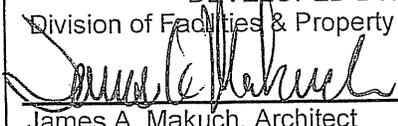


DEVELOPED BY: Division of Facilities & Property Management  James A. Makuch, Architect	09/06/11 Date
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SPECIFICATIONS

SECTION 01010

SUMMARY OF WORK

1.1 GENERAL

A. Related Documents

1. The "General Conditions for Construction Projects" form a part of these specifications by reference thereto and shall have the same force and effect, as if printed herewith in full.

1.2 SCOPE OF WORK REQUIRED

- A. The work for this project covers the supplying of all labor, materials, scaffolding, ladders, tools, equipment and appurtenances to replace certain existing roofing materials with new roofing materials on two (2) separate buildings on the secured grounds of the New Castle Youth Development Center.
- B. The Work shall consist of, but not necessarily be limited to the following:
1. The Administration Building, Bldg. 01, connecting corridor roofs between the North and South Wings and the Center Building section.
 - a. Remove existing roofing materials including portions of the metal edge as required down to the existing plywood roof sheathing and dispose of debris as specified.
 - b. Inspect for deterioration and replace existing plywood roof sheathing as necessary to provide acceptable substrate for installation and warranty of new roofing materials as specified.
 - c. Install new roofing materials as specified herein.
 2. The Security Building, Bldg. 013, roof.
 - a. Remove existing adhered EPDM membrane and related flashing materials while leaving the existing rigid insulation board, roof penetration curbs, cants and roof drain assemblies intact and in-place.
 - b. Inspect roof drain assemblies for deterioration and missing parts. Repair or replace parts as necessary to make roof drain assemblies accept new roofing materials and warrant new roofing system.

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- c. Mechanically attach one layer of recover board, as specified, over the existing rigid insulation board. Adhere a second layer of recover board as specified over the first layer of recover board.
- d. Clean surface of metal canopy structure roof that surrounds perimeter of building roof as required by roofing membrane manufacturer for installation of new roofing materials.
- e. Mechanically attach one layer of recover board, as specified, over the existing, prepared galvanized metal over-hang roof panels.
- f. Install a fully adhered modified bitumen roofing system over the metal canopy roof structure and the building roof as specified herein.
- g. Install flashing materials to curbs, cants and roof drain openings as required. Install a new metal roof edge at canopy roof structure.

1.3 PROJECT DRAWING

- A. The following Drawings are a part of the Contract Documents
 - 1. Sheet A-1 – Plans, Sections, Details, and Notes

1.4 DATES OF COMPLETION

- A. No work shall commence until the Contractor receives a fully executed contract from the Commonwealth.
- B. The Contractor shall be prepared to begin work on this Contract within 28 calendar days from the effective date of the Contract as stated in the Notice to Proceed letter from the Commonwealth.
- C. 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.

1.5 SITE VISIT

- 1. It is mandatory that the Contractor shall visit the site prior to bidding and carefully note all existing conditions. Any additions or items noted on his visit, not clearly defined in the specifications or on the drawings, shall be called to the attention of the Project Designer. All visits shall be made only after contacting the Facility Maintenance Manager, Mr. Dean Fetterolf at 717-789-5612. All prospective bidders shall sign the attached Proof of Visit form. **One signed copy of the Proof of Visit form shall be returned with the Bid.**

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1.6 CLARIFICATION

1. Any requests for project clarification of technical drawings or specifications shall be directed to the Project Designer:

Division of Facilities and Property Management
P.O. Box 2675, Harrisburg, PA 17105-2675
Attention: Mr. James A. Makuch
Telephone: (717) 772-8399 Fax: (717) 772-2091

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

Loysville Youth Development Center
8 Opportunity Drive
Loysville, PA 17047
Attention: Ms. Erica Link
Telephone: (717) 789-5510 Fax: (717) 789-5624

3. Any request for project clarification of contract language or general conditions shall be directed to the Contract Officer:

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

SECTION 01030
EXPLANATION OF BASE BIDS

1.1 GENERAL

It is the intention of the Department of Public Welfare to have all of the work, or as much of the work as possible completed, as shown on the drawing(s) and indicated in the specifications, within the project budgeted allocation.

1.2 BASE BID NO. 1

Base Bid No. 1 shall include all Work as described and specified herein and shown on the Contract Drawing to install a new roofing materials, flashings and specified accessories on the of Administration Building, Bldg. 01 connecting corridor roofs and the Security Building, Bldg. 13 roof, at the New Castle Youth Development Center.

1.3 BASE BID NO. 2

Base Bid No. 2 shall include the Work described in Base Bid No. 1, except delete all Work to install new roofing materials, flashings and specified accessories on the Administration Building, Bldg. 01 connecting corridor roofs.

END OF SECTION

SECTION 01040

SECURITY REQUIREMENTS

- 1.1 The Contractor shall make himself familiar with all security procedures requirements of the New Castle Youth Development Center, Detention Facility. Some requirements to be aware of are as follows:
- A. The Contractor is required to provide the Detention Facility with a list of names of all employees working on the project, for review by the Facility's security personnel.
 - B. No employees with previous confinement within this Detention Facility will be permitted to work on this project.
 - C. All power actuated anchoring devices (self-contained cartridge-type) must be operated only in the presence of security personnel.
 - D. All construction operations within the Detention Facility must be coordinated with the Facility Maintenance Manager. Regular hours of work are from 7:30 AM to 4:00 PM, Monday through Friday.
 - E. 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.
- 1.2 **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 Director.
- Particular attention should be paid to tools that may be used as weapons or instruments of escape. Special procedures will be developed with the Department concerning cutting pliers, bolt cutters, hacksaws, welding, or cutting equipment. **UNDER NO CIRCUMSTANCES WILL CUTTING TORCHES OR WELDING EQUIPMENT BE LEFT INSIDE THE ENCLOSURE OVERNIGHT OR ON WEEKENDS OR HOLIDAYS.**
- 1.3 **FRATERNIZATION:** There shall be no fraternization or private relationships of Contractor's employees with any juvenile offenders. This includes, but is not limited to, trading, bartering, receiving gifts, or money favors from the offender or the offender's friends, relatives, or representatives.

- 1.4 **ALCOHOL AND CONTROLLED SUBSTANCES:** Alcoholic beverages and controlled substances shall not be carried, stored, or consumed on the Detention Facility property, nor left in any vehicle.
- 1.5 **GAMBLING:** Gambling or wagering of any type is not permitted on the Detention Facility property.
- 1.6 **WEAPONS FOR IMPLEMENTS FOR ESCAPE:**
- A. **OFFENSE DEFINED**
1. A person commits a misdemeanor of the first degree if he unlawfully introduces within a Detention Facility or unlawfully provides a juvenile offender, thereof, with any weapon, tool, implement, or other items, which may be used for escape.
 2. A juvenile offender commits a misdemeanor of the first degree if he unlawfully procures, makes or otherwise provides himself with, or unlawfully has in his possession or under his control, any weapon.
 3. A juvenile offender commits a misdemeanor of the second degree if he unlawfully procures, makes or otherwise provides himself with, or unlawfully has in his possession or under his control, any tool, implement, or other items, which may be used for escape.
- B. **DEFINITIONS**
1. As used in this section, the word "unlawfully" means surreptitiously or contrary to law, regulation or order of the detaining 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.

1.7 CONTRABAND

- A. Providing contraband to confined persons is prohibited. A person commits a misdemeanor of the first degree if he sells, gives, or furnishes to any Juvenile Offender in a Detention Facility or gives away or brings into any Detention Facility, or any building appurtenant, thereto, or on the land granted to, owned or leased by the Commonwealth or county for the use and benefit of the juvenile offender, or employee thereof, any kind of spirituous or fermented liquor, drug, medicine, poison, opium, morphine, or other kind of narcotics (except the ordinary supply of the facility) without a written permit signed by the physician of such facility specifying the quantity and quality of the liquor or narcotic which may be furnished to any juvenile offender or employee in the facility, the name of the juvenile offender, or employee for whom, and the time when the same may be furnished, which permit shall be delivered to and kept by the Facility Director of the Detention Facility.
- B. Giving money to any juvenile offender is prohibited. A person commits a misdemeanor of the third degree if he gives or furnishes money to any juvenile offender confined in a state Detention Facility, PROVIDED NOTICE OF THIS PROHIBITION IS ADEQUATELY POSTED AT THE FACILITY. A person may, however, deposit money with the Facility Director or other authorized individual in charge of a state Detention Facility for the benefit and use of a juvenile offender confined therein, which shall be credited to the juvenile offender's account and expended in accordance with the rules and regulations of the Detention Facility. The person making the deposit shall be provided with a written receipt for the amount deposited.
1. Any person entering this Detention Facility is subject to a search of their person at anytime. While the person may refuse, his action may be cause for denial of further entrance

END OF SECTION

SECTION 01310

SEQUENCE OF CONSTRUCTION AND MILESTONES

1.1 GENERAL

- A. Before beginning work the Contractor shall prepare a critical path schedule in consultation with the Division. The work shall then be carried out in full accordance with the schedule and milestones.

1.2 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, so that the shipping will not delay the progress of the work or ultimate completion of the project due to weather delays.

