

ARTICLE 10: PROJECT SPECIFICATIONS

SPECIFICATIONS

SECTION 01010

SUMMARY OF WORK

PART 1 - GENERAL

1.01 STIPULATIONS

- A. The "General Conditions for Construction Projects" form a part of this Section by reference thereto and shall have the same force and effect as if printed herewith in full.

1.02 LOCATION

- A. The site of the work to be performed under this contract is the South Mountain Restoration Center located in Guilford and Quincy Townships, Franklin County, Pennsylvania.

1.03 PROJECT DESCRIPTION

- A. The project includes furnishing all labor, materials, equipment, tools, and supervision required for making upgrades to the existing control system at the facility's Water Treatment Plant.

1.04 SCOPE OF WORK

Without intending to limit and/or restrict the work required by these Specifications, the work generally consists of, but is not limited to, the following items. Detailed requirements of the work are described in the Specifications.

- A. Upgrade the existing water treatment plant control system by replacing the existing filter control panel's back panel with a new back panel housing the upgraded controls. Upgrade includes installation of a Sentinel Control System, including a Programmable Logic Controller (PLC), a retrofit of the existing control panel's door with a Human Machine Interface (HMI) and removal of unused devices currently on the door.
- B. Install two (2) LC-115s. The LC-115 Liquid Level Controller is an instrument (a proportional controller) that measures and controls the level of water in a filter. The water treatment plant consists of two (2) Roberts Filter Reliant Model 100A package filter units.

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- C. Install four (4) Electro-Pneumatic Positioners, each with a gauge kit and a mounting plate to mount onto existing pneumatic actuators. The Contractor shall furnish, install and terminate any conduit and wires required for: controlling the effluent and Filter-to-Waste (FTW) valves from the LC-115s and interfacing signals from the control panel to the LC-115s.
- D. Install all necessary instrumentation & controls, circuit breakers, terminal blocks, ground blocks, conduit, relays, fuses, J-boxes, wire, pipe fittings and all other support circuitry and components necessary for a complete and functional system.
- E. The Contractor shall be responsible for obtaining any and all permits, including but not limited to, PA Department of Environmental Protection (DEP) and Department of Labor & Industry (L&I), required for the proper execution and completion of work under this contract. All licenses, permits, inspection fees, etc., shall be obtained by the Contractor and the cost shall be included in the Contract price.
- F. Provide testing, calibration and training of facility personnel for all equipment and systems installed under this contract. The Contractor shall be responsible for providing a fully integrated and properly operating monitoring and control system.

1.05 DATES OF COMPLETION

- A. No work shall commence until the Contractor receives a fully executed contract. All work under this contract shall be completed within **90 calendar days** from the effective date of the contract. Requests for extension of time shall be submitted in accordance with the General Conditions for Construction Projects.

1.06 SITE VISIT

- A. It is mandatory that the Contractor visit the site prior to bidding and carefully note all existing conditions. Any additions or items noted on the visit not clearly defined in the Specifications shall be brought to the attention of the Project Designer. All visits shall be made only after contacting the Facility Maintenance Manager, Mr. Dennis Fleagle, at (717) 749-4044. All prospective bidders shall sign the attached Proof of Visit form. **One signed copy of the Proof of Visit form must be returned with the bid or your bid will be rejected.**

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1.07 CLARIFICATION OF CONTRACT DOCUMENTS

- A. Any request for project clarification of Specifications shall be directed to the Project Designer or Chief Engineer:

Department of Public Welfare
Division of Facilities and Property Management
P.O. Box 2675
Harrisburg, PA 17105-2675

Attention: Mr. Barry J. Basom, P.E., Project Designer
Telephone: (717) 772-2088 Fax: (717) 772-2091

Attention: Mr. Michael G. Kapil, P.E., Chief Engineer
Telephone: (717) 772-2083 Fax: (717) 772-2091

- B. Any request for project clarification of financial language or invoices shall be directed to the Project Officer:

South Mountain Restoration Center
10058 South Mountain Road
South Mountain, PA 17261

Attention: Mr. John Eyer
Telephone: (717) 749-4012 Fax: (717) 749-3946

- C. Any request for project clarification of contract language or general conditions shall be directed to:

Department of Public Welfare
Division of Facilities and Property Management
P.O. Box 2675
Harrisburg, PA 17105-2675

Attention: Mr. Greg Kratzer
Telephone: (717) 425-5454 Fax: (717) 772-2091

END OF SECTION 01010

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SECTION 01040
SECURITY REQUIREMENTS

PART 1 – GENERAL

- 1.01 STIPULATIONS: The Contractor shall make himself familiar with all security procedures requirements of the South Mountain Restoration Center, licensed as a Skilled Nursing Facility. Some requirements to be aware of are as follows:
- A. The Contractor is required to provide the Facility with a list of names of all employees working on the project, for review by the Facility's security personnel.
 - B. In accordance with the Department of Public Welfare (DPW) contracts and the DPW Standard Contract Terms and Conditions, the contractor shall provide documentation of Criminal History Background Checks for employees of your Business entity.
 - C. All construction operations within the Facility must be coordinated with the Facility Maintenance Manager.
 - D. Parking: Construction vehicles, as well as employees' vehicles, will be parked in an area designated by the Facility and locked at all times. If any vehicles are to be left overnight, the license number or numbers of the vehicles shall be reported to the Facility's main office on a daily basis.
- 1.02 TOOLS: Tools shall be kept in a secure (locked) area, when not in use, and inventoried on a daily basis to insure proper accountability. While being used, they shall be kept in view or on person. Broken or non-usable tools are to be disposed of away from the Facility property. Any missing tools are to be reported promptly to the Facility Maintenance Manager.
- 1.03 FRATERNIZATION: There shall be no fraternization or private relationships of Contractor's employees with any Facility clients. This includes, but is not limited to, trading, bartering, receiving gifts, or money favors from the client or the clients friends, relatives, or representatives.
- 1.04 ALCOHOL AND CONTROLLED SUBSTANCES: Alcoholic beverages and controlled substances shall not be carried, stored, or consumed on the Facility property, nor left in any vehicle.

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1.05 GAMBLING: Gambling or wagering of any type is not permitted on the Facility property.

1.06 WEAPONS:

A. OFFENSE DEFINED

1. It shall be unlawful for any person to have in his possession or under his control, any weapon on the grounds of the Facility or provide a facility client, thereof, with any weapon, tool, implement, or other items.

B. DEFINITIONS

1. As used in this section, the word "unlawfully" means surreptitiously or contrary to law, regulation or order of the Facility authority.
2. As used in this section, the word "weapon" means any implement readily capable of lethal use and shall include any firearm, knife, dagger, razor, other cutting or stabbing implement or club, including any item which has been modified or adapted so that it can be used as a firearm, knife, dagger, razor, or other cutting or stabbing implement or club. The word "firearm" includes any unloaded firearm and the unassembled components of a firearm.

1.07 CONTRABAND

A. Providing contraband to Facility clients persons is prohibited.

1. Any person entering this Facility is subject to a search of their person at any time. While the person may refuse, his action may be cause for denial of further entrance.

END OF SECTION 01040

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SECTION 01300

SUBMITTALS

PART 1 - GENERAL

1.01 STIPULATIONS

- A. The "General Conditions for Construction Projects" form a part of this Section by reference thereto and shall have the same force and effect as if printed herewith in full.

1.02 SECTION INCLUDES/CONTENT

- A. Included in this section of the specifications is a list of approvals required for all materials incorporated into the project. The Department reserves the right to require additional approvals if necessary. No material, equipment or supplies listed herein shall be incorporated into the work until the Contractor has obtained prior approval from the Department.
- B. Submittals required are indicated in the description of items to be submitted, Paragraph 1.08.

1.03 SUBMITTAL PROCEDURES

- A. Comply with the following or resubmission will be required:
1. Indicate contract number and specification section on each item submitted.
 2. Signify approval by stamp, initialing and dating each item prior to submission to the Department.
- B. Four (4) copies of all submittals shall be delivered or mailed to:
- Department of Public Welfare, Division of Facilities and Property Management
1401 North 7th Street, 1st Floor, P.O. Box 2675, Harrisburg, PA 17105-2675
Attention: Barry J. Basom, Civil Engineer Consultant
- C. Items requiring testing shall be forwarded directly to the approved laboratory. The Contractor shall pay all costs associated with testing.
- D. Expedite critical materials, equipment and shop drawings, and other required submissions.
- E. Incomplete submissions will be returned for resubmission.
- F. Use of substitutions for materials or details shown on the contract drawings or called for in these specifications require written approval from the Department.

