



## Solicitation Solicitation Amendment

1. Amendment Number A02 to Solicitation Number 512582-07-A-0010		Date 09/06/2007		
2a. Facility SAN JOSE, CA - P&D CENTER		2b. Project Q65124 FSS Bldg Expansion		
3a. Offeror Name and Address		3b. Issued By 4301 Wilson Blvd Arlington, VA 22203-1861		
		3c. Contact JOSE L CARRASQUILLO 703-526-2768		
4. The above numbered solicitation is amended as set forth in Block 5. Note: Offerors must acknowledge receipt of this amendment prior to the date and time specified in the solicitation by one of the following methods: a. By signing and returning one copy of the amendment; b. By acknowledging receipt of this amendment on each copy of the offer submitted; or c. By submitting a separate letter or telegram which includes a reference to the solicitation and amendment numbers.  FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE SPECIFIED IN THE SOLICITATION PRIOR TO THE DATE AND TIME SPECIFIED FOR RECEIPT OF OFFERS MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment, you desire to change an offer already submitted, such change may be made by telegram or letter provided such telegram or letter makes reference to the solicitation and amendment numbers, and is received prior to the date and time specified. The date and time specified for receipt of offers is:  09/18/2007 03:00 PM EST				
5. Description of Amendment:  Amendment # 2, Solicitation # 512582-07-A-0010 includes the followings items: 1)Changes in division 2 -16 the followings sections: a)Section 05500 b)Section 07210 c)Section 07540 d)Section 08620 e)Section 11160 2) Questions and Answer from General Contractors				
6. Contractor Signature		Date Signed	U. S. Postal Service Signature	Date Signed
Name of person authorized to sign		Contracting Officer Albert J Novack		

**2.3 ROUGH HARDWARE**

- A. Furnish bent or otherwise custom fabricated bolts, plates, anchors, hangers, dowels, and other miscellaneous steel and iron shapes as required for framing and supporting woodwork, and for anchoring or securing woodwork to concrete or other structures. Straight bolts and other stock rough hardware items are specified in Division 6 sections.
- B. Fabricate items to sizes, shapes, and dimensions required. Furnish malleable-iron washers for heads and nuts which bear on wood structural connections; elsewhere, furnish steel washers.

**2.4 LOOSE STEEL LINTELS**

- C. Fabricate loose structural steel lintels from steel angles and shapes of size indicated for openings and recesses in masonry walls and partitions at locations indicated.
- D. Weld adjoining members together to form a single unit where indicated.
- E. Size loose lintels for equal bearing of one inch per foot of clear span but not less than 8 inches bearing at each side of openings, unless otherwise indicated.
- F. Galvanize all surfaces of loose steel lintels located in exterior walls.

**2.4 MISCELLANEOUS FRAMING AND SUPPORTS**

- A. General: Provide steel framing and supports for applications indicated or which are not a part of structural steel framework, as required to complete work.
- B. Fabricate units to sizes, shapes, and profiles indicated and required to receive adjacent other construction retained by framing and supports. Fabricate from structural steel shapes, plates, and steel bars of welded construction using mitered joints for field connection. Cut, drill, and tap units to receive hardware, hangers, and similar items.
  - 1. Equip units with integrally welded anchors for casting into concrete or building into masonry. Furnish inserts if units must be installed after concrete is placed.
    - a. Except as otherwise indicated, space anchors 24 inches on center and provide minimum anchor units in the form of steel straps 1-1/4 inch x 8 inches long.
- C. ■ NOT USED - Fabricate support for suspended toilet partitions as follows:
  - 1. ■ NOT USED - Beams: Continuous steel shapes of size required to limit deflection to L/360 between hangers, but use not less than C 8 x 11.5 channels or another shape with equivalent structural properties.
  - 2. ■ NOT USED - Hangers: Steel rods, 1/2 inch in diameter, spaced not more than 36 inches on center. Thread rods to receive anchor and stop nuts. Fit hangers with wedge shape washers for full bearing on sloping flanges of support beam.
  - 3. ■ NOT USED - Braces and Angels: Steel angles of size required for rigid support of beam and for secure anchorage.

**2.5 MISCELLANEOUS STEEL TRIM**

- A. Provide shapes and sizes indicated for profiles shown. Unless otherwise indicated, fabricate units from structural steel shapes, plates, and steel bars, with continuously welded joints and smooth exposed edges. Use concealed field splices wherever possible. Provide cutouts, fittings, and anchorages as required for coordination of assembly and installation with other work.

SECTION 07210  
BUILDING INSULATION

PART 1 - GENERAL

1.1 SUMMARY

- A. Section Includes:
1. Batt Insulation in exterior wall construction.
  2. Board Insulation in roof and exterior wall construction, and under slab and at foundation perimeter.
  3. Air retardant barrier.
- B. Related Documents: The Contract Documents, as defined in Section 01110 - Summary of Work, apply to the Work of this Section. Additional requirements and information necessary to complete the Work of this Section may be found in other Documents.
- C. Related Sections:
1. Section 07540 – Thermoplastic Membrane Roofing.

1.2 REFERENCES

- A. American Society for Testing and Materials (ASTM):
1. ASTM C578 - Standard Specification for Rigid, Cellular Polystyrene Thermal Insulation.
  2. ASTM C665 - Standard Specification for Mineral-Fiber Blanket Thermal Insulation for Light Frame Construction and Manufactured Housing.
  3. ASTM E84 - Standard Test Method for Surface Burning Characteristics of Building Materials.
- B. Federal Specifications (FS):
1. FS HH-I-1972/GEN - Insulation Board, Thermal, Faced, Polyurethane or Polyisocyanurate.