1.3 CRITICAL ITEMS TO BE NOTED AS MILESTONES

- A. The Contractor shall schedule the following critical items as Project Milestones with the projected completion dates. These dates shall be the basis of payments to the Contractor.
1. 60% of the Project work completed = 50% payment
 2. 100% of the Project work completed (including punch list items)
= 100% payment
- B. Payment is subject to the provisions of the General Conditions, and approval by the facility.

END OF SECTION

SECTION 01340

SUBMITTALS

1.1 GENERAL

- A. Included in this section of the specification is a list of submittals of materials to be incorporated into the work required by the Department for approval.
- B. The Department reserves the right to require additional submittals for approval, as it deems necessary.
- C. No material, or equipment listed herein shall be incorporated into the work until the Contractor has obtained approval from the Department.

1.2 SUBMITTAL PROCEDURES

- A. The project number shall be indicated on the transmittal letter of the material submitted for approval. Four copies minimum for each item submitted, one of which should be the original.
- B. The Contractor shall signify his approval of the submitted material by stamping, or initialing, and dating the transmittal letter, submitted to the Department for approval.
- C. The Contractor's failure to comply with the submittal procedures set forth herein will result in the return of the material for proper re-submittal.
- D. The submittal items listed below shall be delivered or mailed to:

Department of Public Welfare
Division of Facilities and Property Management
1401 North 7th Street, P.O. Box 2675
Harrisburg, PA 17105-2675
Attention: Mr. James A. Makuch
(717) 772-8399

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1.3 SUBMITTAL LIST

- SOSU - Source of Supply
- SAMP - Samples
- DEDA - Descriptive Data or Catalog Cut
- TEST - Test Results
- SHDR - Shop Drawings
- CERT - For Certification (Warranty)

DESCRIPTION OF ITEMS TO BE SUBMITTED	SOSU	DEDA	SHDR	SAMP.	TESTS	CERT.
Modified Bitumen Roofing Membrane and Flashing. Roofing Sealants and Accessories	X	X				
Recover Board, Adhesives and Mechanical Fasteners	X	X				
Metal Edge Trim	X	X				
Roofing Warranty				X		

END OF SECTION

SECTION 02225
SELECTIVE DEMOLITION

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

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

1.2 WORK INCLUDED

- A. The work covered by this section consists of furnishing all labor, equipment, and appliances necessary to remove and dispose of the specified existing roofing materials in strict accordance with this section of the Specifications and the contract Drawing.
1. The existing gravel, built-up roofing membrane, flashing materials, rigid insulation and metal edge trim as necessary from the connecting corridor roofs of the North and South Wings and the Center Building section of the Administration Building, Bldg. 01.
 2. The existing fully adhered EPDM membrane shall be removed while leaving the existing rigid insulation intact, in-place.

1.3 SCHEDULING DEMOLITION

- A. All demolition removal work must be done at times agreed upon by the representative of the facility.
- B. Once commenced, work shall proceed as scheduled, in an efficient, quiet operation without delays or interruptions.

PART 2 - PRODUCTS

2.1 MATERIALS (RESERVED)

PART 3 - EXECUTION

3.1 PRECAUTIONS

- A. Perform the work in a manner to prevent damage or injury to property or the public. Provide barriers, warning lights and other protection, as required, and protect, as necessary, any existing monuments, benchmarks or utilities that are to remain in service. Restore any damage to original condition or repair as directed, at no additional cost to the Commonwealth.
- B. Before starting the work, protect trees or shrubs with boxing or wire fencing staked securely in place, or other approved means. Maintain until the completion of work, or until removal may be directed by the Department.
- C. Remove existing roofing carefully, as designated on drawings, in a manner designed to prevent undue airborne material from interfering with pedestrian safety and adjacent electrical service equipment. Protect adjacent construction and clean the same upon completion. Under no circumstances will debris of any type be left on the grounds at the end of each working day.

3.2 DUST CONTROL

- A. Control the amount of dust and dirt resulting from demolition to prevent the spread of dust and other airborne particles. Use wet method wherever dust is generated.

3.3 PROHIBITIONS

- A. The use of burning or burial at the project site for disposal of refuse and debris is not permitted.
- B. All must be secured from access by facility residents after hours by use of a tarp cover.

3.4 SALVAGE

- A. Unless otherwise directed by the Facility's representative, materials resulting from the demolition operation shall be the property of the Contractor, shall not be used in the new work and shall be promptly removed from the site.

3.5 CLEAN-UP

- A. At completion of demolition of the roofing materials, remove all rubbish and debris and leave the site in a safe and clean condition.

END OF SECTION

SECTION 075200
MODIFIED BITUMINOUS MEMBRANE ROOFING
TORCH APPLICATION

PART 1 — GENERAL

1.1 RELATED DOCUMENTS

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

1.2 SUMMARY

- A. Section includes modified bituminous roofing system.
1. Installation of new Recovery Board
 2. Installation of Base Ply and Mineral Surfaced Top Ply
 3. Installation of flashing materials
 4. Installation of New Metal Edge Trim
- B. Related Sections:
1. Selective Demolition: Section 02225.

1.3 REFERENCES

- A. American Society of Civil Engineers (ASCE):
1. ASCE 7-02, Minimum Design Loads for Buildings and Other Structures.
- B. American Society for Testing and Materials (ASTM):
1. ASTM D4 Standard Specification for Asphalt Primer Used in Roofing, Dampproofing and Waterproofing.
 2. ASTM D312 Standard Specification for Asphalt Used in Roofing.
 3. ASTM D451 Standard Test Method for Sieve Analysis of Granular Mineral Surfacing for Asphalt Roofing Products.
 4. ASTM D1079 Standard Terminology Relating to Roofing, Waterproofing and Bituminous Materials.
 5. ASTM D4586 Standard Specification for Asphalt Roof Cement.
 6. ASTM D2824 Standard Specification for Aluminum-Pigmented Asphalt Roof Coating.

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7. ASTM D6162 Standard Specification for Styrene Butadiene Styrene (SBS) Modified Bituminous Sheet Materials Using a Combination of Polyester and Glass Fiber Reinforcements.
 8. ASTM D6163 Standard Specification for Styrene Butadiene Styrene (SBS) Modified Bituminous Sheet Materials Using Glass Fiber Reinforcements.
 9. ASTM E108 Standard Test Methods for Fire Test of Roof Coverings
- C. Factory Mutual Research (FM):
1. Roof Assembly Classifications.
- D. National Roofing Contractors Association (NRCA):
1. Roofing and Waterproofing Manual.
- E. Underwriters Laboratories, Inc. (UL):
1. Fire Hazard Classifications.
- F. Warnock Hersey (WH):
1. Fire Hazard Classifications.

1.4 SUBMITTALS FOR REVIEW

- A. Product Data: Provide manufacturer's technical product data for each type of roofing product specified. Include data substantiating that materials comply with specified requirements.
- B. Samples: Submit two (2) samples of the following:
 1. Modified Bitumen Plies
 2. Recovery Board
- C. Specimen Warranty: Provide an unexecuted copy of the warranty specified for this Project, identifying the terms and conditions required of the Manufacturer and the Owner.
- D. Any material submitted as equal to the specified material must be accompanied by a report signed and sealed by a professional engineer licensed in the state in which the installation is to take place. This report shall show that the submitted equal meets the Design and Performance criteria in this specification. Substitution requests submitted without licensed engineer approval will be rejected for non-conformance.

1.5 SUBMITTALS FOR INFORMATION

- A. As requested by the Project Designer, the following information shall be submitted:
1. Manufacturer's Installation Instructions: Submit installation instructions and recommendations indicating special precautions required for installing the membrane.
 2. Manufacturer's Certificate: Certify that roof system furnished is approved by Factory Mutual, Underwriters Laboratories, Warnock Hersey or approved third party testing facility in accordance with ASTM E108, Class A for external fire and meets local or nationally recognized building codes.
 3. Manufacturer's Certificate: Certify that the roof system is adhered properly to meet or exceed the requirements of FM 1-90.
 4. Manufacturer's Certificate: Certify that the roof system furnished is approved or accepted by Factory Mutual Approval Standard 4470.
 5. Manufacturer's Certificate: Certify that materials are manufactured in the United States and conform to requirements specified herein, are chemically and physically compatible with each other, and are suitable for inclusion within the total roof system specified herein.
 6. Manufacturer's Certificate: Submit a certified copy of the roofing manufacturer's ISO 9001 compliance certificate.
 7. Test Reports: Submit test reports, prepared by an independent testing agency, for all modified bituminous sheet roofing, indicating compliance with ASTM D5147.
 8. Written certification from the roofing system manufacturer certifying the applicator is currently authorized for the installation of the specified roof system.
 9. Design Loads: Submit copy of manufacturer's minimum design load calculations according to ASCE 7-05, Method 2 for Components and Cladding, sealed by a registered professional engineer employed by the system manufacturer as a full-time staff engineer. In no case shall the design loads be taken to be less than those detailed in Design and Performance Criteria article of this specification.
 10. Qualification data for firms and individuals identified in Quality Assurance Article below.

1.6 CONTRACT CLOSEOUT SUBMITTALS

- A. Special Project Warranty: Provide specified warranty for the Project, executed by the authorized agent of the Manufacturer.