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1.04 PRODUCT DATA

- A. Manufacturer's printed directions and manufacturer's standard specifications showing all dimensions, cuts, finishes, etc., as well as catalog cuts and ratings of all material will be required and shall be submitted in advance prior to application and/or installation.

1.05 TESTS

- A. Submit required reports listing items tested, tests conducted and results obtained as specified.

1.06 CERTIFICATIONS

- A. Submit required certifications in written form identifying authorized representative, manufacturer, systems designer and other required data as specified.

1.07 WARRANTIES

- A. Refer to Specifications for required warranties. Copies of proposed warranties specified for products shall accompany the designated submittal of that product.

1.08 SUBMITTALS LIST

- A. Abbreviations

1. Mfr - for Manufacturer
2. Prod - for Producer or Supplier
3. SHDR - for Shop Drawings
4. DeDa - for Descriptive Data or Catalog Cuts
5. Samp - for Samples
6. Cert - for Certification
7. Tests - required Test Reports
8. Warr - for Warranties

DESCRIPTION OF ITEMS TO BE SUBMITTED	MFR	PROD	SHDR	DeDa	SAMP	CERT	TESTS	WARR
CONTROL SYSTEM, INCLUDING PLC AND HMI	X		X	X				X
LIQUID LEVEL CONTROLLER	X		X	X				X
ELECTRO-PNEUMATIC POSITIONER	X		X	X				X
MISCELLANEOUS COMPONENTS	X		X	X				

END OF SECTION 01300

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SECTION 01310

SEQUENCE OF CONSTRUCTION AND MILESTONES

PART 1 - GENERAL

1.01 STIPULATIONS

- A. The "General Conditions for Construction Projects" form a part of this Section by reference thereto and shall have the same force and effect as if printed herewith in full.

1.02 GENERAL REQUIREMENTS

- A. Before beginning work, the Contractor will be required to prepare a schedule in consultation with the Department. The work must be carried out in full accordance with the schedule. The Contractor shall arrange without any unnecessary interference with the Facility's operation.

1.03 CRITICAL MATERIALS AND EQUIPMENT

- A. The Contractor is cautioned that all necessary and required critical materials and equipment shall be ordered as quickly as possible, in order that the shipping will not delay the progress of the work or completion of the project.

1.04 CRITICAL ITEMS TO BE NOTED AS MILESTONES

- A. The Contractor may request partial payments for certain milestones during this project. The following milestones shall be the basis of payments to the Contractor.
1. All contracts less than \$25,000.00 shall be paid in one lump sum.
 2. Contracts \$25,000.00 and more may be paid in two parts:
 - a. 50% of the project work complete = 40% payment
 - b. 100% of the project work complete = 60% final payment
- B. Payment is subject to the provisions of the General Conditions and approval by the facility.

1.05 SUGGESTED SEQUENCE OF CONSTRUCTION

- A. Contractor shall coordinate all construction sequencing, scheduling and operation of all equipment with the Facility.

END OF SECTION 01310

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SECTION 13315

WATER TREATMENT PLANT CONTROLS UPGRADE

PART 1 - GENERAL

1.01 SUMMARY

- A. This specification covers the work necessary to furnish, install, test, calibrate, train water treatment facility personnel, and place into operation a retrofit upgrade of the existing water plant control system by replacing the existing filter control panel's back panel with a new back panel housing the upgraded controls, retrofitting the existing filter control panel's door with an HMI and removing unused devices currently on the door. This section describes the general requirements for providing the instrumentation and control equipment for monitoring and controlling the operation of the treatment facility. The specifications outline certain characteristics of the monitoring and control system, but do not describe all the details of system design and the various functions and equipment required. Furnish the system equipment complete with all necessary accessories, and appurtenances required for a properly operating system.

1.02 RELATED SECTIONS

- A. The "General Conditions for Construction Projects" form a part of this Section by reference thereto and shall have the same force and effect as if printed herewith in full.

1.03 SYSTEM DESCRIPTION

- A. The PA Department of Public Welfare (DPW) operates a water treatment plant at its South Mountain Restoration Center (SMRC) in Franklin County, PA. Placed into service in January 1997, the plant treats raw water from several springs and the Carbaugh Run Reservoir. The plant consists of conventional treatment with polyaluminum chloride for coagulation, pre-chlorination, and soda ash for pH adjustment, followed by two Roberts Filter Reliant Model 100A package units with dual-stage flocculation, tube settlers for sedimentation, multi-media filtration, and disinfection.
- B. Current daily production is approximately 0.11 million gallons per day (MGD). When water source is the springs, plant flow is 168 gallons per minute (gpm), reduced to approximately 128 gpm with reservoir use. The permitted design capacity of the plant is 0.12 MGD (84 gpm through one treatment unit in 24 hours).

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1.04 PERMITS, CODES AND STANDARDS

- A. The Contractor shall comply with all laws, ordinances, and regulations of all Authorities Having Jurisdiction, including Township, Borough, City, County, State, Federal and Public Utility. All licenses, permits, fees, inspection fees, etc., shall be obtained by the Contractor and the cost shall be included in the Contract price.
- B. The Contractor shall be responsible for obtaining any and all permits, including but not limited to, PA Department of Environmental Protection (DEP) and Department of Labor & Industry (L&I), required for the proper execution and completion of work under this contract.
- C. The minimum standard of work under this contract shall be in accordance with the following model building codes:

Uniform Construction Code (UCC) (2009)
National Electrical Code – NFPA 70 (2008)
International Plumbing Code (2009) - (with local amendments)

1.05 SUBMITTALS

- A. Submittals shall be in accordance with Section 01300. Submittals shall be provided for the following:
 - 1. Instrument diagrams.
 - 2. Wiring and control diagrams.
 - 3. Layout drawings of the system showing switches and control units in schematic form.
 - 4. Manufacturer's literature, illustrations, shop drawings, specifications and engineering data including design performance, material, wiring diagrams, and PLC programs.

1.06 OPERATION AND MAINTENANCE MANUAL

- A. Submit two sets of Operation and Maintenance (O&M) Manuals on all items of furnished equipment hardware and software, including but not limited to, instrumentation, programming systems and electrical.
- B. Include, as a minimum, the following data:
 - 1. Recommended start-up and troubleshooting procedures.
 - 2. Recommended preventative maintenance procedures and schedules.

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3. Parts list, by generic title and identification number.
4. Name, address, and telephone number of nearest supplier and spare parts warehouse, and name of service representative.
5. Wiring diagrams, schematics, and installation drawings.
6. System operational description and operating procedures for software and hardware.

1.07 EXISTING CONDITIONS

- A. The contractor (bidder) shall inspect the project site to verify all existing conditions affecting the work of this contract and to accurately determine quantities of equipment, materials and labor required to complete the work.
- B. The contractor shall plan and schedule all work with the approval of South Mountain Restoration Center.
- C. The contractor shall verify the existing conditions and shall report any discrepancies in the contract documents to the department immediately.
- D. The contractor shall take all precautions necessary to protect the interior of the existing building and existing equipment that is not to be impacted by this upgrade from damage that may be caused by his work. If damage does occur, the Contractor shall make all repairs to the satisfaction of the facility.

1.08 CLEANUP

- A. The Contractor shall maintain buildings, grounds and public properties free from accumulations of waste materials, debris and rubbish. At reasonable intervals during the progress of work, and when directed by the facility, the site and public properties shall be cleaned and waste materials, debris and rubbish shall be disposed of in appropriate manner. The Contractor shall provide containers for collection of waste materials, debris and rubbish. Waste materials, debris and rubbish shall be removed from the job site and legally disposed of at a landfill area in accordance with all applicable regulations. Burning or burying waste materials, debris or rubbish on project site shall not be permitted.
- B. At the completion of the Project, remove waste materials, rubbish, tools, equipment, machinery, surplus materials, etc. Broom clean paved and concrete surfaces. Repair, patch and touch up marred surfaces to specified finish or to match adjacent surfaces.

