalities.

INJ. This folder contains files related to mining accidents, injuries, and fatalities from 1980 to the present. Not only is it possible to recall specific accidents and injuries from these files, but occurrence may also be tallied in groups; for instance, by company, by region, by quarter, by type of injury, or by length of time a miner was off work because of an injury.

TON. This folder contains data related to mining production and employment from 1975 to the present. Detailed production and employment information has been entered into the system by OMHST personnel from 1983 to the present.   Summary production and employment information from earlier years was entered into the system by WVGES employees, working in cooperation with the OMHST. These data files and procedures are used heavily in support of the production of the OMHST's Annual Report. Most requests for information from outside the agency involve files within this folder.

CERT. This folder contains miner certification information. The OMHST issues all of the certifications it grants using the SIS. Information is stored on the system for all types of certifications, as well as for test scores, apprentice courses, and certification test failures. There are currently records for around 434,000 certifications on the SIS.

Certifications are added to the system as they are granted and historical information is added as time and resources allow.

INSPECT. This folder contains data on mine inspections from 1984 to the present. The information in this folder includes the number and type of violations issued (if any) as a result of each mine inspection, as well as information pertaining to current conditions at each mine inspected. These data support resource-planning efforts by the OMHST and assists it in focusing its efforts in support of mine health and safety.

ADMIN. Used primarily to manage the activities of the Mine Inspector's Examining Board of the OMHST. This folder also hosts data files used to perform in-house functions, such as managing employee information.

Scope of Work – SIS Operational Support Task

MPL agrees to provide the services described herein, in order to support the Safety Information System. It is according to the terms specified in this section that MPL will provide the information management system that encompasses the massive amount of data used by the West Virginia Office of Miners' Health, Safety and Training, as described above.

MPL will provide system support by maintaining hardware and software according to generally-accepted standards of availability and currency. The VMS operating system and POISE Data Management System, as well as server security, will be maintained at the highest level of update received by MPL.

MPL will assist the OMHST in arranging for interface between the SIS and other data systems and networks via data transportation on magnetic media and/or direct data systems intercommunications as required.

MPL Project Responsibilities

The primary responsibility of MPL shall be to work cooperatively with the OMHST in continued support of the project to maintain the server-based management information system for the OMHST.

In the next year of the project, MPL will continue to:

- Provide continued support for the project staff in the use of the VMS operating system, POISE Data Management System, and other software as deemed appropriate for the continued progress of this project.

- Provide assistance in developing the necessary files, forms, screens, menus, and specialized reports that OMHST staff deems necessary. This work will be performed as necessary to ensure that the system remains responsive to the agency's needs.

- Provide access to VMS and any other manuals relevant to the system at the MPL headquarters in Buckhannon, WV. MPL also provides an on-line HELP system through the SIS service that will aid the user in learning all relevant aspects of the VMS operating system. Each of the POISE programs also has standard help features available at the option level of the program.

- Prepare documentation in accordance with good auditing practices. MPL is familiar with standard auditing practices and will design all systems and related documentation for which it is responsible in accordance with those standards.

- Assist, when necessary, in demonstrations of SIS for outside agencies.

- Work with OMHST personnel in evaluating and designing improvements to the system.

- Make available on the SIS server the software necessary for the smooth function of the SIS, including the POISE Data Management System, a proprietary product of The POISE Product Center of Jenzabar, Inc. This software is available at all times that the server is in operation (24 hours per day, seven days a week, except for planned maintenance and backup).

- Support VMS, the operating system which provides SIS' system-level capabilities such as username/password login protection (for complete system security), text processing, device-to-device file copy routines, data backup routines, online help routine, and so on. MPL has over 30 years of experience with VMS, and is well acquainted with VMS capabilities and uses.

- Support the system that enables monthly reporting by operators and independent contractors of production and/or employment information via the Internet.

- Through modifications to this agreement or through separate agreements, participate in and support as appropriate other related projects.

System Operational Characteristics

Digital Equipment Corporation's VMS systems were designed for maximum uptime. Innovative features ensured data integrity, security, and reliability. For example, error correction code automatically detected and corrected many types of memory errors without disrupting operations. Many modern-day server platforms trace heritage back to VMS and the standards it set for usability, security, performance, flexibility of configuration, and reliability. Many non-stop "high availability" computer services continue to be hosted on VMS-based systems; see relevant Wikipedia entry for details. VMS (now referred to as OpenVMS) continues to be supported by Hewlett Packard, the descendent of Digital Equipment Corporation.

The combination of high-quality equipment and unique service provisions has given MPL an overall uptime greater than 99% in the years since 1982, and very few instances of unplanned downtime since service was initiated.

MPL performs daily backups of the server environment that hosts the SIS to network attached storage. The backup strategy is supported by a VMware-based virtual machine environment that enables rapid recovery in the event of hardware failure, allowing rehosting the servers quickly onto replacement hardware. Copies of backup snapshots are maintained offsite to provide disaster recovery capability. MPL has contingency plans in place, should a disaster strike the site that houses the server system serving the SIS.