- B. Roofing Maintenance Instructions. Provide a manual of manufacturer's recommendations for maintenance of installed roofing systems.
- C. Insurance Certification: Assist Owner in preparation and submittal of roof installation acceptance certification as may be necessary in connection with fire and extended coverage insurance on roofing and associated work.
- D. Demonstration and Training Schedule: Provide a schedule of proposed dates and times for instruction of Owner's personnel in the maintenance requirements for completed roofing work. Refer to Part 3 for additional requirements.

1.7 QUALITY ASSURANCE

- A. Manufacturer Qualifications: Company specializing in manufacturing the products specified in this Section with not less than [12] years documented experience [and have ISO 9001 certification].
- B. Installer Qualifications: Company specializing in modified bituminous roofing installation with not less than [5] years experience and authorized by roofing system manufacturer as qualified to install manufacturer's roofing materials.
- C. Installer's Field Supervision: Maintain a full-time Supervisor/Foreman on job site during all phases of roofing work while roofing work is in progress. Maintain proper supervision of workmen.
- D. Maintain a copy of the Contract Documents in the possession of the Supervisor/Foreman and on the roof at all times.
- E. Source Limitations: Obtain all components of roof system from a single manufacturer. Secondary products that are required shall be recommended and approved in writing by the roofing system Manufacturer.
- F. Upon request of the Architect or Owner, submit Manufacturer's written approval of secondary components in list form, signed by an authorized agent of the Manufacturer.
- G. Source Quality Control: Manufacturer shall have in place a documented, standardized quality control program such as ISO-9001.

1.8 PREINSTALLATION CONFERENCE

- A. Convene a pre-roofing conference approximately two (2) weeks before scheduled commencement of modified bituminous roofing system installation and associated work.

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- B. Require attendance of installer of each component of associated work, Project Designer, Facility Representatives, roofing system manufacturer's representative, and other representatives directly concerned with performance of the Work, including (where applicable) governing authorities.
- C. Objectives of conference include:
1. Review foreseeable methods and procedures related to roofing work, including set up and mobilization areas for stored material and work area.
 2. Tour representative areas of roofing substrates (decks), inspect and discuss condition of substrate, roof drains, curbs, penetrations and other preparatory work performed by others.
 3. Review structural loading limitations of deck and inspect deck for loss of flatness and for required attachment.
 4. Review roofing system requirements (drawings, specifications and other contract documents).
 5. Review required submittals both completed and yet to be completed.
 6. Review and finalize construction schedule related to roofing work and verify availability of materials, installer's personnel, equipment and facilities needed to make progress and avoid delays.
 7. Review required inspection, testing, certifying and material usage accounting procedures.
 8. Review weather and forecasted weather conditions and procedures for coping with unfavorable conditions, including possibility of temporary roofing (if not mandatory requirement).
 9. Record discussion of conference including decisions and agreements (or disagreements) reached and furnish copy of record to each party attending. If substantial disagreements exist at conclusion of conference, determine how disagreements will be resolved and set date for reconvening conference.
 10. Review notification procedures for weather or non-working days.
 11. The Owner's Representative will designate one of the conference participants to record the proceedings and promptly distribute them to the participants for record.
 12. The intent of the conference is to resolve issues affecting the installation and performance of roofing work. Do not proceed with roofing work until such issues are resolved to the satisfaction of the Owner and [Architect or Engineer] of Record. This shall not be construed as interference with the progress of Work on the part of the Owner or [Architect or Engineer] of Record.

1.9 DELIVERY STORAGE HANDLING

- A. Deliver products to site with seals and labels intact, in manufacturer's original containers, dry and undamaged.
- B. Store and handle roofing sheets in a dry, well-ventilated, weather-tight place to prevent moisture exposure. Store rolls of felt and other sheet materials on pallets or other raised surface. Stand all roll materials on end. Cover roll goods with a canvas tarpaulin or other breathable material (not polyethylene).
- C. Do not leave unused materials on the roof overnight or when roofing work is not in progress unless protected from weather and other moisture sources.
- D. Secure all material and equipment on the job site. If any material or equipment is stored on the roof, the assure that the integrity of the deck is not compromised at any time. Damage to the deck caused by the Contractor's actions will be the sole responsibility of the Contractor and will be repaired or replaced at his expense.

1.10 MANUFACTURER'S INSPECTION

- A. When the project is in progress, the roofing system manufacturer will provide the following:
- B. Report progress and quality of the work as observed.
- C. Provide 3 job site inspections per week during construction.
- D. Report to the Architect in writing any failure or refusal of the Contractor to correct unacceptable practices called to the Contractor's attention.
- E. Confirm after completion that manufacturer has observed no applications procedures in conflict with the specifications other than those that may have been previously reported and corrected.

1.11 PROJECT CONDITIONS

- A. Proceed with roofing work only when existing and forecasted weather conditions will permit unit of work to be installed in accordance with manufacturer's recommendations and warranty requirements.
- B. Do not apply roofing board or membrane to damp substrate surface.
- C. Do not expose materials subject to water or solar damage in quantities greater than can be weatherproofed during same day.

1.12 SEQUENCING AND SCHEDULING

- A. Sequence installation of roofing with related units of work specified in other sections to ensure that roof assemblies including roof accessories, flashing, trim and joint sealers are protected against damage from effects of weather, corrosion and adjacent construction activity.
- B. Complete all roofing field assembly work each day. Phased construction will not be accepted

1.13 WARRANTY

- A. Upon completion of installation, and acceptance by the Owner and Architect, the manufacturer will supply to the Owner a thirty (30) year warranty.
- B. Installer will submit a [two (2)]-year warranty to the membrane manufacturer with a copy directly to Owner.

PART 2 — PRODUCTS

2.1 GENERAL

- A. Basis of Design: Materials, manufacturer's product designations, and/or manufacturer's names specified herein shall be regarded as the minimum standard of quality required for work of this Section. Comply with all manufacturer and contractor/fabricator quality and performance criteria specified in Part 1.
- B. Substitutions: Products proposed as equal to the products specified in this Section shall be submitted to the Project Designer for review..

2.2 ACCEPTABLE MANUFACTURERS

- A. The design is based upon roofing systems engineered and manufactured by The Garland Company:

The Garland Company
3800 East 91st Street
Cleveland, Ohio 44105
Telephone: (800) 762-8225
Website: www.garlandco.com

B. Other acceptable manufacturers providing similar products:

Tremco
Certainfeed
GAF

2.3 DESCRIPTION

A. Modified bituminous roofing work including but not limited to:

1. One ply of SBS Torch Grade Base Sheet fully adhered to approved torchable recover board with roofer's torches.
2. Base Flashing Ply: One (1) ply of SBS Torch Grade Base sheet covered by an additional layer of SBS Torch Modified Membrane.
3. Modified Membrane: STRESSPLY IV PLUS MINERAL 195 mil SBS (Styrene-Butadiene-Styrene) mineral surfaced rubber modified roofing membrane with a fiberglass and polyester composite scrim. This membrane is designed for torch applications and has a burn-off backer that indicates when the material is hot enough to be installed.

2.4 BITUMINOUS MATERIALS

- A. Asphalt Primer: V.O.C. compliant, ASTM D41.
- B. Asphalt Roofing Mastic: V.O.C. compliant, ASTM D4586, Type II.

2.5 SHEET MATERIALS

- A. Base Plies: SBS Torch Grade Base Sheet
- B. Base Flashing Ply: SBS Torch Grade Base Sheet with woven fiberglass scrim reinforcement with the following minimum performance requirements according to ASTM D5147. Properties: (Finished Membrane):
 1. Tensile Strength (ASTM D-5147)
 2. 2 in/min. @ 73.4 ± 3.6°F MD 210 lbf/in CMD 210 lbf/in
 3. 50 mm/min. @ 23 ± 3°C MD 36.7 kN/m CMD 36.7 kN/m
 4. Tear Strength (ASTM D5147)
 5. 2 in/min. @ 73.4 ± 3.6°F MD 250 lbf CMD 250 lbf
 6. 50 mm/min. @ 23 ± 3°C MD 1112N CMD 1112N
 7. Elongation at Maximum Tensile (ASTM D5147)
 8. 2 in/min. @ 73.4 ± 3.6°F MD 4.0% CMD 4.0%
 9. 50 mm/min. @ 23 ± 3°C MD 4.0% CMD 4.0%

- C. Modified Flashing Ply: STRESSPLY IV PLUS MINERAL
- D. Modified Membrane Properties (Finished Membranes): STRESSPLY IV PLUS MINERAL;
 - 1. ASTM D6162, Type III Grade G
 - 2. Tensile Strength (ASTM D5147)
 - 3. 2 in./min. @ 73.4 ± 3.6°F MD 310 lbf/in CMD 310 lbf/in
 - 4. 50 mm/min. @ 23 ± 3°C MD 54.2 kN/m CMD 54.2 kN/m
 - 5. Tear Strength (ASTM D5147)
 - 6. 2 in./min. @ 73.4 ± 3.6°F MD 510 lbf CMD 510 lbf
 - 7. 50 mm/min. @ 23 ± 3°C MD 2269 N CMD 2269 N
 - 8. Elongation at Maximum Tensile (ASTM D5147)
 - 9. 2 in./min. @ 73.4 ± 3.6°F MD 6.0% CMD 6.0%
 - 10. 50 mm/min. @ 23 ± 3°C MD 6.0% CMD 6.0%
 - 11. Low Temperature Flexibility (ASTM D5147): Passes -40°F (-40°C)

2.6 SURFACING MATERIALS

- A. Non-Fibered Aluminum Paint: Garla-Brite; non-fibered aluminum paint having the following characteristics:
 - 1. Flash Point 103°F (39°C) min.
 - 2. Weight/Gallon 7.9 lbs./gal. (1.0 g/cm³)
 - 3. Used to coat asphalt cement where necessary.
- B. Mineral Surfaced Membranes - Roofing Granules shall meet requirements of ASTM D451 and/or be recommended by the membrane manufacturer. Loose granules for bleed out shall match size and color of granulated membrane sheet.