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PART 2 – TECHNICAL SPECIFICATIONS

2.01 GENERAL REQUIREMENTS

- A. This project includes replacing the existing filter control panel's back panel located in the water treatment plant with a new back panel housing the upgraded controls. The new back panel should be 27" wide by 33" high to fit existing back panel's location. The Contractor shall be responsible for removal of existing equipment (those to be replaced), and installation, testing and verification, and training of new equipment. The Contractor shall be fully responsible for providing an integrated and properly operating monitoring and control system.
- B. The water treatment plant controls upgrade description is based on Roberts Filter Group equipment to facilitate description of the functional intent of the system and in no way implies that other acceptable manufacturers cannot be used. The reason for mentioning a particular manufacturer's item is to establish a minimum standard of quality, below which the equipment will not be acceptable. Ensure that all instrumentation control and monitoring equipment to be furnished is made by manufacturers who specialize in the design and manufacture of instrumentation monitoring control equipment similar to what is proposed for this project.

2.02 SENTINEL CONTROL SYSTEM

- A. Contractor shall furnish and install one (1) Sentinel Control System, inclusive of a Programmable Logic Controller (PLC) and a Human Machine Interface (HMI) completely wired with all necessary circuit breakers, terminal blocks, relays, fuses and all other support circuitry and components. Control system will allow trending, datalogging, automatic plant shutdowns, system monitoring and automatic turbidity monitoring. Sentinel Control System shall be manufactured by Roberts Filter Group, or approved equal.
- B. All analog inputs and outputs are 4-20mA DC signals.
- C. For the retrofit upgrade, the existing control panel cabinet door shall be retrofitted with the new HMI. Existing panel mounted devices shall be removed and cutouts shall be plugged.
- D. Provide surge protection for all instruments and control system components which could be damaged by electrical surges caused by switching transients and lightning.
- E. Furnish and install an uninterruptable power system (UPS) to provide a reliable source of isolated, regulated uninterruptable power with no break in AC output power during a complete or partial interruption of incoming line power. The UPS shall provide lightning and surge protection. The UPS shall include audio-visual alarms to keep operators continuously advised of system status. The UPS shall be UL listed.

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- F. The Sentinel Control System shall be designed to accommodate the Input/Output (I/O) map shown below on Table 1, which represents all the signals to be tied into the upgraded control panel. A minimum of 20% spare I/O, of all types, is required of the control system.
- G. The control system shall be capable of, but not limited to, Modbus TCP/IP communications for remote monitoring and communicating with a SCADA system.
- H. The Contractor shall be responsible for furnishing and terminating all wires in the control panel and at the field devices, furnishing and installing any conduit required for tying in equipment to control panel, furnishing and installing all new equipment and removal (and disposal) of existing equipment that is to be replaced.

TABLE 1: I/O COUNT FOR UPGRADING EXISTING CONTROL SYSTEM

Name	DI	DO	AI	AO	Notes
Influent Valve		2			
Effluent Call to LC-115		2			
FTW Call to LC-115		2			
Surface Wash		2			
BW Inlet Valve		2			
TB Sample Pump/Solenoid		2			
Desludge Valve		2			
Primary & Secondary Floc Drive		2			
Filter Pressure Switch	2				
Filter Float Switch	4				
Clearwell OK to BW	1				
Start/Stop Plant from MCP	1				
Alarm Silence PB	1				
Instrument Air Low Pressure	1				
BW Inhibit to MCP		1			
Backwash Pump Start/Stop		1			
Alarm Horn		1			
Raw Water Turbidity Solenoid		1			
Hypochlorite Pump Start/Stop		2			
Soda Ash Pump Start/Stop		2			
Polymer Pump Start/Stop		2			
Alum Pump Start/Stop		2			
Effluent Turbidity			2		
Raw Water Turbidity			1		
Total I/O Count by Type	10	28	3	0	

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2.03 LEVEL CONTROLLERS

- A. The Contractor shall furnish and install two (2) LC-115 Level Controllers for controlling the Effluent and Filter to Waste (FTW) valve. The LC-115 Level Controller is an instrument (a proportional controller) that measures and controls the level of water in a filter. LC-115 Level Controllers shall be manufactured by Roberts Filter Group, or approved equal.

2.04 ELECTRO-PNEUMATIC TRANSDUCERS

- A. The Contractor shall furnish and install four (4) VRC VE700G Electro-Pneumatic Transducers, manufactured by Bray Control or approved equal, for controlling effluent and FTW control valves from the LC-115. Each electro-pneumatic transducer shall come equipped with a gauge kit and mounting plate to mount onto the existing pneumatic actuators. The Contractor shall furnish, install and terminate any conduit and wires required for controlling the effluent and Filter-to-Waste (FTW) valves from the LC-115s and interfacing signals from the control panel to the LC-115s.

2.05 MISCELLANEOUS COMPONENTS

- A. The Contractor shall provide all miscellaneous materials and equipment necessary for the complete and proper installation of the equipment under this project. This includes, but is not limited to, any and all required circuit breakers, terminal blocks, ground blocks, conduit, relays, J-boxes, wire, fuses and pipe fittings.

PART 3 – EXECUTION

3.01 TESTING AND VERIFICATION

- A. The Contractor shall be fully responsible for providing an integrated and properly operating monitoring and control system. The Contractor shall assume responsibility for providing instrumentation and control equipment that meets the functional intent of the contract documents, and the proper interface with existing equipment and controls.
- B. The Contractor shall be responsible for calibration, testing, start-up and initial operation of the system. Field test all equipment and controls to the full satisfaction of the facility so that each part and all components together function in the manner intended by the functional descriptions specified herein.

3.02 TRAINING

- A. The Contractor shall provide system training, including operation, maintenance and troubleshooting procedures for systems installed under this project.
- B. Conduct all training for facility personnel at the water treatment plant.

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3.03 WARRANTY

- A. The Contractor shall guarantee the workmanship, materials and equipment furnished against defects, performance and operation for a period of one (1) year after the date of final acceptance. Defective workmanship shall be construed as meaning defective materials and unsatisfactory installation and not intended to apply to ordinary wear and tear. The Contractor shall pay for any repairs or replacements caused by defective workmanship as construed herein within the period covered by the Guarantee, including all incidental work required to correct the deficiency.

END OF SECTION 13315

END OF SPECIFICATIONS

PROOF OF VISIT

Department of Public Welfare
Division of Facilities and Property Management

Project Reference No. W-0557-0901
Water Filtration System Upgrade
Building No. 5
South Mountain Restoration Center

Vendor's Name: Roberts Services, Inc.

Address: 214 N. Jackson Street

Media, PA 19063

I visited the Project site and reviewed the work to be completed prior to submitting a Bid Proposal.

Signature [Handwritten Signature] Date 4-26-11

ESCORTED BY:

Facility Representative's Signature: Dennis L. Blangit

Title: Facility Maintenance Manager

Date Escorted: 4/26/11

SPECIAL NOTE TO BIDDER

One signed copy of this Proof of Visit form must be returned with your Bid or your Bid will be rejected.
You may keep one copy for your records.

ARTICLE 11: PROJECT DRAWINGS

**NO
DRAWINGS
FOR THIS
PROJECT**

ARTICLE 12: FORMS

Department of Public Welfare Division of Facilities and Property Management 1401 North 7 th Street P. O. Box 2675 Harrisburg, Pennsylvania 17105-2675	Change Order Request # _____ Vendor _____	Project No.: W- _____ Project Title: _____ Facility: _____ Funds Commitment #: _____
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SECTION ONE – COMPLETED BY ORIGINATOR

A. The Originator of this Change Order Request is: Facility/Using Agency Contractor

B. This is a: Debit Credit Time Extension Other (Choose appropriate boxes)

C. Describe the Change(s) Requested: (Attach letter or proposals, if available.)

D. Additional Days Requested To Be Added to Contract _____ (Days)

E. Original Completion Date of Contract _____ New Completion Date of Contract _____

F. Dollar Amount of Change Order (+ or -) \$ _____

G. Name of Originator _____ Tele # _____ Date _____

SECTION TWO – COMPLETED BY FACILITY PROGRAM OFFICE DESIGNEE

A. Do you agree with the Requested Change Order Description? Yes No

(Provide revised description and cost estimate if different from SECTION ONE above.) _____