1.3 SUBMITTALS

- A. Section 01300 - Submittals: Procedures for submittals.
- a. Product Data: For each product indicate product characteristics, performance criteria, and limitations.
  - b. Samples: Submit 12" x 12" sample of each type of insulation.

1.4 QUALITY ASSURANCE

- A. Regulatory Requirements: Conform to ASTM E 119 and ASTM E 84 for fire-resistant ratings and surface burning characteristics. Conform to insulation flame spread and smoke developed requirements of local authority having jurisdiction.

- B. Certification: For projects California provide Products certified by manufacturer that meet California Quality Standards for Insulating Materials.
- C. Products containing urea-formaldehyde are prohibited.

## 1.5 DELIVERY, STORAGE, AND HANDLING

- A. Section 01600 - Product Requirements: Transport, handle, store, and protect Products.
- B. Protect insulation from moisture, soiling and other damaging items.
- C. Store in dry location protected from sunlight.

## 1.6 ENVIRONMENTAL REQUIREMENTS

- A. Resource Management:
  - 1. Recycled Content: Provide fiberglass insulation manufactured from minimum 30 percent recycled glass.
- B. Environmental Impact:
  - 1. Only Greenguard indoor air quality certified products will be permitted.
  - 2. Chlorofluorocarbons (CFCs): Products and equipment requiring or using CFCs during the manufacturing process will not be permitted.

## PART 2 - PRODUCTS

### 2.1 BATT INSULATION

- A. Manufacturers:
  - 1. Johns Manville Corporation, Denver, Co (800) 654-3103.
  - 2. Knauf Fiberglass, Shelbyville, IN (317) 398-4434, (800) 825-4434.
  - 3. Owens-Corning Fiberglass Corporation, Toledo, OH (419) 248-8000, (800) 438-7465.
  - 4. Section 01600 - Product Requirements: Product options and substitutions. Substitutions: Permitted.
- B. Materials: Fiberglass insulation manufactured from minimum 30 percent recycled glass.
  - 1. Unfaced Glass Fiber: ASTM C 665, Type I, unfaced. Thermal resistance R-value as indicated on Drawings.
  - 2. Faced Glass Fiber: ASTM C 665, Type III, Class A, with reflective covering one side. Thermal resistance R-value as indicated on Drawings.

### 2.2 BOARD INSULATION

- A. Manufacturers:
  - 1. Dow Chemical Company, Construction Materials Group, Midland, MI (800) 441-4369.
  - 2. Owens Corning, Toledo, OH (800) 828-7155.
  - 3. Johns Manville Corporation, Denver, Co (800) 654-3103.

4. Section 01600 - Product Requirements: Product options and substitutions. Substitutions: Permitted.

B. Materials:

1. Extruded Cellular Type Polystyrene: ASTM C578, Type 25PSI (density 1.6 pcf minimum); resistance R-value 5.0 per inch.
  - a. Dow: Styrofoam.
  - b. Owens Corning: Foamular 250.
2. Fiberglass Reinforced Polyisocyanurate: 16.5 mil embossed white acrylic coated aluminum facing one side, 1 mil plain aluminum facing on the other side; resistance R-value 6.3 per inch.
  - a. Dow: Thermax.
3. ■ NOT USED - Composite Insulation Board: Polyisocyanurate base integrally bonded to a ½ inch layer of perlite fiberboard on one side and non-asphaltic fiberglass mat on the other; R-value 5.75 per inch. ASTM C-1289, FS HH-1-1972, Class 2.
  - a. Johns Manville Corporation: Fesco Foam.

### 2.3 AIR RETARDANT

- A. ASTM D 4397, 6 mils thick, maximum permeance rating of 0.13 perm.
- B. Vapor Retardant Tape: Pressure-sensitive of type recommended by vapor retardant manufacturer for sealing joints and penetrations in vapor retardant.

### 2.4 ACCESSORIES

- A. Joint Closure System: Continuous, high impact, shatter resistant, PVC closure channels, mechanically fastened to substrate or structure, acceptable to manufacturer of insulation board, located at all joints and edges. Color: White. Joints caulked with Vulkem 116, Sikaflex 201 or sealant recommended by manufacturer of insulation board.
  1. Dow: Thermax Joint Closure.
- B. Tape: Polyethylene or polyester self-adhering type; 2 inches (5.08 cm) wide, acceptable to manufacturer of insulation board.
- C. Adhesive: Waterproof type, acceptable to manufacturer of insulation board.
- D. ■ Roof Insulation Protection Board: ½" Glass mat gypsum protection board. Adhesive recommended by manufacturer of insulation board.
  1. Georgia Pacific: DensDeck.Prime.

## PART 3 - EXECUTION

### 3.1 EXAMINATION

- A. Section 01700 - Execution Requirements: Verification of existing conditions before starting work.

- B. Verification of Conditions: Verify that field measurements, surfaces, substrates and conditions are as required, and ready to receive Work.
  - 1. Batt Insulation:
    - a. Verify adjacent materials are dry and ready to receive installation.
    - b. Verify mechanical and electrical services within walls have been installed and tested.
  - 2. Board Insulation:
    - a. Verify substrate and adjacent materials and insulation boards are dry and ready to receive insulation and adhesive.
    - b. Verify insulation boards are unbroken, free of damage.
- C. Report in writing to Contracting Officer prevailing conditions that will adversely affect satisfactory execution of the Work of this Section. Do not proceed with Work until unsatisfactory conditions have been corrected.
- D. By beginning Work, Contractor accepts conditions and assumes responsibility for correcting unsuitable conditions encountered at no additional cost to the United States Postal Service.