2.7 RELATED MATERIALS

- A. Roof Board: Furnish and install roof board that is compatible with specified torch applied modified bituminous membrane roofing system and is acceptable to the roofing membrane manufacturer for use as a substrate surface for its product.
 - 1. Acceptable product and manufacturer or design purpose shall be USG Corporation; "Securock" roof board.
 - 2. Other acceptable manufacturers of similar products are Georgia-Pacific and National Gypsum.

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3. Roof Board Composition: Impact-resistant, nonstructural, gypsum and cellulose fiber panels.
4. Size: 4'x8', 4'x4', Square edges, No facers, Squareness - +/- 1/8",
5. Thickness: 1/4"
6. Fire Resistance:
 - a. Flame Spread⁵, Smoke Development 0 when tested in accordance with ASTM-E84
 - b. Class A when tested to UL 790
7. Perms: Permeance per ASTM-C473 =/- 30 perms
8. Surface Water Absorption, Nominal grams per ASTM-C473 =/-1.6 grams
9. Water Resistance: Weight Percentage Gain, Maximum 10%
10. Mold Resistance: Minimum rating of 10 in accordance with ASTM-D3273
- B. Roofing Adhesive: Single component, moisture cured, polyurethane adhesive designed to attach acceptable multi-layers of roof insulations and substrate materials.
- C. Nails and Fasteners: Non-ferrous metal or galvanized steel, except that hard copper nails shall be used with copper; aluminum or stainless steel nails shall be used with aluminum; and stainless steel nails shall be used with stainless steel. Fasteners shall be self-clinching type of penetrating type as recommended by the manufacturer of the deck material. Nails and fasteners shall be flush-driven through flat metal discs of not less than one (1) inch diameter. Omit metal discs when one-piece composite nails or fasteners with heads not less than one (1) inch diameter are used.
- D. Metal Discs: Flat discs or caps of zinc-coated sheet metal not lighter than twenty eight (28) gauge and not less than one (1) inch in diameter. Form discs to prevent dishing. Bell or cup shaped caps are not acceptable.
- E. Products: Subject to compliance with requirements, provide one of the following: Supplied by membrane manufacturer.
- F. Walkway Pad Adhesive: Adhesive used to adhere approved walk way pads as recommended and furnished by the membrane manufacturer
- G. Sealant: Single component, 100% solids structural adhesive as furnished and recommended by the membrane manufacturer.
 1. Elongation (ASTM D412) 300%
 2. Hardness, Shore A (ASTM C920) 50
 3. Shear Strength (ASTM D1002) 300 psi
- H. Butyl Tape: 100% solids, asbestos free and compressive tape designed to seal as recommended and furnished by the membrane manufacturer.

- I. Glass Fiber Cant: Continuous triangular cross Section made of inorganic fibrous glass used as a cant strip as recommended and furnished by the membrane manufacturer.
- J. Flashing Boot: Neoprene pipe boot for sealing single or multiple pipe penetrations adhered in approved adhesives as recommended and furnished by the membrane manufacturer.
- K. Vents and Breathers: Heavy gauge aluminum and fully insulated vent that allows moisture and air to escape but not enter the roof system as recommended and furnished by the membrane manufacturer.
- L. Roof Drains: Existing roof drain assemblies shall be inspected for proper function and deteriorated parts that would not meet required flash-in procedures of new roofing system installation specified herein. The Contractor shall clean and repair such defects to the roof drain assemblies as required to install the new roofing membrane system.
- M. Drain Flashings should be 4lb (1.8kg) sheet lead formed and rolled
- N. Plumbing stacks should be 4lb (1.8kg) sheet lead formed and rolled.

PART 3 — EXECUTION

3.1 EXECUTION, GENERAL

- A. Comply with roofing system manufacturer's requirements for installation of its products.

3.2 EXAMINATION

- A. Verify that existing substrate surfaces and project conditions are ready to receive work of this section.

3.3 SUBSTRATE PREPARATION

- A. Verify that existing rigid insulation and cover board is free of defects, and in acceptable condition to receive work of this section. Replace unacceptable material with new material of same type and thickness.

3.4 GENERAL INSTALLATION REQUIREMENTS

- A. Cooperate with manufacturer, inspection and test agencies engaged or required to perform services in connection with installing the roof system.
- B. Insurance/Code Compliance: Where required by code, install and test the roofing system to comply with governing regulation and specified insurance requirements.

- C. Protect other work from spillage of roofing materials and prevent materials from entering or clogging drains and conductors. Replace or restore other work damaged by installation of the coal tar modified bituminous roofing system.
- D. Coordinate installation of roofing system components so that insulation and roofing plies are not exposed to precipitation or left exposed overnight. Provide cut-offs at end of each day's work to cover exposed ply sheets and insulation with two (2) plies of #15 organic roofing felt set in full moppings of bitumen and with joints and edges sealed with roofing cement. Remove cut-offs immediately before resuming work.
- E. Substrate Joint Penetrations: Prevent bitumen from penetrating substrate joints, entering building, or damaging roofing system components or adjacent building construction.
- F. Apply roofing materials as specified by manufacturer's instructions.
- G. Keep roofing materials dry before and during application.
- H. Do not permit phased construction.
- I. Complete application of roofing plies, modified sheet and flashing in a continuous operation.
- J. Begin and apply only as much roofing in one day as can be completed that same day.
- K. Cut-Offs (Waterstops): At end of each day's roofing installation, protect exposed edge of incomplete work, including ply sheets and insulation. Provide temporary covering of two (2) plies of #15 organic roofing felt set in roofing cement with joints and edges sealed.

3.6 RECOVER BOARD INSTALLATION

- A. Mechanically attach one layer of ¼ " thick recovery board to the existing rigid insulation and roof board.
 - 1. Install per product manufacturer's requirements and/or specified wind up-lift requirements.
 - 2. Furnish and install plates and fasteners of size and type to meet FM requirements and roof system manufacturer's recommendations.
- B. Adhere a second (top) layer of ¼" thick recovery board to the first mechanically attached layer of recovery board using a single component, moisture cured, polyurethane adhesive designed to attach acceptable roofing substrates.
 - 1. Adhesive shall be applied in accordance with manufacturer's application specifications.
 - 2. Stagger joints in second layer so as not to coincide with joints in first layer.

- C. A minimum two-hour fire watch is required for each day that torch-applied membranes are installed.
- D. Keep an ABC rated fire extinguisher in a central location where all workers know where it is and how to operate in properly.

3.7 UNDERLAYMENT INSTALLATION

- A. Install one layer of SBS Torch Base Sheet to a properly prepared substrate. Shingle in proper direction to shed water on each area of roofing.
- B. To a suitable substrate, lay out the roll in the course to be followed and unroll six (6) feet (1.8m).
- C. Ensure proper torching technique and control the majority of the torch flame directly on the roll. Limit the flame and heat to the surface of the roof board.
- D. Using a roofing torch, heat the surface of the coiled portion until the burn-off backer melts away. At this point, the material is hot enough to lay into the substrate. Progressively unroll the sheet while heating and press down with your foot to insure a proper bond.
- E. After the major portion of the roll is bonded, re-roll the first six (6) feet (1.8m) and bond it in a similar fashion.
- F. Repeat this operation with subsequent rolls with side laps of four (4) inches (101mm) and end laps of eight inches.
- G. Give each lap a finishing touch by passing the torch along the joint and spreading the melted bitumen evenly with a rounded trowel to insure a smooth, tight seal.
- H. Extend underlayment two (2) inches (50mm) beyond top edges of cants at wall and projection bases.
- I. Install base flashing ply to all perimeter and projections details.

3.8 HPR MODIFIED MEMBRANE APPLICATION

- A. Install Stress Ply IV Plus Mineral as described below.
- B. Over the SBS Torch Base Sheet underlayment(s), lay out the roll in the course to be followed and unroll six (6) feet. Seams for the top layer of modified membrane will be staggered over the SBS Torch Base Sheet seams.
- C. Using a roofing torch, heat the surface of the coiled portion until the burn-off backer melts away. At this point, the material is hot enough to lay into the substrate. Progressively unroll the sheet while heating and press down with your foot to insure a proper bond.
- D. After the major portion of the roll is bonded, re-roll the first six (6) feet (1.8m) and bond it in a similar fashion.

- E. Repeat this operation with subsequent rolls with side laps of four (4) inches (101mm) and end laps of eight (8) inches (203mm).
- F. Give each lap a finishing touch by passing the torch along the joint and spreading the melted bitumen evenly with a rounded trowel to insure a smooth, tight seal.