B. This Change Order is a direct result of (choose one only)

- Request of the Facility Post Design Revision Acts of God/Weather
- Unforeseen Job Conditions Other Reasons (explain) _____

C. Name of Facility Reviewer: _____ Telephone No.: _____ Date: _____

D. Final Cost of Change Order: \$ _____ Debit Credit

Contingency Funds Available: \$ _____ Additional Funds Required: \$ _____

Funds to be disencumbered: \$ _____

E. Contractor's quote and approval letter attached _____ Yes _____ No

Fund (10 digits)				Cost Center (10 digits)						General Ledger (7 digits)				
Ledger (2 digits)	Approp. (3 digits)	Fiscal Year	All Zeros (3 digits)	Agency (2 digits)	Dep (1)	Organization (4 digits)	Cost Function (3 digits)	Item (1)	Minor Object (3 digits)	Sub-Object (3 digits)				

SECTION THREE – COMPLETED BY DIVISION OF FACILITIES AND PROPERTY MANAGEMENT

A. Change Order Reviewed: Approved Not Approved Modified

B. Reason(s) for disapproval/modification: _____

C. Title of Reviewer: _____ Bureau/Division: _____

D. Name of Reviewer: _____ Telephone No.: _____ Date _____

SECTION FOUR – COMPLETED BY COMPTROLLER'S OFFICE

Must be approved by comptroller if contingency funds are not available.

Funds are available in the amount of \$ _____ for

Comptroller's Signature: _____ Date _____

A. Comptroller's Comments:

Upon completion, DFPM will distribute ccs to:

- Comptroller
- Budget
- Procurement
- Facility's COO
- Facility's Financial Manager
- Facility's Purchasing Agent
- Facility's Maintenance Manager
- DFPM

Department of Public Welfare Division of Facilities and Property Management 1401 North 7 th Street P.O. Box 2675 Harrisburg, Pennsylvania 17105	CERTIFICATE OF FINAL COMPLETION AND FINAL PAYMENT	Project No.: _____ Project Title _____ Location: _____ Funds Commitment # _____ : _____
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SECTION ONE

The Contractor on this project does hereby certify the Final Completion and Inspection Date as follows:

- A. That the work associated with the above-referenced project has been deemed complete on this date, _____; and further;
- B. That all of the construction work of this contract on the above-referenced project has been completed in an acceptable manner and in accordance with the plans and specifications and any approved contract modifications thereto, with the exception of those punch list items requiring completion as detailed in Section Two; and;
- C. That the Contractor, by virtue of said completion, can be paid all funds due and owing for the contract indicated above less one and one-half times the aggregate value of those certain Punch List items requiring completion or correction and any additional funds required to be retained by the Department, as set out in the General Conditions of Contract, and as indicated in Section Two or attached documents.

WITNESS the due execution hereof the _____ day of _____ year _____

 Contractor's Name

SECTION TWO

A. The Facility and the Designer shall detail all items required to be completed or corrected to comply with the Contract Documents and assess a reasonable cost to complete in the Punch List below (additional sheets may be attached, if required).

ITEM NO.	DESCRIPTION	VALUE
		\$
		\$
		\$
		\$
		\$

Sub Total \$ _____
 X 1.5 Multiplier

Punch List Total \$ _____

B. All Punch List Items shall be completed within thirty days after the date of the Final Completion, or before the contract's completion date, whichever comes first.

Recapitulation of Funds Retained

Punch List Total Listed Above	\$
Credit Change Order(s) Pending	\$
Debit Change Order(s) Pending	\$
Other Claims Pending	\$

Grand Total \$ _____

C. The Grand Total Amount is Agreed to by the Following Signees:

Contractor/Owner	Facility Representative	Div. of Fac. & Property Mgmt. Designer
Phone No.: _____	Phone No.: _____	Phone No.: _____
Date: _____	Date: _____	Date: _____

Vendor signs form and submits final invoice to facility. FMM & DFPM Designer review project and sign form. Facility submits completed form and final invoice to Comptroller for payment.

RECIPROCAL LIMITATIONS ACT REQUIREMENTS

Please Complete Applicable Portion of Pages 3 & 4 and Return with Bid.

NOTE: These Requirements Do Not Apply To Bids Under \$10,000.00

I. REQUIREMENTS

A. The Reciprocal Limitations Act requires the Commonwealth to give preference to those bidders offering supplies produced, manufactured, mined or grown in Pennsylvania as against those bidders offering supplies produced, manufactured, mined or grown in any state that gives or requires a preference to supplies produced, manufactured, mined or grown in that state. The amount of the preference shall be equal to the amount of the preference applied by the other state for that particular supply.

The following is a list of states which have been found by the Department of General Services to have applied a preference for in-state supplies and the amount of the preference:

STATE	PREFERENCE
1. Alaska	7% (applies only to timber, lumber, and manufactured lumber products originating in the state)
2. Arizona	5% (construction materials produced or manufactured in the state only)
3. Hawaii	10%
4. Illinois	10% for coal only
5. Iowa	5% for coal only
6. Louisiana	4% meat and meat products 4% catfish 10% milk & dairy products 10% steel rolled in Louisiana 7% all other products
7. Montana	5% for residents * 3% for non-residents* *offering in-state goods, supplies, equipment and materials
8. New Mexico	5%
9. New York	3% for purchase of food only
10. Oklahoma	5%
11. Virginia	4% for coal only
12. Washington	5% (fuels mined or produced in the state only)
13. Wyoming	5%

B. The Reciprocal Limitations Act requires the Commonwealth to give preference to those bidders offering printing performed in Pennsylvania as against those bidders offering printing performed in any state that gives or requires a preference to printing performed in that state. The amount of the preference shall be equal to the amount of the preference applied by the other state for that particular category of printing.

The following is a list of states which have been found by the Department of General Services to have applied a preference for in-state printing and the amount of the preference:

STATE	PREFERENCE
1. Hawaii	15%
2. Idaho	10%
3. Louisiana	3%
4. Montana	8%
5. New Mexico	5%
6. Wyoming	10%

C. The Reciprocal Limitations Act, also requires the Commonwealth to give resident bidders a preference against a nonresident bidder from any state that gives or requires a preference to bidders from that state. The amount of the preference shall be equal to the amount of the preference applied by the state of the nonresident bidder. The following is a list of the states which have been found by the Department of General Services to have applied a preference for in-state bidders and the amount of the preference:

STATE	PREFERENCE
1. Alaska	5%(supplies only)
2. Arizona	5%(construction materials from Arizona resident dealers only)
3. California	5%(for supply contracts only in excess of \$100,000.00)

- | | |
|-------------------|---|
| 4. Connecticut | 10%(for supplies only) |
| 5. Montana | 3% |
| 6. New Mexico | 5%(for supplies only) |
| 7. South Carolina | 2%(under \$2,500,000.00)
1%(over \$2,500,000.00) |
| | This preference does not apply to construction contracts nor where the price of a single unit exceeds \$10,000. |
| 8. West Virginia | 2.5%(for the construction, repair or improvement of any buildings |
| 9. Wyoming | 5% |

D. The Reciprocal Limitations Act also requires the Commonwealth not to specify, use or purchase supplies which are produced, manufactured, mined or grown in any state that prohibits the specification for, use, or purchase of such items in or on its public buildings or other works, when such items are not produced, manufactured, mined or grown in such state. The following is a list of the states which have been found by the Department of General Services to have prohibited the use of out-of-state supplies:

STATE	PROHIBITION
1. Alabama	Only for printing and binding involving "messages of the Governor to the Legislature", all bills, documents and reports ordered by and for the use of the Legislature or either house thereof while in session; all blanks, circulars, notices and forms used in the office of or ordered by the Governor, or by any state official, board, commission, bureau or department, or by the clerks of the supreme court . . ./and other appellate courts/; and all blanks and forms ordered by and for the use of the Senate and Clerk or the House of Representatives, and binding the original records and opinions of the Supreme Court . . ./and other appellate courts/
2. Georgia	Forest products only
3. Indiana	Coal
4. Michigan	Printing
5. New Jersey	For legislative printing and bidders for all of the following items:* automotive parts, farm machinery, stainless steel tableware, kitchen small wares, major household appliances, chain link fence, portable sanitation units, glass, glazier supplies, storage batteries, spark plugs and filters, automotive glass, dental casting, prosthetic devices, pianos, musical instruments, carpet and cushion, shades, upholstery materials and supplies, room air conditioning, electrical supplies, plumbing supplies, hardware supplies, fasteners, lumber, building supplies, audiovisual/video equipment, fire extinguishers, fire hose, motor oils, fuel oil, sporting goods, photographic supplies, police equipment and supplies, venetian blinds, drapes, cheese, fresh fruit and vegetables, ammonia, bleach, pails, cleaning soaps, toilet cleaner, bowl cleaner, sponges, paper towel dispensers, water hose, course paper products, corrections department uniforms fine paper and paper cups.
6. New Mexico	Construction
7. Ohio	Only for House and Senate bills, general and local laws, and joint resolutions; the journals and bulletins of the Senate and house of Representatives and reports, communications, and other documents which form part of the journals; reports, communications, and other documents ordered by the General Assembly, or either House, or by the executive department or elective state officers; blanks, circulars, and other work for the use of the executive departments, and elective state officers; and opinions of the Attorney General.
8. Rhode Island	Only for food for state institutions.