### 3.2 INSTALLATION - BATT INSULATION

- A. Install batt insulation in accordance with manufacturer's instructions, without gaps or voids.
- B. Trim insulation neatly to fit spaces. Use batts free of damage. Fit insulation tight in spaces and tight to exterior side of mechanical and electrical services within the plane of insulation.
- C. Install insulation with factory applied membrane facing warm side of building spaces. Lap ends and side flanges of membrane. Attach insulation in place to framing; tape seal butt ends and lapped side flanges. Tape seal tears or cuts in membrane.

### 3.3 INSTALLATION - BOARD INSULATION FOUNDATION PERIMETER

- A. Apply adhesive in three continuous beads to board insulation.
- B. Install boards on foundation wall or grade beam perimeter. Place boards by method to maximize contact bedding. Stagger joints. Butt edges and ends tight to adjacent board and to protrusions. Tape insulation board joints.
- C. Extend boards over joints, unbonded to foundation 2 inches (5.08 cm) both sides of joint. Backfill carefully to prevent damage to insulation boards.

### 3.4 INSTALLATION - BOARD INSULATION UNDER CONCRETE SLAB

- A. Place insulation under slabs, as indicated on drawings, on grade after base for slab has been compacted.
- B. Prevent insulation from being displaced or damaged while placing slab.

END OF SECTION

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## SECTION 07540

## THERMOPLASTIC MEMBRANE ROOFING

## PART 1 - GENERAL

## 1.1 SUMMARY

## A. Section Includes:

1. Preparation of roof deck to receive roofing membrane.
2. Vapor/Air retarder.
3. Roof insulation.
4. Adhered thermoplastic membrane roofing system.
5. Flashing membrane.
6. Accessories.
7. Edge metal.

## B. Related Documents:

1. The Contract Documents, as defined in Section 01110 - Summary of Work, apply to the Work of this Section.
2. Memorandum of Understanding (MOU) between the United States Environmental Protection Agency's ENERGY STAR® Roof Products Program and Roofing Material Manufacturers.
3. Additional requirements and information necessary to complete the Work of this Section may be found in other documents.

## 1.2 REFERENCES

## A. American Society for Testing and Materials (ASTM):

1. ASTM C208 - Specification for Cellulosic Fiber Insulating Board.
2. ASTM C1177 - Standard Specification for Glass Mat Gypsum Roof Board.
3. ASTM C1289 - Specification for Faced Rigid Cellular Polyisocyanurate Thermal Insulation Board.
4. ASTM D570 - Test Method for Water Absorption of Plastics.
5. ASTM D638 - Test Method for Tensile Properties of Plastics.
6. ASTM D751 - Test Method for Coated Fabrics.
7. ASTM D1004 - Test Method for Initial Tear Resistance of Plastic Film and Sheeting.
8. ASTM D1079 - Terminology Relating to Roofing and Waterproofing.
9. ASTM D1204 - Test Method for Linear Dimensional Changes of Nonrigid Thermoplastic Sheeting or Film at Elevated Temperature.
10. ASTM D2136 - Test Method for Coated Fabrics – Low Temperature Bend Test.
11. ASTM D3045 - Practice for Heat Aging of Plastics Without Load.
12. ASTM D4434 - Specification for Poly(Vinyl Chloride) Sheet Roofing. (Most Recent Edition)
13. ASTM D5602 - Test Method for Static Puncture Resistance of Roofing Membrane Samples.
14. ASTM D5635 - Test Method for Dynamic Puncture Resistance of Roofing Membrane Samples.
15. ASTM D 6878 - Standard Specification for Thermoplastic Polyolefin based Sheet Roofing.

16. ASTM E84 - Test Method for Surface Burning Characteristics of Building Materials.
17. ASTM E96 - Test Methods for Water Vapor Transmission of Materials.
18. ASTM E108 - Test Methods for Fire Tests of Roof Coverings.
19. ASTM E903 - Standard Test Method for Solar Absorptance, Reflectance, and Transmission of Materials Using Integrating Spheres.
20. ASTM G21 - Practice for Determining Resistance of Synthetic Polymeric Materials to Fungi.
21. ASTM G26 - Practice for Operating Light-Exposure Apparatus (Xenon-Arc Type) With and Without Water for Exposure of Nonmetallic Materials.
22. ASTM G53 - Practice for Operating Light- and Water – Exposure Apparatus (Fluorescent UV/Condensation Type) for Exposure of Nonmetallic Materials.

B. Factory Mutual Global (FMG):

1. FMG - Approval Guide, Building Materials.
2. FMG - Loss Prevention Data 1-28, Wind Loads to Roof Systems and Roof Deck Securement.
3. FMG - Loss Prevention Data 1-29, Above Deck Roof Components (June 1996).
4. FMG - Standard 4450, Class 1 Insulated Steel Deck Roofs.
5. FMG - Standard 4470, Class 1 Roof Covers.

C. Underwriters Laboratory (UL):

1. Class A rated roofing system

### 1.3 SYSTEM DESCRIPTION

A. ■ Fully Adhered PVC Membrane Roofing System.

- B. Manufacturer of roofing membrane must be a Partner in the EPA ENERGY STAR® Roof Products Program for energy efficiency and membrane supplied for Work must meet the applicable Program specification.

### 1.4 SUBMITTALS

A. Section 01330 - Submittal Procedures: Procedures for submittals.

1. Product Data:

- a. Membrane materials, base flashing, materials, and insulation.
- b. Insulation fastener layouts complying with FMG Loss Prevention Data Sheet 1-29 patterns for specified wind uplift resistance. Indicate number of insulation fasteners required and spacing of fasteners for field, perimeter, and corners for each pattern.
2. Shop Drawings: Indicate setting plan for insulation including fastener pattern, layout of roofing seams, direction of laps and base flashing details.
3. Assurance/Control Submittals:
  - a. Certificates: Manufacturer is to certify that components and products meet or exceed specified standards and complies with referenced standards.
  - b. Qualification Documentation: Manufacturer certification indicating roofing applicator qualifications complying with requirements specified in Paragraph entitled "Applicator Qualifications" of this Section.
  - c. Manufacturer's certification letter acknowledging receipt of specifications, intent to issue warranty, and intent to perform field audits as outlined in 1.4.3.d.