3.9 FLASHING MEMBRANE INSTALLATION

- A. Seal all curb, wall and parapet flashings with an application of mastic and mesh on a daily basis. Do not permit conditions to exist that will allow moisture to enter behind, around or under the roof or flashing membrane.
- B. Prepare all walls, penetrations, expansion joints [, and where shown on the drawings] to be flashed with asphalt primer at the rate of one hundred (100) square feet per gallon. Allow primer to dry tack free.
- C. Use the modified membrane as the flashing membrane. Adhere to the underlying base flashing ply with specified asphalt unless otherwise noted in these specifications. Nail off at a minimum of eight (8) inches (203mm) o.c. from the finished roof at all vertical surfaces.
- D. Solidly adhere the entire sheet of flashing membrane to the substrate. Tops of all flashings that are not run up and over curb shall be secured through termination bar 6 inches (152mm) and sealed at top
- E. Seal all vertical laps of flashing membrane with a three-course application of trowel-grade mastic and fiberglass mesh.
- F. Coordinate counter flashing, cap flashings, expansion joints, and similar work with modified bitumen roofing work [as specified in other sections].
- G. Coordinate roof accessories, miscellaneous sheet metal accessory items, including piping vents and other devices with the roofing system work [as specified in other sections]. When using mineralized cap sheet all stripping plies type IV felt / Versiply 40 shall be installed prior to cap sheet installation.
- H. Raised Metal Edge:
 - 1. Inspect the nailer to assure proper attachment and configuration. Note: Contractor is required to furnish and install and additional wood blocking necessary for the project.
 - 2. Run underlayment over the edge. Ensure coverage of all wood nailers. Fasten underlayment with ring shank nails at eight (8) inches (203mm) o.c.
 - 3. Install continuous cleat and fasten at six (6) inches (152mm) o.c.
 - 4. Install new metal edge hooked to continuous cleat and set in bed of roof cement. Fasten flange to wood nailer every three (3) inches (76mm) o.c. staggered.

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5. Prime metal edge at a rate of one hundred (100) square feet per gallon and allow to dry.
 6. Strip in flange with base flashing ply covering entire flange in bitumen with six (6) inches (152mm) on to the field of roof. Assure ply laps do not coincide with metal laps.
 7. Install a second ply of modified flashing ply over the base flashing ply, nine (9) inches (229mm) on to the field of the roof.
- I. Surface Mounted Counterflashing:
1. Minimum flashing height is eight (8) inches (203mm) above finished roof height. Maximum flashing height is twenty four (24) inches (609mm). Prime vertical wall at a rate of one hundred (100) square feet per gallon and allow to dry.
 2. Set cant in Flashing Bond Mastic. Run all field plies over cant a minimum of two (2) inches (50mm).
 3. Install base flashing ply covering wall with six (6) inches (152mm) on to field of the roof
 4. Install a second ply of modified flashing ply over the base flashing ply, nine (9) inches (228mm) on to the field of the roof. Apply a three-course application of mastic and mesh at all vertical seams and allow to cure and aluminize.
 5. Apply butyl tape to wall behind flashing. Secure termination bar through flashing, butyl tape and into wall. Alternatively use caulk to replace the butyl tape.
 6. Secure counterflashing set on butyl tape above flashing at eight (8) inches (203mm) o.c. and caulk top of counterflashing.
- J. Equipment Support
1. Minimum curb height is eight (8) inches (203mm) above finished roof height. Prime vertical at a rate of one hundred (100) square feet per gallon and allow to dry.
 2. Set cant in Flashing Bond Mastic. Run all field plies over cant a minimum of two (2) inches (50mm).
 3. Install base flashing ply covering curb with six (6) inches (152mm) on to field of the roof.
 4. Install a second ply of modified flashing ply over the base flashing ply, nine (9) inches (228mm) on to the field of the roof. Attach top of membrane to top of curb and nail at eight (8) inches (203mm) o.c. Apply a three-course application of mastic and mesh at all vertical seams and allow to cure and aluminize.
 5. Install pre-manufactured cover. Fasten sides at twenty four (24) inches (609mm) o.c. with fasteners and neoprene washers. Furnish all joint cover laps with butyl tape between metal covers.

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6. Set equipment on neoprene pad and fasten as required by equipment manufacturer.

K. Roof Drain:

1. Plug drain to prevent debris from entering plumbing.
2. Taper insulation to drain minimum of twenty four (24) inches (609mm) from center of drain.
3. Run roof system plies over drain. Cut out plies inside drain bowl.
4. Set lead/copper flashing (thirty (30) inch square minimum) in ¼ inch bed of mastic. Run lead/copper into drain a minimum of two (2) inches (50mm). Prime lead/copper at a rate of one hundred (100) square feet per gallon and allow to dry.
5. Install base flashing ply (forty (40) inches square minimum).
6. Install modified membrane (forty eight (48) inches square minimum).
7. Install clamping ring and assure that all plies are under the clamping ring.
8. Remove drain plug and install strainer.

L. Plumbing Stack:

1. Minimum stack height is twelve (12) inches (609mm).
2. Run roof system over the entire surface of the roof. Seal the base of the stack with elastomeric sealant.
3. Prime flange of new sleeve. Install properly sized sleeves set in ¼ inch (6mm) bed of roof cement.
4. Install base flashing ply by torch.
5. Install modified membrane by torch.
6. Caulk the intersection of the membrane with elastomeric sealant.

3.10 APPLICATION OF SURFACING

- A. Mineral Surfaced Membrane System: While bleed out from the side and end laps are still hot, hand broadcast minerals into asphalt bleed out for a monolithic appearance. Apply mineral lap sealant to any areas of improper adherence of minerals and rebroadcast minerals while coating is still wet.

3.11 FIELD QUALITY CONTROL

- A. Perform field inspection and testing as required under provisions of Division 01 Section Quality Requirements.
- B. Correct defects or irregularities discovered during field inspection.
- C. Require attendance of roofing materials manufacturers' representatives at site during installation of the roofing system. A copy of the specification should also be on site at all times.

3.12 CLEANING

- A. Remove bitumen adhesive drippings from all walls, windows, floors, ladders and finished surfaces.
- B. In areas where finished surfaces are soiled by asphalt or any other sources of soiling caused by work of this section, consult manufacturer of surfaces for cleaning instructions and conform to their instructions.
- C. Repair or replace defaced or disfigured finishes caused by work of this section.

3.13 CONSTRUCTION WASTE MANAGEMENT

- A. Remove and properly dispose of waste products generated during roofing procedures. Comply with requirements of authorities having jurisdiction

3.14 FINAL INSPECTION

- A. At completion of roofing installation and associated work, meet with Contractor, Architect, installer, installer of associated work, Owner, roofing system manufacturer's representative and other representatives directly concerned with performance of roofing system.
- B. Walk roof surface areas of the building, inspect perimeter building edges as well as flashing of roof penetrations, walls, curbs and other equipment. List all items requiring correction or completion and furnish copy of list to each party in attendance.
- C. The roofing system manufacturer reserves the right to request a thermographic scan of the roof during final inspection to determine if any damp or wet materials have been installed. The thermographic scan shall be provided by the [Roofing] Contractor.
- D. If core cuts verify the presence of damp or wet materials, the [Roofing] Contractor shall be required to replace the damaged areas at his own expense.
- E. Repair or replace deteriorated or defective work found at time above inspection as required to produce an installation which is free of damage and deterioration at time of Substantial Completion and according to warranty requirements.
- F. Notify the Architect upon completion of corrections.
- G. Following the final inspection, provide written notice of acceptance of the installation from the roofing system manufacturer.

H. Immediately correct roof leakage during construction. If the Contractor does not respond within twenty four (24) hours, the Owner will exercise rights to correct the Work under the terms of the Conditions of the Contract.

3.15 DEMONSTRATION AND TRAINING

- A. At a time and date agreed to by the Owner, instruct the Owner's facility manager, or other representative designated by the Owner, on the following procedures:
- B. Roof troubleshooting procedures.
- C. Notification procedures for reporting leaks or other apparent roofing problems.
- D. Roofing maintenance.
- E. The Owner's obligations for maintaining the roofing warranty in effect and force.
- F. The Manufacturer's obligations for maintaining the roofing warranty in effect and force.

END OF SECTION

END OF SPECIFICATIONS

PROOF OF VISIT

Department of Public Welfare
Division of Facilities and Property Management

Project No. W-0589-0901
Replace Roofing on Security Building 13 and
Administration Building 01 Corridor Roofs
New Castle Youth Development Center

Vendor's Name: Ramp Construction Company, Inc.

Address: 2 Iron Street

Canonsburg, PA 15317

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

Signature [Handwritten Signature] Date 5-3-11

ESCORTED BY:

Facility Representative's Signature: [Handwritten Signature]

Title: MAINT. FOREMAN

Date Escorted: 5-3-11

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

Drawings are available by Request

**To the Division of Facilities
&
Property Management**

ARTICLE 12: FORMS

Department of Public Welfare
Division of Facilities and Property
Management
1401 North 7th Street
P. O. Box 2675
Harrisburg, Pennsylvania 17105-2675

Change Order
Request

Vendor _____

Project No.: W- _____
Project Title: _____
Facility: _____
Funds Commitment #: _____

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 # _____ : _____
---	--	---

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).