*If the bid discloses that the bidder is offering to supply one of the above-listed products from the listed state (or in the case of New Jersey, if the bid discloses that the bidder is from New Jersey and it is offering one of the above-listed items), it shall be rejected. Contractors are prohibited from supplying these items from these states.

II. CALCULATION OF PREFERENCE

In calculating the preference, the amount of a bid submitted by a Pennsylvania bidder shall be reduced by the percentage preference which would be given to a nonresident bidder by its state of residency (as found by the Department of General Services in Paragraph C above). Similarly, the amount of a bid offering Pennsylvania goods, supplies, equipment or materials shall be reduced by the percentage preference which would be given to another bidder by the state where the goods, supplies, equipment or materials are produced, manufactured, mined or grown (as found by the Department of General Services in Paragraphs A and B above).

THIS FORM MUST BE COMPLETED, AND RETURNED WITH THE BID

III. STATE OF MANUFACTURE

All bidders must complete the following chart by listing the name of the manufacturer and the state (or foreign country) of manufacture for each item. If the item is domestically produced, the bidder must indicate the state in the United States where the item will be manufactured. This chart must be completed and submitted with the bid or no later than two (2) business days after notification from the Issuing Office to furnish the information. Failure to complete this chart and provide the required information prior to the expiration of the second business day after notification shall result in the rejection of the bid.

ITEM NUMBER	NAME OF MANUFACTURER	STATE (OR FOREIGN COUNTRY) OF MANUFACTURE
-------------	----------------------	--

	Modicon M340 Control Platform with Red Lion Operator Interface Terminal and Ancillary Equipment. Manufactured in Darby, PA.	
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IV. BIDDER'S RESIDENCY

A. In determining whether the bidder is a nonresident bidder from a state that gives or requires a preference to bidders from that state, the address given on the first page of this invitation to bid shall be used by the Commonwealth. If that address is incorrect, or if no address is given, the correct address should be provided in the space below:

Correct Address:

Roberts Services, Inc.
214 N. Jackson Street
Media, PA 19063

B. In order to claim the preference provided under Section I.B., Pennsylvania resident bidders must complete the following or have such information on file with the Issuing Office:

1. Address of bidder's bona fide establishment in Pennsylvania at which it was transacting business on the date when bids for this contract/requisition were first solicited:

Roberts Services Inc.
214 N. Jackson St.
Meda, PA 19063

2. a. If the bidders is a corporation:

(1) The corporation is or is not incorporated under the laws of the Commonwealth of Pennsylvania.

(a) If the bidder is incorporated under the laws of the Commonwealth of Pennsylvania, provide date of incorporation:

01/01/1996

(b) If the bidder is not incorporated under the laws of the Commonwealth of Pennsylvania, it must have a certificate of authority to do business in the Commonwealth of Pennsylvania from the Pennsylvania Department of State as required by the Pennsylvania Business Corporation Law (15 P.S. §2001). Provide date of issuance of certificate of authority:

(2) The corporation is or is not conducting business in Pennsylvania under an assumed or fictitious name. If the bidder is conducting business under an assumed or fictitious name, it must register the fictitious name with the Secretary of the Commonwealth and the office of the prothonotary of the county wherein the registered office of such corporation is located as required by the Fictitious Corporate Name Act, as amended 15 P.S. §51 et seq. Corporate bidders conducting business under an assumed or fictitious name must provide date of registry of the assumed or fictitious name:

b. If the bidder is a partnership:

(1) The partnership is or is not conducting business in Pennsylvania under an assumed or fictitious name. If the bidder is conducting business under an assumed or fictitious name, it must file with the Secretary of the Commonwealth and the office of the prothonotary the county wherein the principal place of business is located as required by the Fictitious Name Act of May 24, 1945, P.L. 967, as amended 54 P.S. §28.1. Partnerships conducting business under an assumed or fictitious name must provide the date of filing of the assumed or fictitious name with the Secretary of the Commonwealth:

(2) The partnership is or is not a limited partnership formed under the laws of any jurisdiction other than the Commonwealth of Pennsylvania. If the bidder is an Out-of-state limited partnership, it must register with the Pennsylvania Department of State as required by the Act of July 10, 1981, P.L. 237, as amended, 59 Pa. C.S.A. §503. Out-of-state limited partnerships must provide the date of registry with the Pennsylvania Department of State:

c. If the bidder is an individual:

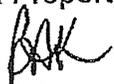
He or she is or is not conducting business under an assumed or fictitious name. If the bidder is conducting business under an assumed or fictitious name, he or she must file with the Secretary of the Commonwealth and the office of the prothonotary in the county wherein the principal place of business is located as required by the Fictitious Name Act of May 24, 1945, P.L. 967, as amended, 54 P.S. §28.1. Individuals conducting business under an assumed or fictitious name must provide the date of filing of the assumed or fictitious name with the Secretary of the Commonwealth:

MEMORANDUMPA Department of Public Welfare
Bureau of Equal Opportunity

Date: May 3, 2011

Subject: Evaluation and Determination
RFP: W-0557-0901
Effective Date: Within 120 days
RE: Water Filtration System Upgrade Bldg. 5 – South Mountain
Minimum Participation Levels: MBE 5% WBE 3%

To: Greg Kratzer
Division of Facilities and Property Management

From: Brenda A. Kates, Chief 
Contract Compliance Division

Pursuant to the Department of General Services Field Procurement Handbook-Part III, this office has evaluated the bid documents forwarded for this project. As a result of the evaluation, we have determined the following:

The bid submission of Roberts Services, Inc. at \$58,550.00 is responsive since the bidder did submit the required MBE/WBE Contract/Solicitation and Commitment Statement, along with sufficient evidence from which to evaluate the bidder's responsibility. All work will be done in house by the contractor's employees. The award to Roberts Services, Inc. will also result in the following:

WBE Participation	\$750.00 = 1.28%
a. Langley Transport	

Immediately upon award of this contract, the name, address and amount of the award to the awardee should be forwarded to this office.

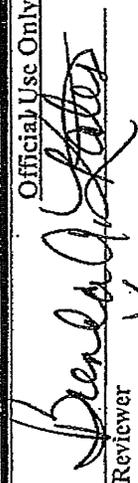
If you need additional assistance or have any questions, please contact me at (717) 787-9695.

MBE/WBE SUBCONTRACTOR AND SUPPLIER SOLICITATION AND COMMITMENT FORM

<p>(1) Company Name: Roberts Services, Inc. Address: 214 N. Jackson St. Media, PA 19063</p> <p>Telephone: 610 583 3131 FAX: 610 583 0117 E-Mail Address: Scars@robertsfiller.com Contact Person: SHARON CARLIS</p>	<p>(2) Contract Number:</p> <p>Bid Opening Date: 4/27/11 2:00</p> <p>Bid Amt. (Bid Base #1): \$ 58,550.00</p>
<p>Important Note: Failure to complete this Form and submit it with the bid will be sufficient cause for rejection of the bid as NOT RESPONSIVE.</p> <p style="text-align: center;">SEE INSTRUCTIONS ON REVERSE SIDE</p>	

ALL FIRMS SOLICITED OR WHICH HAVE PROVIDED UNSOLICITED QUOTES MUST BE INCLUDED ON THIS FORM.