- d. **Manufacturer's Field Reports:** Submit the following reports directly to Contracting Officer from Manufacturer's Roofing Quality Control Inspector, with copy to Contractor. Prepare reports in conformance with Section 01450 - Quality Control:
    - 1) Preparatory inspection.
    - 2) Initial inspection.
    - 3) Follow-up inspections.
    - 4) Final inspection.
  - e. **Written certification** that proposed roofing membrane meets the EPA ENERGY STAR® Roof Products Program specification for energy efficiency and that the manufacturer is listed as a Partner.
4. **Maintenance Instruction:** Document training by furnishing a sign-in sheet with a description of the training provided, instructors name and organization and those who received training. Refer to 01780 1.3, 1.4, and 1.5 for more specific training requirements.

#### 1.5 QUALITY ASSURANCE

- A. ■ **Applicator Qualifications:** Company specializing in PVC membrane roof application with minimum of 5 years documented experience and that is approved, authorized, or licensed by roofing system manufacturer to install manufacturer's product, and that is eligible to receive a manufacturer's warranty.
- B. **Single Source Responsibility:** Roofing system materials and components shall be supplied and warranted by membrane manufacturer for specified roofing system and shall be in compliance with all applicable regulatory requirements.
- C. **FMG Listing:** Provide roofing membrane, base flashings, and component materials that comply with requirements in FMG 4450 and FMG 4470 as part of a membrane roofing system and that are listed in FMG's "Approval Guide" for Class 1 or noncombustible construction, as applicable. Identify materials with FMG markings.
  1. **Fire/Windstorm Classification:** Class 1A- 90.
  2. **Hail Resistance:** SH.
- D. **Pre-installation Meeting:**
  1. **Convene a Pre-installation Meeting** at Project Site one week prior to commencing work of this Section.
  2. **Require attendance** of parties directly affecting work of this Section.
  3. **Review preparation and installation procedures** and coordinating and scheduling required with related work.
    - a. **Require Manufacturer's Roofing Quality Control Inspector** to conduct Pre-installation Meeting along with Contractor Quality Control Representative and Contracting Officer.
  4. **Agenda:**
    - a. **Tour, inspect and discuss condition** of substrate, roof drains, roof drain final locations, curbs, penetrations and other preparatory work performed by other trades.
    - b. **Review structural loading limitations** of deck and inspect deck for loss of flatness and for required mechanical fastening.

- c. Review roofing system requirements (Drawings, Specifications and other Contract Documents).
- d. Review required submittals, both completed and yet to be completed.
- e. 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.
- f. Review requirements for inspections, testing, certifying, and material usage accounting procedures.
- g. Review weather and forecasted weather conditions, and procedures for coping with unfavorable conditions, including possibility of temporary roofing.
- h. Review safety precautions relating to roofing installation.

## 1.6 DELIVERY, STORAGE AND HANDLING

- A. Section 01600 - Product Requirements: Transport, handle, store, and protect products.
- B. Deliver materials in manufacturer's original unopened containers or wrappings, dry, undamaged, seals and labels intact.
- C. Store materials in weather protected environment, clear of ground and moisture. Protect foam insulation from direct sunlight exposure.
- D. Protect adjacent materials and surfaces against damage from roofing work. Do not store materials on previously completed roofing.

## 1.7 PROJECT CONDITIONS OR SITE CONDITIONS

- A. Environmental Requirements:
  1. Do not apply roofing membrane during inclement weather. When air temperature is expected to fall below 40 degrees F, follow specified Cold Weather Application Procedures.
  2. Do not apply roofing membrane to wet, damp or frozen deck surface or when precipitation is occurring.
  3. Do not expose materials vulnerable to water or the sun in quantities greater than can be weatherproofed during same day.

## PART 2 - PRODUCTS

### 2.1 ROOFING MEMBRANE

- A. ■ Fabric reinforced PVC one ply roofing membrane, minimum thickness of 0.059 inch (59 mil) (1.5 mm) ASTM D4434, Type III or Type IV.
  1. Duro-Last: Specially formulated roofing membrane.
  2. GenFlex: RM (PVC) Membrane.
  3. Johns Manville: UltraGard PVC SR60.
  4. Sarnafil: S327 EnergySmart Roof™.
  5. Seaman: FiberTite® Membrane.
  6. Tremco: TPA Single Ply Roof System.
  7. Solar reflectance, ASTM E903:

- a. Initial reflectance: 0.65 minimum.
  - b. Three years after installation: 0.50 minimum.
8. Membrane is to be fungi resistant with no growth and no discoloration after 21 days exposure in accordance with ASTM G21.
- B. Section 01600 - Product Requirements: Product options and substitutions. Substitutions: Permitted.

## 2.2 AUXILIARY MATERIALS

- A. General: Auxiliary materials recommended by roofing system manufacturer for intended use and compatible with membrane roofing.
1. Liquid-type auxiliary materials shall meet VOC limits of authorities having jurisdiction.
- B. Sheet Flashing: Manufacturer's standard unreinforced thermoplastic polyolefin sheet flashing, [55 mils (1.4mm)] thick, minimum, of same color as sheet membrane.
- C. Bonding Adhesive: Manufacturer's standard water-based bonding adhesive for membrane, and solvent-based bonding adhesive for base flashings.

## 2.3 AIR RETARDANT

- A. ASTM D 4397, 6 mils thick, maximum permeance rating of 0.13 perm.
- B. Vapor Retardant Tape: Pressure-sensitive of type recommended by vapor retardant manufacturer for sealing joints and penetrations in vapor retardant.