Department of General Services
GSPUR-89 Rev. 2/15/02

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:

m 2 Iron Street, Canonsburg, PA 15317

2. a. If the bidder 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:

April 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:

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
17260010	GAF	New Jersey

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:

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-0589-0901 Replace Roofs on Security Bldg 13 & Admin
Bldg 1 Corridors
Awarding Agency: DPW - Office of Children, Youth & Families
Contract Award Date: 5/9/2011
Serial Number: 11-02462
Project Classification: Building
Determination Date: 4/11/2011
Assigned Field Office: Pittsburgh
Field Office Phone Number: 412-565-5300
Toll Free Phone Number: 877-504-8354

Lawrence County

Building	Effective Date	Expiration Date	Hourly Rate	Fringe Benefits	Total
Asbestos & Insulation Workers	8/1/2010		\$30.33	\$20.04	\$50.37
Asbestos & Insulation Workers	8/1/2011		\$31.63	\$20.04	\$51.67
Asbestos & Insulation Workers	8/1/2012		\$32.93	\$20.04	\$52.97
Boilermakers	6/1/2008		\$33.90	\$20.06	\$53.96
Boilermakers	8/1/2010		\$37.52	\$22.49	\$60.01
Bricklayers (Cement Masons)	12/1/2010		\$27.25	\$16.45	\$43.70
Carpenters, Soft Floor Layers	6/1/2009		\$26.84	\$11.00	\$37.84
Carpenters, Soft Floor Layers	6/1/2010		\$27.65	\$11.32	\$38.97
Carpenters, Soft Floor Layers	6/1/2011		\$28.48	\$11.65	\$40.13
Carpenters, Soft Floor Layers	6/1/2012		\$29.33	\$11.99	\$41.32
Dockbuilder, Pile Drivers	1/1/2010		\$29.95	\$12.25	\$42.20
Dockbuilder, Pile Drivers	1/1/2011		\$30.35	\$13.10	\$43.45
Dockbuilder, Pile Drivers	1/1/2012		\$30.85	\$13.70	\$44.55
Dockbuilder, Pile Drivers	1/1/2013		\$31.45	\$14.20	\$45.65
Drywall Finisher	6/1/2009		\$24.45	\$13.59	\$38.04
Drywall Finisher	6/1/2010		\$24.55	\$14.49	\$39.04
Drywall Finisher	6/1/2011		\$25.30	\$14.74	\$40.04
Drywall Finisher	6/1/2012		\$26.05	\$14.99	\$41.04

PREVAILING WAGES PROJECT RATES

Building	Effective Date	Expiration Date	Hourly Rate	Fringe Benefits	Total
Electric Lineman	3/1/2006		\$35.15	\$14.64	\$49.79
Electricians & Telecommunications Installation Technician	3/2/2009		\$29.20	\$18.67	\$47.87
Electricians & Telecommunications Installation Technician	12/28/2009		\$30.00	\$19.62	\$49.62
Electricians & Telecommunications Installation Technician	12/27/2010		\$30.85	\$20.52	\$51.37
Elevator Constructor	1/1/2011		\$41.13	\$21.99	\$63.12
Glazier	6/1/2009		\$25.16	\$11.73	\$36.89
Glazier	6/1/2010		\$25.16	\$12.39	\$37.55
Iron Workers (Bridge, Structural Steel, Ornamental, Precast, Reinforcing)	6/1/2006		\$26.83	\$14.08	\$40.91
Laborers (Class 01 - General)	6/1/2009		\$20.92	\$9.27	\$30.19
Laborers (Class 01 - See notes)	6/1/2009		\$20.92	\$9.27	\$30.19
Laborers (Class 01 - See notes)	12/1/2009		\$20.92	\$9.72	\$30.64
Laborers (Class 01 - See notes)	6/1/2010		\$20.92	\$9.72	\$30.64
Laborers (Class 01 - See notes)	1/1/2011		\$21.17	\$10.52	\$31.69
Laborers (Class 01 - See notes)	1/1/2012		\$21.42	\$11.32	\$32.74
Laborers (Class 01 - See notes)	1/1/2013		\$21.67	\$12.12	\$33.79
Laborers (Class 01 - See notes)	1/1/2014		\$21.92	\$12.92	\$34.84
Laborers (Class 01 - See notes)	1/1/2015		\$22.17	\$13.72	\$35.89
Laborers (Class 02 - See notes)	6/1/2009		\$21.07	\$9.27	\$30.34
Laborers (Class 02 - See notes)	12/1/2009		\$21.07	\$9.72	\$30.79
Laborers (Class 02 - See notes)	6/1/2010		\$21.07	\$9.72	\$30.79
Laborers (Class 02 - See notes)	1/1/2011		\$21.32	\$10.52	\$31.84
Laborers (Class 02 - See notes)	1/1/2012		\$21.57	\$11.32	\$32.89
Laborers (Class 02 - See notes)	1/1/2013		\$21.82	\$12.12	\$33.94
Laborers (Class 02 - See notes)	1/1/2014		\$22.07	\$12.92	\$34.99
Laborers (Class 02 - See notes)	1/1/2015		\$22.32	\$13.72	\$36.04
Laborers (Class 03 - See notes)	6/1/2009		\$21.20	\$9.27	\$30.47
Laborers (Class 03 - See notes)	12/1/2009		\$21.20	\$9.72	\$30.92
Laborers (Class 03 - See notes)	6/1/2010		\$21.20	\$9.72	\$30.92
Laborers (Class 03 - See notes)	1/1/2011		\$21.45	\$10.52	\$31.97
Laborers (Class 03 - See notes)	1/1/2012		\$21.70	\$11.32	\$33.02

PREVAILING WAGES PROJECT RATES

Building	Effective Date	Expiration Date	Hourly Rate	Fringe Benefits	Total
Laborers (Class 03 - See notes)	1/1/2013		\$21.95	\$12.12	\$34.07
Laborers (Class 03 - See notes)	1/1/2014		\$22.20	\$12.92	\$35.12
Laborers (Class 03 - See notes)	1/1/2015		\$22.45	\$13.72	\$36.17
Laborers (Class 04 - See notes)	6/1/2009		\$21.67	\$9.27	\$30.94
Laborers (Class 04 - See notes)	12/1/2009		\$21.67	\$9.72	\$31.39
Laborers (Class 04 - See notes)	6/1/2010		\$21.67	\$9.72	\$31.39
Laborers (Class 04 - See notes)	1/1/2011		\$21.92	\$10.52	\$32.44
Laborers (Class 04 - See notes)	1/1/2012		\$22.17	\$11.32	\$33.49
Laborers (Class 04 - See notes)	1/1/2013		\$22.42	\$12.12	\$34.54
Laborers (Class 04 - See notes)	1/1/2014		\$22.67	\$12.92	\$35.59
Laborers (Class 04 - See notes)	1/1/2015		\$22.92	\$13.72	\$36.64
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
Marble Finisher	6/1/2009		\$19.17	\$10.55	\$29.72
Marble Finisher	12/1/2009		\$19.32	\$11.05	\$30.37
Marble Finisher	6/1/2010		\$19.52	\$11.70	\$31.22
Marble Mason	6/1/2009		\$19.42	\$8.48	\$27.90
Marble Mason	12/1/2009		\$19.42	\$8.91	\$28.33
Millwright	5/1/2008		\$32.71	\$14.29	\$47.00
Millwright	6/1/2011		\$34.42	\$15.08	\$49.50
Operators (Class 01 - see notes)	6/1/2009		\$28.99	\$14.80	\$43.79
Operators (Class 01 - see notes)	6/1/2010		\$30.22	\$15.32	\$45.54
Operators (Class 01 - see notes)	6/1/2011		\$31.45	\$15.40	\$46.85
Operators (Class 02 -see notes)	6/1/2009		\$25.80	\$14.80	\$40.60
Operators (Class 02 -see notes)	6/1/2010		\$26.78	\$15.32	\$42.10
Operators (Class 02 -see notes)	6/1/2011		\$27.76	\$15.40	\$43.16
Operators (Class 03 - see notes)	6/1/2009		\$24.08	\$14.80	\$38.88

PREVAILING WAGES PROJECT RATES

Building	Effective Date	Expiration Date	Hourly Rate	Fringe Benefits	Total
Operators (Class 03 - see notes)	6/1/2010		\$25.06	\$15.32	\$40.38
Operators (Class 03 - see notes)	6/1/2011		\$26.04	\$15.40	\$41.44
Painters Class 6 (see notes)	6/1/2009		\$24.77	\$12.81	\$37.58
Painters Class 6 (see notes)	6/1/2010		\$25.28	\$13.53	\$38.81
Painters Class 6 (see notes)	6/1/2010		\$25.28	\$14.78	\$40.06
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)	1/1/2010		\$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	6/1/2009		\$26.13	\$11.70	\$37.83
Plasterers	6/1/2010		\$26.13	\$12.15	\$38.28
Plasterers	6/1/2011		\$26.58	\$12.15	\$38.73
Plasterers	6/1/2012		\$27.03	\$12.15	\$39.18
Plumbers and Steamfitters	5/1/2009		\$32.20	\$16.44	\$48.64
Plumbers and Steamfitters	5/1/2010		\$33.38	\$17.38	\$50.76
Pointers, Caulkers, Cleaners	7/1/2009		\$25.88	\$13.33	\$39.21
Pointers, Caulkers, Cleaners	12/1/2009		\$25.98	\$13.83	\$39.81
Pointers, Caulkers, Cleaners	6/1/2010		\$25.98	\$14.33	\$40.31
Pointers, Caulkers, Cleaners	12/1/2010		\$26.36	\$14.53	\$40.89
Roofers	6/1/2010		\$22.00	\$13.96	\$35.96
Roofers (all)	6/1/2009		\$21.40	\$13.66	\$35.06
Sheet Metal Workers	7/1/2010		\$31.46	\$20.81	\$52.27
Sheet Metal Workers	1/1/2011		\$31.18	\$21.09	\$52.27
Sprinkerfitters	1/1/2010		\$33.85	\$17.60	\$51.45
Sprinkerfitters	1/1/2011		\$33.35	\$18.45	\$51.80