Company Name, Address, Zip Code Tel. No. with Area Code Contact Person's Name	(4)		(5) Type of Work to be Performed and/or Material to be Supplied	(6) Total Dollar Amount of Quote Received	(7) Total Commitment Dollar Amount
	MBE	WBE			
Langley Transport PO Box 642 Freesterville, PA 19053 Nancy Langley (215) 638 9770	X		Freight	\$ 750.00	\$ 750.00

<p>NOTE: Minimum Participation Levels (MPLs): MBE - 5% WBE - 3%. A presumption of responsibility may be made if the dollar commitments to MBEs/WBEs reflect these minimum participation levels.</p>	<p style="text-align: center;">Official Use Only</p> <p style="text-align: center;">  Reviewer <input checked="" type="checkbox"/> Approved <input type="checkbox"/> Denied </p> <p style="text-align: right;"> Date <u>5/3/11</u> </p>
--	--

DEPARTMENT OF PUBLIC WELFARE
DIVISION OF FACILITIES AND PROPERTY MANAGEMENT
P. O. BOX 2675
1401 NORTH SEVENTH STREET
HARRISBURG, PENNSYLVANIA 17105-2675

CLARIFICATION NO.: _____

Issue Date: _____ Project Agency No.: _____

Project Title: _____ Bid Date: _____

Project Location: _____

The following explanation and clarification of the project specifications or drawings are provided herein. These items are hereby incorporated into the contract documents as a part of the work.

SPECIFICATIONS:

DRAWINGS:

Project Designer: _____ Telephone No.: _____

DEPARTMENT OF PUBLIC WELFARE
DIVISION OF FACILITIES AND PROPERTY MANAGEMENT
P. O. BOX 2675
1401 NORTH SEVENTH STREET
HARRISBURG, PENNSYLVANIA 17105-2675

BULLETIN NO.: _____

Issue Date: _____ Project No.: _____

Project Title: _____ Bid Date: _____

Project Location: _____

The following changes in the project specifications or drawings are provided herein. These items are hereby incorporated into the bid documents as a part of the work and will affect the bid proposal.

SPECIFICATION CHANGES:

DRAWING CHANGES:

Project Designer: _____ Telephone No.: _____

Please sign and date this Bulletin and attach a copy to the Bid Proposal. Bid will be rejected if this completed Bulletin is not included with the Bid Proposal.

Name: _____ Title: _____ Date: _____

Company: _____

SAMPLE – NOTICE OF AWARD – over \$25,000.

[Facility Letterhead]

Date

Contractor's Name
Address
Address

RE: DPW Project #:
[Project Title]
Amount of Contract - \$00,000.
Base Bid # _____

Gentlemen:

The Department of Public Welfare has determined that your firm has submitted the lowest responsible and responsive bid to perform work on this project. Required bonds and insurance documents must be completed and returned to [Name of Facility] in accordance with Article 9, Contract Surety and Insurance, before any work may begin.

Issuance of this Notice of Award shall not constitute a waiver of the Department's right to rescind the award. Please note that you will not have a commitment from the Department of Public Welfare until you have received a fully executed contract and a Notice to Proceed.

No off-site work should be commenced until you receive the fully executed contract and Notice to Proceed. The Facility will notify you of the date, time, and place of the Initial Job Conference, if required. Please remember that the number of calendar days allotted for completion of this contract is calculated from the effective date listed on the Notice to Proceed.

Sincerely,

[Name]
[Title]

SAMPLE – NOTICE OF AWARD – \$25,000. and under

[Facility Letterhead]

Date

Contractor's Name
Address
Address

RE: DPW Project #:
[Project Title]
Amount of Contract - \$00,000.
Base Bid # _____

Gentlemen:

The Department of Public Welfare has determined that your firm has submitted the lowest responsible and responsive bid to perform work on this project. Required insurance documents must be completed and returned to [Name of Facility] in accordance with Article 9, Insurance, before any work may begin.

Issuance of this Notice of Award shall not constitute a waiver of the Department's right to rescind the award. Please note that you will not have a commitment from the Department of Public Welfare until you have received a fully executed contract and a Notice to Proceed.

No off-site work should be commenced until you receive the fully executed contract and Notice to Proceed. The Facility will notify you of the date, time, and place of the Initial Job Conference, if required. Please remember that the number of calendar days allotted for completion of this contract is calculated from the effective date listed on the Notice to Proceed.

Sincerely,

[Name]
[Title]

Department of Public Welfare Division of Facilities and Property Management 1401 North 7 th Street P. O. Box 2675 Harrisburg, Pennsylvania 17105-2675	APPROVAL FOR MILESTONE PAYMENT	Project No.:
		Project Title:
		Location:
		Funds Commitment #:

Application is made for Milestone payment as shown below:

1. Milestone # _____: \$ _____

2. Description of Milestone:

The undersigned attest Completion of the Contractual Work conforming to Milestone

Contractor/Owner

Facility
Representative

DFPM Designer

Phone No.: _____

Phone No.: _____

Phone No.: _____

Date: _____

Date: _____

Date: _____

(After reviewed/approved and signed by above entities, attach invoice from Contractor including vendor's address and vendor's SAP #) and forward to DPW's Comptrollers for payment.)

PREVAILING WAGES PROJECT RATES

Project Name: W-0557-0901 Water Filtration System Upgrade - Building #5

Awarding Agency: DPW - Office of Mental Health & Substance Abuse Services

Contract Award Date: 3/25/2011

Serial Number: 11-01170

Project Classification: Building

Determination Date: 2/25/2011

Assigned Field Office: Harrisburg

Field Office Phone Number: 717-787-4763

Toll Free Phone Number: 800-932-0665

Franklin County

Building	Effective Date	Expiration Date	Hourly Rate	Fringe Benefits	Total
Asbestos & Insulation Workers	6/28/2010		\$30.63	\$20.13	\$50.76
Asbestos & Insulation Workers	6/27/2011		\$33.88	\$18.88	\$52.76
Boilermaker (Commercial, Institutional, and Minor Repair Work)	1/1/2010		\$23.59	\$15.15	\$38.74
Boilermakers	1/1/2011		\$37.35	\$28.12	\$65.47
Bricklayers, Stone Masons, Pointers, Caulkers, Cleaners	5/3/2009		\$27.84	\$14.13	\$41.97
Bricklayers, Stone Masons, Pointers, Caulkers, Cleaners	10/4/2009		\$27.84	\$14.18	\$42.02
Bricklayers, Stone Masons, Pointers, Caulkers, Cleaners	5/2/2010		\$29.77	\$14.22	\$43.99
Carpenters (Drywall Hangers, Instrument Men, Soft Floor Layers)	6/1/2009		\$24.79	\$9.68	\$34.47
Carpenters (Drywall Hangers, Instrument Men, Soft Floor Layers)	6/1/2010		\$25.33	\$10.14	\$35.47
Carpenters (Drywall Hangers, Instrument Men, Soft Floor Layers)	6/1/2011		\$25.85	\$10.61	\$36.46
Cement Finishers	5/1/2009		\$24.00	\$15.70	\$39.70
Cement Finishers	5/1/2010		\$24.00	\$17.45	\$41.45
Dockbuilder/Pile Driver Divers	1/1/2010		\$29.95	\$12.25	\$42.20
Dockbuilder/Pile Driver Divers	1/1/2011		\$30.35	\$13.10	\$43.45
Dockbuilder/Pile Driver Divers	1/1/2012		\$30.85	\$13.70	\$44.55
Dockbuilder/Pile Driver Divers	1/1/2013		\$31.45	\$14.20	\$45.65
Drywall Finisher	5/1/2009		\$22.15	\$9.14	\$31.29