## 2.4 ROOF INSULATION

- A. ■ Polyisocyanurate Foamboard Insulation, R-value as indicated on Drawings, which meets or exceeds FS HH-I-1972/2, faces covered other with glass fiber felt; comply with FMG Standard 4450 Approval.
1. ■ Overlay insulation with ½" glass mat gypsum protection board applied as a second layer with joints offset from bottom layer. Adhere protection board using two-part adhesive as recommended by board and insulation manufacturer.
- B. Roof Curb Insulation: Polyisocyanurate foam; thickness as indicated on drawings.
- C. Tapered Insulation: Provide crickets, saddles, and tapered insulation of same material as second layer of insulation; taper to the following slopes:
1. Cricket and Saddles: 1/4 inch per foot or twice the slope of the roof, whichever is greater.
  2. Insulation Installed to Counterslope Roof Structure: 1/2 inch to the foot, or twice slope of roof, whichever is greater.
- D. Glass Mat Gypsum Roof Board: ASTM C-1177. Zero flame spread and zero smoke developed per ASTM E84. Minimum 500 pounds per square compressive strength.

## 2.5 ROOF INSULATION ASSEMBLIES

- A. Two layers of isocyanurate shall be used with staggered joints. Both layers may be loose laid and fastened with the same insulation fastener and plate.
- B. Total thickness of insulation shall be calculated using USPS guidelines.

## 2.6 ACCESSORIES

- A. Roofing Insulation Fasteners: Fasteners shall be as tested and approved by FMG as part of the roofing system.
  - 1. Mechanical Fasteners for Insulation: Coated fasteners with plates appropriate for purpose intended and approved by Factory Mutual and roofing membrane manufacturer. Thickness of insulation and roofing membrane manufacturer's deck penetration requirements shall determine the length of the fastener.
- B. Cant and Tapered Edge Strips: Not required.
- C. Walkway Pads: Walkway materials shall be provided by the roofing membrane manufacturer.
- D. Isolation Pads: Provide a piece of walkway pad as above.
- E. Termination: Use roofing membrane manufacturer's recommended termination details and associated products to comply with Warranty requirements.
- F. Pipe Flashings: Prefabricated pipe flashings shall be supplied by the roofing membrane manufacturer.
- G. Roof to Wall Expansion Joint Cover: Neoprene bellows type, factory-prefabricated, insulated seismic expansion joint cover. Minimum R-value as indicated on Drawings.

## PART 3 - EXECUTION

### 3.1 EXAMINATION

- A. Section 01700 - Execution Requirements: Verification of existing conditions before starting work.
- B. Verification of Conditions: Verify that field measurements, surfaces, substrates and conditions are as required, and ready to receive Work.
  - 1. Verify deck is clean and smooth, free of depressions, waves, or projections, properly sloped to drains, valleys, and eaves. Verify flutes of steel deck are evenly spaced at intersections.
  - 2. Verify roof openings, curbs, pipes, sleeves, ducts, or vents through roof are solidly set, and nailing strips, and reglets are in place. Verify deck is supported and tightly secured.
  - 3. Verify deck surfaces are dry and free of water, snow, and ice.
- C. Report in writing to Contracting Officer prevailing conditions that will adversely affect satisfactory execution of the Work of this Section. Do not proceed with Work until unsatisfactory conditions have been corrected.
- D. By beginning Work, Contractor accepts conditions and assumes responsibility for correcting unsuitable conditions encountered at no additional cost to the United States Postal Service.

### 3.2 PREPARATION

- A. Provide covers and other means of protection as necessary to protect building surfaces against damage during roofing work.

- B. Where work shall continue over finished roof membrane, protect surfaces according to roofing membrane manufacturer's recommendations.

### 3.3 ROOF INSULATION INSTALLATION

#### A. Multiple Layer Installation:

1. Place long edge of boards parallel to deck flutes, forming joint over solid bearing. Lay first layer insulation units with long edge joints continuous and end joints staggered.
2. Lay second layer of insulation with both long side and end joints offset 6 inches (15 cm) from joints below. Install insulation fastener and plate through both layers of insulation. Fastener and plate must be approved for and installed at the required density to achieve the specified FMG 1A-90 system and in accordance with requirements of FMG Loss Prevention Data Sheet 1-29 for specified wind uplift requirements.

- B. Lay insulation boards to moderate contact without forcing joints. Cut insulation to fit neatly to perimeter blocking and around protrusions through roof.

1. Gaps between insulation boards, nailers and penetrations of 1/4 inch (0.64 cm) or greater are not acceptable.

- C. Place roof crickets and tapered thickness insulation to the required slope pattern in accordance with manufacturer's published instructions.

- D. Apply no more insulation than can be waterproofed with roofing membrane in same day.

- E. Mechanically attach a single layer of insulation to manufactured metal curbs.

### 3.4 ■ ROOF INSULATION PROTECTION BOARD INSTALLATION

#### A. ■ Protection Board Layer Installation:

1. Place layer of protection board with both long side and end joints offset 6 inches (15 cm) from joints below. Install protection board using two part adhesive as recommended by insulation manufacturer.

- B. ■ Lay protection boards to moderate contact without forcing joints. Cut insulation to fit neatly to perimeter blocking and around protrusions through roof.

1. Gaps between protection boards, nailers and penetrations of 1/4 inch (0.64 cm) or greater are not acceptable.

### 3.5 ROOFING MEMBRANE APPLICATION

- A. Apply roofing membrane in accordance with membrane manufacturer's published instructions for specified system.

- B. All quality control recommendations of the roofing system manufacturer shall be strictly followed.