PREVAILING WAGES PROJECT RATES

Building	Effective Date	Expiration Date	Hourly Rate	Fringe Benefits	Total
Sprinkerrfitters	4/1/2011		\$34.18	\$18.45	\$52.63
Sprinkerrfitters	1/1/2012		\$34.18	\$18.60	\$52.78
Sprinkerrfitters	4/1/2012		\$35.21	\$18.65	\$53.86
Sprinkerrfitters	1/1/2013		\$35.21	\$18.80	\$54.01
Stone Masons	12/1/2007		\$27.55	\$13.47	\$41.02
Stone Masons	12/1/2009		\$28.92	\$15.20	\$44.12
Stone Masons	6/1/2010		\$29.32	\$15.85	\$45.17
Stone Masons	12/1/2010		\$29.75	\$16.22	\$45.97
Terrazzo Finisher	6/1/2009		\$25.61	\$12.04	\$37.65
Terrazzo Finisher	12/1/2009		\$25.76	\$12.54	\$38.30
Terrazzo Finisher	12/1/2010		\$26.36	\$13.19	\$39.55
Terrazzo Setter	6/1/2009		\$26.15	\$13.05	\$39.20
Terrazzo Setter	12/1/2009		\$26.30	\$13.55	\$39.85
Terrazzo Setter	6/1/2010		\$26.90	\$14.20	\$41.10
Terrazzo Setter	12/1/2010		\$26.90	\$14.20	\$41.10
Tile & Marble Finisher	6/1/2010		\$26.36	\$13.19	\$39.55
Tile Finisher	6/1/2009		\$20.77	\$10.05	\$30.82
Tile Finisher	12/1/2009		\$20.92	\$11.05	\$31.97
Tile Finisher	6/1/2010		\$21.12	\$11.70	\$32.82
Tile Setter	6/1/2009		\$26.85	\$13.45	\$40.30
Tile Setter	12/1/2009		\$27.10	\$13.95	\$41.05
Tile Setter	6/1/2010		\$27.40	\$14.60	\$42.00
Truckdriver class 1(see notes)	1/1/2009		\$24.23	\$11.44	\$35.67
Truckdriver class 1(see notes)	1/1/2010		\$24.98	\$12.04	\$37.02
Truckdriver class 1(see notes)	1/1/2011		\$25.48	\$12.79	\$38.27
Truckdriver class 1(see notes)	1/1/2012		\$25.88	\$13.49	\$39.37
Truckdriver class 1(see notes)	1/1/2013		\$26.25	\$14.22	\$40.47
Truckdriver class 2 (see notes)	1/1/2009		\$24.38	\$11.51	\$35.89
Truckdriver class 2 (see notes)	1/1/2010		\$25.13	\$12.11	\$37.24
Truckdriver class 2 (see notes)	1/1/2011		\$25.64	\$12.85	\$38.49
Truckdriver class 2.(see notes)	1/1/2012		\$26.02	\$13.57	\$39.59

PREVAILING WAGES PROJECT RATES

Building	Effective Date	Expiration Date	Hourly Rate	Fringe Benefits	Total
Truckdriver class 2 (see notes)	1/1/2013		\$26.40	\$14.29	\$40.69
Truckdriver class 3 (see notes)	1/1/2009		\$24.91	\$11.75	\$36.66
Truckdriver class 3 (see notes)	1/1/2010		\$25.64	\$12.37	\$38.01
Truckdriver class 3 (see notes)	1/1/2011		\$26.15	\$13.11	\$39.26
Truckdriver class 3 (see notes)	1/1/2012		\$26.53	\$13.83	\$40.36
Truckdriver class 3 (see notes)	1/1/2013		\$26.90	\$14.56	\$41.46

PREVAILING WAGES PROJECT RATES

Heavy/Highway	Effective Date	Expiration Date	Hourly Rate	Fringe Benefits	Total
Carpenter Welder	1/1/2009		\$28.23	\$12.16	\$40.39
Carpenter Welder	1/1/2010		\$29.16	\$12.56	\$41.72
Carpenter Welder	1/1/2011		\$29.42	\$13.57	\$42.99
Carpenter Welder	1/1/2012		\$30.17	\$13.92	\$44.09
Carpenter Welder	1/1/2013		\$30.93	\$14.26	\$45.19
Carpenters	1/1/2009		\$27.53	\$12.16	\$39.69
Carpenters	1/1/2010		\$28.48	\$12.56	\$41.04
Carpenters	1/1/2011		\$28.72	\$13.57	\$42.29
Carpenters	1/1/2012		\$29.47	\$13.92	\$43.39
Carpenters	1/1/2013		\$30.23	\$14.26	\$44.49
Cement Finishers	1/1/2009		\$26.72	\$12.97	\$39.69
Cement Finishers	1/1/2010		\$27.62	\$13.42	\$41.04
Cement Finishers	1/1/2011		\$28.02	\$14.27	\$42.29
Cement Finishers	1/1/2012		\$28.22	\$15.17	\$43.39
Cement Finishers	1/1/2013		\$28.60	\$15.89	\$44.49
Laborers (Class 01 - See notes)	1/1/2009		\$23.30	\$12.65	\$35.95
Laborers (Class 01 - See notes)	1/1/2010		\$23.75	\$13.55	\$37.30
Laborers (Class 01 - See notes)	1/1/2011		\$23.99	\$14.56	\$38.55
Laborers (Class 01 - See notes)	1/1/2012		\$24.07	\$15.58	\$39.65
Laborers (Class 01 - See notes)	1/1/2013		\$24.13	\$16.62	\$40.75
Laborers (Class 02 - See notes)	1/1/2009		\$23.46	\$12.65	\$36.11
Laborers (Class 02 - See notes)	1/1/2010		\$23.91	\$13.55	\$37.46
Laborers (Class 02 - See notes)	1/1/2011		\$24.15	\$14.56	\$38.71
Laborers (Class 02 - See notes)	1/1/2012		\$24.23	\$15.58	\$39.81
Laborers (Class 02 - See notes)	1/1/2013		\$24.29	\$16.62	\$40.91
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 03 - See notes)	1/1/2011		\$24.54	\$14.56	\$39.10
Laborers (Class 03 - See notes)	1/1/2012		\$24.62	\$15.58	\$40.20
Laborers (Class 03 - See notes)	1/1/2013		\$24.68	\$16.62	\$41.30
Laborers (Class 04 - See notes)	1/1/2009		\$24.30	\$12.65	\$36.95

PREVAILING WAGES PROJECT RATES

Heavy/Highway	Effective Date	Expiration Date	Hourly Rate	Fringe Benefits	Total
Laborers (Class 04 - See notes)	1/1/2010		\$24.75	\$13.55	\$38.30
Laborers (Class 04 - See notes)	1/1/2011		\$24.99	\$14.56	\$39.55
Laborers (Class 04 - See notes)	1/1/2012		\$25.07	\$15.58	\$40.65
Laborers (Class 04 - See notes)	1/1/2013		\$25.13	\$16.62	\$41.75
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 05 - See notes)	1/1/2011		\$25.40	\$14.56	\$39.96
Laborers (Class 05 - See notes)	1/1/2012		\$25.48	\$15.58	\$41.06
Laborers (Class 05 - See notes)	1/1/2013		\$25.54	\$16.62	\$42.16
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 06 - See notes)	1/1/2011		\$22.24	\$14.56	\$36.80
Laborers (Class 06 - See notes)	1/1/2012		\$22.32	\$15.58	\$37.90
Laborers (Class 06 - See notes)	1/1/2013		\$22.38	\$16.62	\$39.00
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 07 - See notes)	1/1/2011		\$24.99	\$14.56	\$39.55
Laborers (Class 07 - See notes)	1/1/2012		\$25.07	\$15.58	\$40.65
Laborers (Class 07 - See notes)	1/1/2013		\$25.13	\$16.62	\$41.75
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
Laborers (Class 08 - See notes)	1/1/2011		\$26.49	\$14.56	\$41.05
Laborers (Class 08 - See notes)	1/1/2012		\$26.57	\$15.58	\$42.15
Laborers (Class 08 - See notes)	1/1/2013		\$26.63	\$16.62	\$43.25
Operators (Class 01 - see notes)	1/1/2009		\$26.38	\$14.44	\$40.82
Operators (Class 01 - see notes)	1/1/2010		\$27.18	\$14.99	\$42.17
Operators (Class 01 - see notes)	1/1/2011		\$27.68	\$15.74	\$43.42
Operators (Class 01 - see notes)	1/1/2012		\$28.08	\$16.44	\$44.52
Operators (Class 01 - see notes)	1/1/2013		\$28.48	\$17.14	\$45.62
Operators (Class 02 -see notes)	1/1/2009		\$26.12	\$14.44	\$40.56
Operators (Class 02 -see notes)	1/1/2010		\$26.92	\$14.99	\$41.91