PREVAILING WAGES PROJECT RATES

Building	Effective Date	Expiration Date	Hourly Rate	Fringe Benefits	Total
Drywall Finisher	5/1/2010		\$22.15	\$10.24	\$32.39
Drywall Finisher	5/1/2011		\$22.15	\$11.49	\$33.64
Electric Lineman	5/31/2009		\$37.27	\$15.43	\$52.70
Electric Lineman	5/31/2010		\$35.73	\$17.12	\$52.85
Electric Lineman	5/30/2011		\$36.57	\$17.34	\$53.91
Electric Lineman	11/28/2011		\$37.42	\$17.57	\$54.99
Electric Lineman	5/28/2012		\$38.30	\$17.81	\$56.11
Electric Lineman	11/26/2012		\$39.18	\$18.04	\$57.22
Electricians	12/1/2009		\$27.45	\$15.41	\$42.86
Electricians	6/1/2010		\$27.55	\$16.52	\$44.07
Electricians	6/1/2011		\$27.55	\$17.97	\$45.52
Electricians	6/1/2012		\$27.55	\$19.52	\$47.07
Elevator Constructor	1/1/2009		\$37.33	\$21.20	\$58.53
Elevator Constructor	1/1/2010		\$38.84	\$22.82	\$61.66
Elevator Constructor	1/1/2011		\$40.33	\$24.44	\$64.77
Elevator Constructor	1/1/2012		\$41.84	\$26.06	\$67.90
Elevator Tender (Use Elevator Apprentice or Constructor)	1/1/2008		\$0.00	\$0.00	\$0.00
Glazier	5/1/2009		\$25.05	\$7.53	\$32.58
Glazier	5/1/2010		\$23.64	\$9.44	\$33.08
Glazier	5/1/2011		\$24.64	\$9.44	\$34.08
Glazier	5/1/2012		\$26.14	\$9.44	\$35.58
Iron Workers (Bridge, Structural Steel, Ornamental, Precast, Reinforcing)	7/1/2009		\$27.07	\$21.85	\$48.92
Iron Workers (Bridge, Structural Steel, Ornamental, Precast, Reinforcing)	7/1/2010		\$27.77	\$23.09	\$50.86
Iron Workers (Bridge, Structural Steel, Ornamental, Precast, Reinforcing)	7/1/2011		\$31.22	\$21.85	\$53.07
Laborers (Class 01 - See notes)	7/1/2009		\$18.05	\$9.19	\$27.24
Laborers (Class 01 - See notes)	7/1/2010		\$18.27	\$10.14	\$28.41
Laborers (Class 02 - See notes)	7/1/2009		\$18.20	\$9.19	\$27.39
Laborers (Class 02 - See notes)	7/1/2010		\$18.42	\$10.14	\$28.56
Laborers (Class 03 - See notes)	7/1/2009		\$18.30	\$9.19	\$27.49
Laborers (Class 03 - See notes)	7/1/2010		\$18.52	\$10.14	\$28.66

PREVAILING WAGES PROJECT RATES

Building	Effective Date	Expiration Date	Hourly Rate	Fringe Benefits	Total
Laborers (Class 04 - See notes)	7/1/2009		\$17.05	\$9.19	\$26.24
Laborers (Class 04 - See notes)	7/1/2010		\$17.27	\$10.14	\$27.41
Landscape Laborer	7/1/2009		\$18.25	\$9.05	\$27.30
Landscape Laborer	7/1/2010		\$18.25	\$9.90	\$28.15
Landscape Laborer (Skilled)	7/1/2009		\$18.67	\$9.05	\$27.72
Landscape Laborer (Skilled)	7/1/2010		\$18.67	\$9.90	\$28.57
Landscape Laborer (Tractor Operator)	7/1/2009		\$18.97	\$9.05	\$28.02
Landscape Laborer (Tractor Operator)	7/1/2010		\$18.97	\$9.90	\$28.87
Millwright	6/1/2008		\$32.71	\$14.29	\$47.00
Millwright	5/1/2010		\$28.91	\$13.99	\$42.90
Millwright	5/1/2011		\$30.27	\$14.63	\$44.90
Operators (Class 01 - see notes)	7/1/2008		\$24.57	\$12.13	\$36.70
Operators (Class 01 - see notes)	7/1/2009		\$25.47	\$12.63	\$38.10
Operators (Class 01 - see notes)	7/1/2010		\$26.37	\$13.13	\$39.50
Operators (Class 02 -see notes)	7/1/2008		\$21.89	\$12.13	\$34.02
Operators (Class 02 -see notes)	7/1/2009		\$22.79	\$12.63	\$35.42
Operators (Class 02 -see notes)	7/1/2010		\$23.69	\$13.13	\$36.82
Operators (Class 03 - see notes)	7/1/2008		\$20.34	\$12.13	\$32.47
Operators (Class 03 - see notes)	7/1/2009		\$21.24	\$12.63	\$33.87
Operators (Class 03 - see notes)	7/1/2010		\$22.14	\$13.13	\$35.27
Operators (Class 04 - Chief of Party (Surveying and Layout))	7/1/2008		\$19.94	\$12.13	\$32.07
Operators (Class 04 - Chief of Party (Surveying and Layout))	7/1/2009		\$20.84	\$12.63	\$33.47
Operators (Class 04 - Chief of Party (Surveying and Layout))	7/1/2010		\$21.74	\$13.13	\$34.87
Operators (Class 04 - Instrument Person (Surveying & Layout))	7/1/2008		\$18.94	\$12.13	\$31.07
Operators (Class 04 - Instrument Person (Surveying & Layout))	7/1/2009		\$19.84	\$12.63	\$32.47
Operators (Class 04 - Instrument Person (Surveying & Layout))	7/1/2010		\$20.74	\$13.13	\$33.87
Operators (Class 04 - Rodman/Chainman (Surveying and Layout))	7/1/2008		\$18.49	\$12.13	\$30.62
Operators (Class 04 - Rodman/Chainman (Surveying and Layout))	7/1/2009		\$19.39	\$12.63	\$32.02
Operators (Class 04 - Rodman/Chainman (Surveying and Layout))	7/1/2010		\$20.29	\$13.13	\$33.42

PREVAILING WAGES PROJECT RATES

Building	Effective Date	Expiration Date	Hourly Rate	Fringe Benefits	Total
Painters Class 1 (see notes)	5/1/2009		\$22.17	\$8.97	\$31.14
Painters Class 1 (see notes)	5/1/2010		\$22.17	\$10.07	\$32.24
Painters Class 1 (see notes)	5/1/2011		\$22.17	\$11.32	\$33.49
Painters Class 2 (see notes)	5/1/2009		\$24.05	\$8.97	\$33.02
Painters Class 2 (see notes)	5/1/2010		\$24.05	\$10.07	\$34.12
Painters Class 2 (see notes)	5/1/2011		\$24.05	\$11.32	\$35.37
Painters Class 3 (see notes)	5/1/2009		\$28.05	\$8.97	\$37.02
Painters Class 3 (see notes)	5/1/2010		\$28.05	\$10.07	\$38.12
Painters Class 3 (see notes)	5/1/2011		\$28.05	\$11.32	\$39.37
Pile Driver Diver Tender (Building, Heavy, Highway)	1/1/2010		\$29.95	\$12.25	\$42.20
Pile Driver Diver Tender (Building, Heavy, Highway)	1/1/2011		\$30.35	\$13.00	\$43.35
Pile Driver Diver Tender (Building, Heavy, Highway)	1/1/2012		\$30.85	\$13.60	\$44.45
Pile Driver Diver Tender (Building, Heavy, Highway)	1/1/2013		\$31.45	\$14.10	\$45.55
Pile Driver Divers (Building, Heavy, Highway)	1/1/2007		\$40.40	\$10.77	\$51.17
Pile Driver Divers (Building, Heavy, Highway)	1/1/2010		\$44.39	\$12.25	\$56.64
Pile Driver Divers (Building, Heavy, Highway)	1/1/2011		\$45.53	\$13.00	\$58.53
Pile Driver Divers (Building, Heavy, Highway)	1/1/2012		\$46.28	\$13.60	\$59.88
Pile Driver Divers (Building, Heavy, Highway)	1/1/2013		\$47.18	\$14.10	\$61.28
Plasterers	5/1/2009		\$22.48	\$14.18	\$36.66
Plasterers	5/1/2010		\$22.48	\$15.93	\$38.41
Plumbers	5/1/2011		\$31.92	\$20.56	\$52.48
Plumbers and Steamfitters	5/1/2009		\$30.27	\$18.16	\$48.43
Plumbers and Steamfitters	5/1/2010		\$31.07	\$19.36	\$50.43
Roofers (Composition)	5/1/2009		\$30.00	\$23.10	\$53.10
Roofers (Composition)	5/1/2010		\$30.75	\$24.95	\$55.70
Roofers (Shingle, Slate, Tile)	5/1/2009		\$23.25	\$13.62	\$36.87
Sheet Metal Workers	6/1/2009		\$29.56	\$29.12	\$58.68
Sheet Metal Workers	6/1/2010		\$29.59	\$29.69	\$59.28
Sheet Metal Workers	6/1/2011		\$29.59	\$30.44	\$60.03