- C. Cold Weather Application Procedures: When air temperature is expected to fall below 40 degrees F, follow Cold Weather Application Procedures as follows:
  - 1. Store flashing adhesive in heated storage units (minimum temperature 40 degrees F) prior to installation.
  - 2. Follow roofing membrane manufacturer's recommendation for cold weather application of adhered flashings.

### 3.6 WATER CUTOFFS AND WEATHER PROTECTION

- A. Install water cut-offs according to roofing membrane manufacturer's recommendations at end of day's operation to seal insulation and edge of roof membrane from moisture entry. If rain or foul weather appears imminent during roofing application, cease operations and protect deck, insulation, flashings, penetrations and membrane from moisture intrusion and damage with water cutoffs. Insulation and roofing materials not so protected before rain are considered damaged materials and will be rejected.
- B. Water cut-offs over steel deck must include steel deck flute plugs to prevent moisture from getting under insulation.
- C. Remove water cut-offs and other temporary weather protections prior to continuing roofing work. Remove materials that have been subject to moisture damage and return deck to clean, dry condition before proceeding with roofing operations. Remove damaged materials from job site.
- D. Water cut-offs and weather protection shall not be considered part of final roof system specified.

### 3.7 FLASHING MEMBRANE AND ACCESSORIES

- A. Field membrane shall be terminated with fasteners and plates. Flashing membrane, mechanically attached or adhered, shall be extended past the termination of the field membrane and hot air welded on the horizontal plane.
- B. Roof Penetrations:
  - 1. Prefabricated pipe flashings shall be installed where the configuration of penetration will permit, including but not limited to electrical conduit, and plumbing vents.
  - 2. Field fabrication of flashing shall be used where the configuration of the penetration prohibits the use of prefabricated flashing.
- C. Fasten membrane and flashing terminations per roofing membrane manufacturer's recommendations.
- D. Walkway Pads: Weld walkways to roofing membrane per manufacturer's recommendation.

### 3.8 ROOF SURFACING

- A. No field-applied surfacing shall be utilized with this roofing system.

### 3.9 CONSTRUCTION

- A. Interface with Other Work:

1. Coordinate Work with installation of associated metal counterflashings specified under other Sections as Work of this Section proceeds.
2. Complete installation of base flashing at roof curbs prior to setting roof top equipment.
3. Coordinate Work with Plumbing for roof drain(s) installation.

### 3.10 FIELD QUALITY CONTROL

- A. Section 01450 - Quality Control: Field inspection.
- B. Manufacturer's Field Services: Manufacturer's Roofing Quality Control Inspector.
  1. Attend and conduct Pre-installation Meeting.
  2. Perform preparatory, initial, follow-up and final inspections for installation of roof insulation and roofing system.
  3. Prepare and submit inspection reports for each inspection made.
  4. Maintenance Instruction.
    - a. Provide on-site instruction to review the components of the system and detail any common troubleshooting or maintenance that is required to ensure normal performance of the roofing system.
    - b. Provide one complete set of installation details and component manuals that will remain at the installed location.

### 3.11 CLEANING

- A. Section 01700 - Execution Requirements: Requirements for cleaning.
- B. Remove dirt, debris, and markings from finished surfaces. In areas where finished surfaces are soiled, consult roofing membrane manufacturer for cleaning advice and comply with their instruction.
- C. Replace defaced or disfigured finishes caused by Work of this Section.

### 3.12 PROTECTION

- A. Where construction traffic must continue over finished roof installation, protect surfaces in manner recommended by roofing system manufacturer to protect Manufacturer's Warranty.

END OF SECTION

## ■ SECTION 08620

## UNIT SKYLIGHTS

## PART 1 - GENERAL

## 1.1 SUMMARY

- A. Section Includes:
1. Preformed plastic skylights with integral metal frame.
  2. Integral insulated curb.
  3. Security grille/glazing.
- B. Related Documents: The Contract Documents, as defined in Section 01110 - Summary of Work, apply to the Work of this Section. Additional requirements and information necessary to complete the Work of this Section may be found in other Documents.

## 1.2 REFERENCES

- A. American Society for Testing and Materials (ASTM):
1. ASTM A 627 - Specification for Homogeneous Tool-Resisting Steel Bars for Security Applications.
  2. ASTM B 209 - Specification for Aluminum and Aluminum-Alloy Sheet and Plate.
  3. ASTM B 221 - Specification for Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes.
- B. Federal Specifications (FS):
1. FS TT-C-494 - Coating Compound, Bituminous, Solvent Type, Acid Resistant.

## 1.3 SYSTEM DESCRIPTION

- A. Performance Requirements:
1. Allow for expansion and contraction within system components caused by a cycling surface temperature range of 170 F degrees without causing detrimental effects to system or components.
  2. Withstand minimum live load of 40 psf.

## 1.4 SUBMITTALS

- A. Section 01330 - Submittal Procedures: Procedures for submittals.
1. Product Data: Structural, thermal, and daylighting performance values.
  2. Shop Drawings:
    - a. Indicate skylight configurations, dimensions, locations, fastening methods, and installation details.
    - b. Indicate construction and installation of security grille or security glazing assembly. Detail attachment to building structure. Specify fastening devices and spacing.
  3. Assurance/Control Submittals:

- a. Certificates: Manufacturer's certificate that Products meet or exceed specified requirements.
- b. Qualification Documentation: Submit documentation of experience indicating compliance with specified qualification requirements.
- c. Manufacturer's Instructions: Indicate special procedures, and perimeter conditions requiring special attention.

- B. Section 01780 - Closeout Submittals: Procedures for closeout submittals.
  1. Special Warranty: Submit written special warranty with forms completed in United States Postal Service name and registered with manufacturer as specified in this Section.