PREVAILING WAGES PROJECT RATES

Heavy/Highway	Effective Date	Expiration Date	Hourly Rate	Fringe Benefits	Total
Operators (Class 02 -see notes)	1/1/2011		\$27.42	\$15.74	\$43.16
Operators (Class 02 -see notes)	1/1/2012		\$27.82	\$16.44	\$44.26
Operators (Class 02 -see notes)	1/1/2013		\$28.22	\$17.14	\$45.36
Operators (Class 03 - See notes)	1/1/2009		\$22.47	\$14.44	\$36.91
Operators (Class 03 - See notes)	1/1/2010		\$23.27	\$14.99	\$38.26
Operators (Class 03 - See notes)	1/1/2011		\$23.77	\$15.74	\$39.51
Operators (Class 03 - see notes)	1/1/2012		\$24.17	\$16.44	\$40.61
Operators (Class 03 - See notes)	1/1/2013		\$24.57	\$17.14	\$41.71
Operators (Class 03)	1/1/2011		\$23.77	\$15.74	\$39.51
Operators (Class 04 - See notes)	1/1/2009		\$22.01	\$14.44	\$36.45
Operators (Class 04 - See notes)	1/1/2010		\$22.81	\$14.99	\$37.80
Operators (Class 04 - See notes)	1/1/2011		\$23.31	\$15.74	\$39.05
Operators (Class 04 - See notes)	1/1/2012		\$23.71	\$16.44	\$40.15
Operators (Class 04 - See notes)	1/1/2013		\$24.11	\$17.14	\$41.25
Operators (Class 05 - See notes)	1/1/2009		\$21.76	\$14.44	\$36.20
Operators (Class 05 - See notes)	1/1/2010		\$22.56	\$14.99	\$37.55
Operators (Class 05 - See notes)	1/1/2011		\$23.06	\$15.74	\$38.80
Operators (Class 05 - See notes)	1/1/2012		\$23.46	\$16.44	\$39.90
Operators (Class 05 - See notes)	1/1/2013		\$23.86	\$17.14	\$41.00
Painters Class 1 (see notes)	6/1/2009		\$27.24	\$12.81	\$40.05
Painters Class 1 (see notes)	6/1/2010		\$27.84	\$13.53	\$41.37
Painters Class 1 (see notes)	6/1/2010		\$27.84	\$15.03	\$42.87
Painters Class 2 (see notes)	6/1/2009		\$27.77	\$12.81	\$40.58
Painters Class 2 (see notes)	6/1/2010		\$28.38	\$13.53	\$41.91
Painters Class 2 (see notes)	6/1/2010		\$28.38	\$15.03	\$43.41
Painters Class 3 (see notes)	6/1/2009		\$29.81	\$12.81	\$42.62
Painters Class 3 (see notes)	6/1/2010		\$30.48	\$13.53	\$44.01
Painters Class 3 (see notes)	6/1/2010		\$30.48	\$15.28	\$45.76
Painters Class 4 (see notes)	6/1/2009		\$23.79	\$12.81	\$36.60
Painters Class 4 (see notes)	6/1/2010		\$24.38	\$13.53	\$37.91
Painters Class 4 (see notes)	6/1/2010		\$24.38	\$14.93	\$39.31

PREVAILING WAGES PROJECT RATES

Heavy/Highway	Effective Date	Expiration Date	Hourly Rate	Fringe Benefits	Total
Painters Class 5 (see notes)	6/1/2009		\$19.38	\$12.81	\$32.19
Painters Class 5 (see notes)	6/1/2010		\$19.81	\$13.53	\$33.34
Painters Class 5 (see notes)	6/1/2010		\$19.81	\$14.67	\$34.48
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

STANDARD BID TABULATION
COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF PUBLIC WELFARE

NAME OF VENDOR	BASE BID #1	BASE BID #2	BASE BID #3	PROPOSAL NUMBER	FACILITY
				W-0589-0901	New Castle Youth Development Center
				NRM PROJECT	BID OPENING DATE
				Replace Roofing on Security Building 13 and Administration Building 01 Corridor Roofs	May 4, 2011 2:00 PM
Northwestern Roofing 1344 Park Avenue Meadville, PA 16335	NO BID	RETURNED			
A. W. Farrell Roofing 1910 Schaper Avenue Erie, PA 16502	\$ 59,900.00	\$ 51,300.00			
Strongland Roofing Systems, Inc. 1465 Airport Road Vandergrift, PA 15690	NO BID	RETURNED			
McCreary Roofing 1909 Chestnut Street Erie, PA 16502	NO BID	RETURNED			
Davis Contracting 363 Mill Hill Road Ford City, PA 16226	NO BID	RETURNED			
Alex Roofing Construction Co. Inc. 1543 Frew Mill Road New Castle, PA 16101-7613	NO BID	RETURNED			
Beacon Construction Co. 5604 Baum Boulevard Pittsburgh, PA 15206	NO BID	RETURNED			
Bonded Applicators, Inc. 68 East Main Street Waynesboro, PA 17268	NO BID	RETURNED			
Coker Construction Companies 600 Walnut Street McKeesport, PA 15132	NO BID	RETURNED			
Steel Valley Roofing and Sheet Metal 254 Wet Track Road West Middlesex, PA 16159	NO BID	RETURNED			
Eagle Design, Inc. 436 Butler Street Pittsburgh, PA 15223	NO BID	RETURNED			

FOR LOCAL AWARDS (BIDS OPENED IN PRESENCE OF)
I CERTIFY THAT THE ABOVE IS A TRUE AND CORRECT COPY OF BIDS RECEIVED AND AWARDS MADE.

APPROVED SIGNATURE _____ BUSINESS MANAGER _____

PURCHASING AGENT _____ TREASURY _____

FOR DIVISION OF PROCUREMENT USE ONLY (WITNESSED OPENINGS)
DEPT. PUBLIC WELFARE
Beth A. J...
Christina Z. Schroyer

TIE BIDS - AWARDED BY BUSINESS MANAGER

STANDARD BID TABULATION COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF PUBLIC WELFARE		PROPOSAL NUMBER W-0589-0901 NRM PROJECT Replace Roofing on Security Building 13 and Administration Building 01 Corridor Roofs		FACILITY New Castle Youth Development Center BID OPENING DATE May 4, 2011 2:00 PM	
NAME OF VENDOR	BASE BID #1	BASE BID #2	BASE BID #3		
Jensens Building and Development 607 Lexington Avenue Warren, PA 16365	NO BID	RETURNED			
Squeaky Clean Construction 3951 Leechburg Road Lower Burrell, PA 15068	NO BID	RETURNED			
Allegheny Fabricating and Supplies, Inc. 208 Woodland Road Pittsburgh, PA 15238	NO BID	RETURNED			
PJL Trucking Inc. 1237 Million Dollar Highway Kersey, PA 15846	NO BID	RETURNED			
Ida Yeager Sales, Inc. 252 Magill Road Zelienople, PA 16063	NO BID	RETURNED			
Hausler Roofing, Inc. 3212 Smallman Street Pittsburgh, PA 15201-1427	NO BID	RETURNED			
Slippery Rock Commercial Roofing 3941 Old Butler Road New Castle, PA 16101	NO BID	RETURNED			
Ramp Construction Co. Inc. 2 Iron Street Canonsburg, PA 15217	\$ 49,000.00	\$ 44,000.00			
Arrow Enterprises Inc. 244 West Airpark Drive Central City, PA 15926	NO BID	RETURNED			
Magnelli's Construction Co. 605 Longview Drive Elliottsburg, PA 17024	NO BID				
RT General Construction 1300 Industrial Boulevard, Suite B-3 Southampton, PA 18966	NO BID	RETURNED			

FOR LOCAL AWARDS (BIDS OPENED IN PRESENCE OF)		FOR DIVISION OF PROCUREMENT USE ONLY (WITNESSED OPENINGS)	
APPROVED SIGNATURE	I CERTIFY THAT THE ABOVE IS A TRUE AND CORRECT COPY OF BIDS RECEIVED AND AWARDS MADE.	DEPT. PUBLIC WELFARE	
PURCHASING AGENT	BUSINESS MANAGER	<i>Beeth A. J. J. J.</i>	TREASURY
		<i>James Li Makumel</i>	
		<i>Christine Z. Schroyer</i>	

TIE BIDS - AWARDED BY BUSINESS MANAGER

REQUEST TO ADVERTISE SOLICITATION: W-0589-0901

General Information

Department:
 Date Prepared: 04/14/11 Type: IFB
 Advertisement Agency Construction
 Type :
 Solicitation#: W-0589-0901 Solicitation Title : Replace Roofs on Security Bldg 13 & Admin. Bldg 01

Description : Install a new roofing materials, flashings and specified accessories on the Administration Building 01 connecting corridor roofs and the Security Building 13 roof.

Department Information

Department/Agency : Public Welfare Delivery New Castle Youth Development Center, 1745 Frew Mill Road, New Castle, PA 16101
 County (if applicable) : Lawrence 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: 04/14/11 Solicitation End Date : 05/04/11
 Bid Opening Date : 05/04/11 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: 04/14/11

Close Window