PREVAILING WAGES PROJECT RATES

Building	Effective Date	Expiration Date	Hourly Rate	Fringe Benefits	Total
Sheet Metal Workers	6/1/2012		\$29.59	\$31.44	\$61.03
Sign Makers and Hangars	7/1/2009		\$24.17	\$15.99	\$40.16
Sign Makers and Hangars	5/21/2010		\$24.33	\$16.37	\$40.70
Sprinkersfitters	1/1/2010		\$33.85	\$17.60	\$51.45
Sprinkersfitters	1/1/2011		\$33.35	\$18.45	\$51.80
Sprinkersfitters	4/1/2011		\$34.18	\$18.45	\$52.63
Sprinkersfitters	1/1/2012		\$34.18	\$18.60	\$52.78
Sprinkersfitters	4/1/2012		\$35.21	\$18.65	\$53.86
Sprinkersfitters	1/1/2013		\$35.21	\$18.80	\$54.01
Terrazzo Finisher	5/1/2009		\$26.54	\$14.37	\$40.91
Terrazzo Finisher	5/1/2010		\$27.89	\$14.42	\$42.31
Terrazzo Setter	5/1/2009		\$25.86	\$17.27	\$43.13
Terrazzo Setter	5/1/2010		\$27.21	\$17.32	\$44.53
Tile & Marble Finisher	5/1/2009		\$21.48	\$12.39	\$33.87
Tile & Marble Layer	5/1/2009		\$24.20	\$13.81	\$38.01
Tile & Marble Layer	5/1/2010		\$24.95	\$13.81	\$38.76
Tile & Marble Layer	5/1/2011		\$25.90	\$13.81	\$39.71
Truckdriver class 1(see notes)	1/1/2009		\$24.05	\$11.35	\$35.40
Truckdriver class 1(see notes)	1/1/2010		\$24.80	\$11.95	\$36.75
Truckdriver class 2 (see notes)	1/1/2009		\$24.23	\$11.44	\$35.67
Truckdriver class 2 (see notes)	1/1/2010		\$24.98	\$12.04	\$37.02
Truckdriver class 3 (see notes)	1/1/2009		\$24.74	\$11.69	\$36.43
Truckdriver class 3 (see notes)	1/1/2010		\$25.49	\$12.29	\$37.78

PREVAILING WAGES PROJECT RATES

Heavy/Highway	Effective Date	Expiration Date	Hourly Rate	Fringe Benefits	Total
Carpenter Welder	1/1/2009		\$27.99	\$12.16	\$40.15
Carpenter Welder	1/1/2010		\$28.94	\$12.56	\$41.50
Carpenter Welder	1/1/2011		\$29.18	\$13.57	\$42.75
Carpenter Welder	1/1/2012		\$29.93	\$13.92	\$43.85
Carpenter Welder	1/1/2013		\$30.69	\$14.26	\$44.95
Carpenters	1/1/2009		\$27.28	\$12.16	\$39.44
Carpenters	1/1/2010		\$28.23	\$12.56	\$40.79
Carpenters	1/1/2011		\$28.47	\$13.57	\$42.04
Carpenters	1/1/2012		\$29.22	\$13.92	\$43.14
Carpenters	1/1/2013		\$29.98	\$14.26	\$44.24
Cement Finishers	1/1/2009		\$26.72	\$12.97	\$39.69
Cement Finishers	1/1/2010		\$27.62	\$13.42	\$41.04
Iron Workers	7/1/2008		\$26.67	\$20.49	\$47.16
Laborers (Class 01 - See notes)	1/1/2009		\$23.20	\$12.65	\$35.85
Laborers (Class 01 - See notes)	1/1/2010		\$23.65	\$13.55	\$37.20
Laborers (Class 02 - See notes)	1/1/2009		\$23.36	\$12.65	\$36.01
Laborers (Class 02 - See notes)	1/1/2010		\$23.81	\$13.55	\$37.36
Laborers (Class 03 - See notes)	1/1/2009		\$23.85	\$12.65	\$36.50
Laborers (Class 03 - See notes)	1/1/2010		\$24.30	\$13.55	\$37.85
Laborers (Class 04 - See notes)	1/1/2009		\$24.30	\$12.65	\$36.95
Laborers (Class 04 - See notes)	1/1/2010		\$24.75	\$13.55	\$38.30
Laborers (Class 05 - See notes)	1/1/2009		\$24.71	\$12.65	\$37.36
Laborers (Class 05 - See notes)	1/1/2010		\$25.16	\$13.55	\$38.71
Laborers (Class 06 - See notes)	1/1/2009		\$21.55	\$12.65	\$34.20
Laborers (Class 06 - See notes)	1/1/2010		\$22.00	\$13.55	\$35.55
Laborers (Class 07 - See notes)	1/1/2009		\$24.20	\$12.65	\$36.85
Laborers (Class 07 - See notes)	1/1/2010		\$24.65	\$13.55	\$38.20
Laborers (Class 08 - See notes)	1/1/2009		\$25.70	\$12.65	\$38.35
Laborers (Class 08 - See notes)	1/1/2010		\$26.15	\$13.55	\$39.70
Operators (Class 01 - see notes)	1/1/2009		\$26.09	\$14.44	\$40.53
Operators (Class 01 - see notes)	1/1/2010		\$26.89	\$14.99	\$41.88

PREVAILING WAGES PROJECT RATES

Heavy/Highway	Effective Date	Expiration Date	Hourly Rate	Fringe Benefits	Total
Operators (Class 02 -see notes)	1/1/2009		\$25.81	\$14.44	\$40.25
Operators (Class 02 -see notes)	1/1/2010		\$26.61	\$14.99	\$41.60
Operators (Class 03 - See notes)	1/1/2009		\$22.17	\$14.44	\$36.61
Operators (Class 03 - See notes)	1/1/2010		\$22.97	\$14.99	\$37.96
Operators (Class 04 - See notes)	1/1/2009		\$21.68	\$14.44	\$36.12
Operators (Class 04 - See notes)	1/1/2010		\$22.48	\$14.99	\$37.47
Operators (Class 05 - See notes)	1/1/2009		\$21.47	\$14.44	\$35.91
Operators (Class 05 - See notes)	1/1/2010		\$22.27	\$14.99	\$37.26
Piledrivers	1/1/2009		\$28.85	\$12.00	\$40.85
Piledrivers	1/1/2010		\$29.95	\$12.25	\$42.20
Piledrivers	1/1/2011		\$30.35	\$13.10	\$43.45
Piledrivers	1/1/2012		\$30.85	\$13.70	\$44.55
Piledrivers	1/1/2013		\$31.45	\$14.20	\$45.65
Steamfitters (Heavy and Highway - Gas Distribution)	5/1/2010		\$30.27	\$26.09	\$56.36

REQUEST TO ADVERTISE SOLICITATION: W-0557-0901

General Information

Department:
 Date Prepared: 04/08/11 Type: IFB
 Advertisement Type : Agency Construction
 Solicitation#: W-0557-0901 Solicitation Title : Water Filtration System Upgrade - Building #5

Description : Furnish all labor, materials, equipment, tools, and supervision required for making upgrades to the existing control system at the facility's Water Treatment Plant.

Department Information

Department/Agency : Public Welfare Delivery Location : South Mountain Restoration Center, 10058 South Mountain Road, South Mountain, PA 17261
 County (if applicable) : Franklin Duration : 90 days

Contact Information

First Name : Christina Last Name: Schmoyer
 Phone Number : 717-772-2092 Ext: Email : chschmoyer@state.pa.us

Bid Information

Solicitation Start Date: 04/08/11 Solicitation End Date : 04/27/11
 Bid Opening Date : 04/27/11 Bid Opening Time : 2:00 PM
 Bid Opening Location: 1401 North 7th Street, Bertolino Building, 2nd Floor, Harrisburg, PA 17105

Is there a Pre-proposal Conference? No. of Flyers: (# of bid versions)

Check here if this Solicitation is in SRM

Amended Date: 04/08/11