VMS provides a hierarchical system of access and security, providing read-only access for certain accounts and read/write access for users specifically identified by the OMHST as needing such access. Users have user-modifiable passwords, and a policy of required password changes at 90-day intervals is in effect.

VMS provides a flexible system for defining the access rights of all legal users to all data files, programs, and devices on the system. By careful preparation and planning, the SIS has been designed to precisely define individual user access to system resources.
In the event of unforeseeable tragedy, such as a fire at MPL corporate headquarters, MPL will execute its data processing catastrophe insurance to acquire remote data processing services at a compatible site.

Periodically, the OMHST requires special technical assistance. This assistance has included the sharing or exchange of data with other state and federal agencies, including the West Virginia Geological and Economic Survey, the State Tax Department, the State Worker's Compensation Commission, and the U. S. Department of Energy, via magnetic media or direct electronic transfer between data systems. MPL will continue to support these needs.

Data Processing Support Activities

The following list includes the tasks to be performed by MPL in support of SIS data processing.

- Meet with users periodically to identify needed improvements to SIS applications where time and feasibility analyses support such improvements.

- Develop new menus for specific user applications.

- Maintain, extend, modify, and/or archive existing system data files.

- Maintain and/or modify existing file-maintaining and list-producing batch jobs.

- Maintain, modify, and/or augment existing menus for easy data entry and information review.

- Maintain and/or modify existing command procedure files that allow the user to issue simple commands to perform complex tasks.

- Update system documentation to cover all existing batch jobs, command procedures, and data files.

- Support the end-of-the-year tasks:

  o Run file edits of all current year's files

  o Run the jobs to produce the permit extensions

  o Run the jobs to produce the annual report

  o Describe all the new year's files

  o Create all the new year's screens

  o Modify all batch jobs to run off the new files

  o Modify all menus to include the new year's files

- Develop any special reports, data files, and/or screen formats that the OMHST specifies, subject to the available personnel time as specified in the Budget.

- Produce machine-readable copies of any data, as required by the OMHST.

- Maintain the server-based system that enables monthly reporting by operators and independent contractors of production and/or employment information via the Internet.

General System Support Activities

- Update and maintain group login file.

- Plan new and old account transactions. This includes adding new usernames and folders, as well as deleting those no longer needed.

- Perform regular system-wide and archival backups of all data stored on the system's disk drives; store backup copies in safe storage.

- Maintain the system's software at the most current level consistent with operation of all existing software.

- Monitor system performance and review system performance reports. This includes planning and system management activities to prevent or cure degradation in system performance.

- Review and respond to trouble reports.

Wide-Area Telecommunications Network Support

- Describe telecommunications requirements to vendors.

- Recommend telecommunications options to OMHST.

- Support connection of the SIS to OMHST's WAN.

Equipment Installation and Maintenance

- Install and support upgrades to hardware, software, and firmware located at MPL's host site.

- Schedule equipment repair and preventive maintenance where applicable.

- Test equipment when malfunction is detected.

- Perform certain limited equipment repair in consultation with vendors.

Administrative Support Activities

- Budgeting and budget transfers.

- Write and process proposals.

- Interact with other units to keep paperwork moving.

- Maintain an equipment inventory and inventory transfers.

- Arrange for space for project facilities.

Data Management Support Activities

- In cooperation with OMHST personnel, continue overall system analysis and planning.

- Allocate, expand, support, and maintain databases.

- Design and maintain screen format files.

Terms and Conditions

Contract Period - This request is for the 12-month period from September 1, 2018 through August 31, 2019. The agency retains right of contract termination upon 30 days written notice.

Deliverables - A monthly report showing labor hours consumed, labor hours remaining, and describing briefly the work completed during the month reported, due not later than the 5th business day of the month following.

Payment schedule and terms – Please deposit all payments issued by the State under the requisition number for the contract year September 1, 2018 to August 31, 2019, into MPL Corporation's account with Freedom Bank, on file with the State.

2018-2019 Budget			
Service	Quantity	Rate	Cost
Enable OMHST user access to SIS	12 months	$9750/month	$117,000.00
Continued Support and Maintenance	682 hours	$104.80/hr	$71,473.60
Data Processing Support Activities	150 hours	$104.80/hr	$15,720.00
General System Support and Online Reporting	128 hours	$104.80/hr	$13,414.40
Web-Based Reporting Support	40 hours	$89.08/hr	$3,563.20
New System Migration Support	120 hours	$104.80/hr	$12,576.00
Total			**$233,747.20**

The Office of Miners' Health, Safety and Training will be invoiced monthly for the work performed in each month, per the budget, and will vary based on the amount of work actually performed each month under the direction of the Office of Miners' Health, Safety and Training.