## 1.5 QUALITY ASSURANCE

- A. Qualifications:
  1. Manufacturer: Company specializing in manufacturing Products specified with minimum 5 years documented experience.
  2. Installer: Company specializing in performing the Work of this Section with minimum 5 years documented experience.

## 1.6 DELIVERY, STORAGE, AND HANDLING

- A. Section 01600 - Product Requirements: Transport, handle, store, and protect Products.

## 1.7 WARRANTY

- A. Section 01780 - Closeout Submittals: Procedures for closeout submittals.
- B. Special Warranty:
  1. Correct defective work, including leakage due to defective skylight materials or workmanship,
  2. Warranty Period: 5 years.

## PART 2 - PRODUCTS

### 2.1 MANUFACTURERS

- A. Subject to compliance with project requirements, manufacturers offering Products which may be incorporated in the Work include the following:
  1. APC Corporation, Hawthorn, NJ (800) 222-0201.
  2. Bristolite Skylights, Santa Anna, CA (800) 854-8618.
  3. Hi Pro International, Knoxville, TN (865) 637-1711 (800) 947-0997.
  4. Naturalite/EPI, Incorporated, Terrell, TX (800) 527-4018.
  5. Fisher, Holbrook, NY (631) 563-3381.
  6. Super Sky, Mequon, WI (262) 242-2000.
  7. Wasco, Sanford, ME (800) 388-0293.
- B. Section 01600 - Product Requirements: Product options and substitutions. Substitutions: Permitted.

## 2.2 COMPONENTS

- A. Plastic Unit Skylight: Factory-assembled glazing in aluminum frame; double dome.
  - 1. Circular domed shape.
  - 2. Nominal Size: Indicated on Drawings.
- B. Double Glazing: Polycarbonate plastic; factory sealed, conforming to Occupational Health and Safety Administration (OSHA) requirements for skylight glazing and construction.
  - 1. Outer Glazing: Gray tinted transparent.
  - 2. Inner Glazing: Clear transparent.
- C. Frames: ASTM B 221 Extruded aluminum, thermally broken, reinforced and welded corner joints, concealed fasteners, integral curb frame mounting flange to receive roofing flashing system, with integral condensation collection drainage gutter, glazing retainer; clear anodized finish.
- D. Support Curbs: ASTM B 209 Sheet aluminum, sandwich construction; 1 inch thick, height as indicated on Drawings; rigid plastic insulation; with integral flange for anchorage to roof deck.

## 2.3 SECURITY GRILLE/GLAZING

- A. Furnish and install a security grille or security glazing. Contractor option.
  - 1. Grille: Factory fabricated 1/2 inch diameter, ASTM A 627, tool-resistant, round steel bars spaced 4 inches on center, interlocked with 3/8 inch x 2 inch horizontal flats at 18 inches on center.
  - 2. Glazing: 5/16 inch thick safety tempered laminated sheets of glass with an interlayer of 0.075 inch vinyl or 1/4 inch polycarbonate in steel "U" shape glazing frame with mitered corners.

## 2.4 ACCESSORIES

- A. Anchorage Devices: Type recommended by manufacturer, concealed.
- B. Protective Back Coating: Bituminous, FS TT-C-494.
- C. Sealant: Specified in Section 07900 - Joint Sealers.

## 2.5 FABRICATION

- A. Fabricate free of visual distortion and defects.
- B. Fabricate to achieve leakproof, weathertight assembly.
- C. Fabricate components to allow for expansion and contraction with minimum clearance and shim spacing around perimeter of assembly.
- D. Furnish and install decals on skylight glazing, clearly visible at exterior, warning persons not to sit or step on skylight unit, in conformance with OSHA requirements.

## PART 3 - EXECUTION

## 3.1 EXAMINATION

- A. Section 01700 - Execution Requirements: Verification of existing conditions before starting work.
- B. Verification of Conditions: Verify that field measurements, surfaces, substrates and conditions are as required, and ready to receive Work.
  - 1. Verify that opening sizes and locations are as indicated on Drawings.
- C. Report in writing to Contracting Officer prevailing conditions that will adversely affect satisfactory execution of the Work of this Section. Do not proceed with Work until unsatisfactory conditions have been corrected.
- D. By beginning Work, Contractor accepts conditions and assumes responsibility for correcting unsuitable conditions encountered at no additional cost to the United States Postal Service.

## 3.2 PREPARATION

- A. Apply protective back coating on aluminum surfaces of skylight units that will be in contact with cementitious materials or dissimilar metals.

## 3.3 INSTALLATION

- A. Install aluminum curb assembly, fastening securely to roof decking.
- B. Place skylight units and secure to curb assembly. Install counterflashing as required.
- C. Apply sealant to achieve watertight assembly.
- D. Install security grille or security glazing assembly, within skylight roof deck opening, to steel roof structure. Rigidly attach using methods approved by U.S. Postal Inspection Service through Contracting Officer.

## 3.4 CONSTRUCTION

- A. Interface with Other Work: Coordinate skylight installation with roofing insulation and roofing membrane installation.

## 3.5 CLEANING

- A. Remove protective material from prefinished aluminum surfaces.
- B. Wash down exposed surfaces; wipe surfaces clean.
- C. Remove excess sealant.

END OF SECTION

08620 - 4

- lockout/tagout pad locks. The lockout/tagout instructions shall be prominently displayed in durable fashion.
4. Dock to truck/trailer cycle time is to be maximum 35 seconds.
  5. Leveler electrical requirements: Coordinate wiring requirements and current characteristics with building electrical and emergency power systems.
- E. Interconnection with overhead door sensor/switch: Provide a connection point for an interlock switch at the door to prevent the leveler from operating if the door is not fully open. Coordinate electrical requirements with door manufacturer.
- F. Warranty:
1. Leveler shall be rated in capacity to match project application, or a minimum of ANSI MH14.1 , 40,000 pounds and provide a minimum of 10-year parts and labor warranty from the manufacturer on all major structural components such as front hinge assembly, front hinge pins, platform assembly, rear hinges, rear hinge pins, sub frame assembly and working range toe guards.
  2. Provide minimum 10-year parts and labor warranty from the manufacturer on all major power activated components such as air hoses, fittings, motors and lifting bag assembly.