Safety Information System

Exhibit A - Pricing Page - REVISED FOR ADDENDUM 2

Item#	Description/item/part	Unit of Measure	Unit Price	Estimated Qty	Total Amount (First Year)
4.1.1	Enable OMHST User Access to Database Information System	Monthly	$ 9,750.00	12	$ 117,000.00
4.1.2	Continued support and maintenance of the server-based management information	Hourly	$ 104.80	682	$ 71,473.60
4.1.3	Data Processing Support Activities	Hourly	$ 104.80	150	$ 15,720.00
4.1.4	General System Support Activities And Online Reporting Activities	Hourly	$ 104.80	128	$ 13,414.40
4.1.5	Web-Based Reporting	Hourly	$ 89.08	40	$ 3,563.20
4.1.7	New System Migration	Hourly	$ 104.80	120	$ 12,576.00
				Year 1 Total	$ 233,747.20

Item#	Description/item/part	Unit of Measure	Unit Price	Estimated Qty	Total Amount (2nd Year)
4.1.1	Enable OMHST User Access to Database Information System	Monthly	$ 9,750.00	12	$ 117,000.00
4.1.2	Continued support and maintenance of the server-based management information	Hourly	$ 107.42	682	$ 73,260.44
4.1.3	Data Processing Support Activities	Hourly	$ 107.42	150	$ 16,113.00
4.1.4	General System Support Activities And Online Reporting Activities	Hourly	$ 107.42	128	$ 13,749.76
4.1.5	Web-Based Reporting	Hourly	$ 91.31	40	$ 3,652.40
4.1.7	New System Migration	Hourly	$ 107.42	120	$ 12,890.40
				Year 2 Total	$ 236,666.00

Item#	Description/item/part	Unit of Measure	Unit Price	Estimated Qty	Total Amount (3rd Year)
4.1.1	Enable OMHST User Access to Database Information System	Monthly	$ 9,750.00	12	$ 117,000.00
4.1.2	Continued support and maintenance of the server-based management information	Hourly	$ 110.11	682	$ 75,095.02
4.1.3	Data Processing Support Activities	Hourly	$ 110.11	150	$ 16,516.50
4.1.4	General System Support Activities And Online Reporting Activities	Hourly	$ 110.11	128	$ 14,094.08

Item#	Description/item/part	Unit of Measure	Unit Price	Estimated Qty	Total Amount
4.1.5	Web-Based Reporting	Hourly	$ 93.59	40	$ 3,743.60
4.1.7	New System Migration	Hourly	$ 110.11	120	$ 13,213.20
			Year 3 Total		$ 239,662.40

Item#	Description/item/part	Unit of Measure	Unit Price	Estimated Qty	Total Amount (4th Year)
4.1.1	Enable OMHST User Access to Database Information System	Monthly	$ 9,750.00	12	$ 117,000.00
4.1.2	Continued support and maintenance of the server-based management information	Hourly	$ 112.86	682	$ 76,970.52
4.1.3	Data Processing Support Activities	Hourly	$ 112.86	150	$ 16,929.00
4.1.4	General System Support Activities And Online Reporting Activities	Hourly	$ 112.86	128	$ 14,446.08
4.1.5	Web-Based Reporting	Hourly	$ 95.93	40	$ 3,837.20
4.1.7	New System Migration	Hourly	$ 112.86	120	$ 13,543.20
			Year 4 Total		$ 242,726.00
	(Total of Year 1, Year 2, Year 3, & Year 4)		**Total Bid Amount**		$ 952,801.60

Vendor Name:	MPL Corporation
Address:	P.O. Box 2226
	Buckhannon, WV 26201
hone Number:	304-472-9520
Email Address:	dsweda@mpl.com

Note: The estimated quantity represents the approximate volume of anticipated purchases only. No future use of the contract or any individual item is guaranteed or implied. Pricing Sheet will be used for evaluation puposes only.   Any travel expense should be included in bid amount.

ADDENDUM ACKNOWLEDGEMENT FORM
SOLICITATION NO.: HST1900000001

Instructions: Please acknowledge receipt of all addenda issued with this solicitation by completing this addendum acknowledgment form. Check the box next to each addendum received and sign below. Failure to acknowledge addenda may result in bid disqualification.

Acknowledgment: I hereby acknowledge receipt of the following addenda and have made the necessary revisions to my proposal, plans and/or specification, etc.

Addendum Numbers Received:
(Check the box next to each addendum received)

[X] Addendum No. 1   [   ] Addendum No. 6

[X] Addendum No. 2   [   ] Addendum No. 7

[   ] Addendum No. 3   [   ] Addendum No. 8

[   ] Addendum No. 4   [   ] Addendum No. 9

[   ] Addendum No. 5   [   ] Addendum No. 10

I understand that failure to confirm the receipt of addenda may be cause for rejection of this bid. I further understand that any verbal representation made or assumed to be made during any oral discussion held between Vendor's representatives and any state personnel is not binding. Only the information issued in writing and added to the specifications by an official addendum is binding.

MPL Corporation
_____
Company

_____
Authorized Signature

08/20/2018
_____
Date

NOTE: This addendum acknowledgement should be submitted with the bid to expedite document processing.
Revised 6/8/2012