## 2.5 HYDRAULIC EDGE-OF-DOCK DOCK LEVELERS (Flip Ramp)

- A. Models:
1. APS Resource: Head Series
  2. Chalfant: BL6630.
  3. Kelley: #Edge-of-Dock.
  4. McGuire: #HEOD 6620.
  5. Rite-Hite: #EOM 6620.
  6. Serco: #AHL6600PO.
- B. Description:
1. Operation: Hydraulic.
  2. Deck Width: 28 inches.
  3. Deck Length: 66 inches.
  4. Operating Range: 5 inches above or below dock level.
  5. Capacity: 20,000 pounds (minimum).

## 2.6 ■ WHEEL CHOCKS WITH AUTOMATIC LIGHT COMMUNICATION PACKAGE

- A. ■ Wheel Chocks: Model – SPX: AP0071 Chock / AP0245 sign.
1. ■ Laminated Rubber 8"x8"x8" Well Chock with 15' Chain
  2. ■ "Trucks Must Be Chocked" Sign at each door.
- B. ■ Automatic Light Communication Package: Light Communication Package Model-SPX: ALS Package.
1. ■ Nema 12 rated metal enclosure control panel with red / green led lights and selector switch ("Do Not Enter Truck" / Enter Truck") label – 120V / 1PH / 60 Hz
  2. ■ Visored exterior led lights – 24VDC
  3. ■ Exterior communication sign "Back In or Pull Out on green only"
  4. ■ Light communication package shall be connected to door through systems such as photo eye limit switch or limit switch on door edge.
  5. ■ Loading / Unloading Sequence:
    - Outside green / inside red.

- Place wheel chocks in front of trailer wheels.
- Open overhead door – outside red / inside red.
- Position dock leveler on trailer – outside red / inside red.
- Turn switch on control panel to "Enter Truck" position – outside red / inside green.
- Load / unload truck.
- When load / unload completed return dock leveler to stored position – outside red / inside green.
- Remove wheel chocks from front of trailer wheels – outside red / inside green.
- Close overhead door – outside red / inside green.
- Dock attendant turns switch to "Do Not Enter Truck" – outside green / inside red

### PART 3 - EXECUTION

#### 3.1 EXAMINATION

- A. Section 01700 - Execution Requirements: Verification of existing conditions before starting work.
- B. Verification of Conditions: Verify that field measurements, surfaces, substrates and conditions are as required, and ready to receive Work.
- C. Report in writing to Contracting Officer prevailing conditions that will adversely affect satisfactory execution of the Work of this Section. Do not proceed with Work until unsatisfactory conditions have been corrected.
- D. By beginning Work, Contractor accepts conditions and assumes responsibility for correcting unsuitable conditions encountered at no additional cost to the United States Postal Service.

#### 3.2 INSTALLATION

- A. Install dock bumpers in accordance with manufacturer's instructions.
- B. Install dock leveler unit in prepared opening in accordance with manufacturer's instructions.
- C. Set square and level.
- D. Anchor unit securely, flush with dock. Weld back of leveling dock to pit frame. Touch-up weld with primer.

#### 3.3 ADJUSTING

- A. Adjust installed unit for smooth and balanced operation.

#### 3.4 OPERATING INSTRUCTION

- A. Provide on-site instruction to review the operation of the system and detail any common troubleshooting or maintenance that is required to ensure normal operation.
- B. Provide one complete set of equipment operating, installation, and programming manuals that will remain at the installed location.

# Gray Construction Q/A

**Steel**

60. Is there a detail for the toilet partition steel framing support?  
Specs call out partition framing in the Metal Fabrications 05500-4
- ***Toilet partitions are to be wall and floor mounted. Refer to Specification Section 10155 – Toilet Compartments, par 2.2.C.2 / 2.3.B.1 and 3.2.A. References to support for suspended toilet partition in Specification Section 05500 to be deleted.***

**Roof Hatch**

61. In the specs it calls out for a 30" x 96" roof hatch, but in the drawings it calls for a 4' x 8' roof hatch. Can you advise us on which one we should quote?
- ***Roof hatch to be 30" x 96" as per specifications.***

**Exterior Signage**

62. Section 10435 Exterior Signage and 10437 Interior Signage, para. 1.1.b.1 requires the GC to include the estimated exterior signage cost from the Exterior Signage Pricing Form, However one has not been provided.
- ***Refer to Specification Section 01110 par. 1.4.A. Contractor is solely responsible for contracting with Direct Vendor. Contact Direct Vendor for pricing form. Manufacturer contact numbers are included in each specific section.***

#### Heat and Smoke Vents

63. In section 07700 the roof specialties under miscellaneous materials (2.3) it calls for Acrylic and polycarbonate glazing. We are assuming the use of the most economical that will meet the specific rating requirements for loads and wind uplift.
- ***There is no Specification Section 07700. For Heat and Smoke Vent glazing provide dual glazing as per Specification Section 07720 – par 2.5.A.6 and Par 2.3.A&B***

#### Skylights

64. I could not find a specification for the skylights, in section 07700 the roof specialties covers the roof hatch (2.4) and the smoke/heat vents (2.7) but not a specific specification for the skylights.  
Can you provide a specification for this Item?
- ***Will provide.***

#### Dock Equipment

65. Spec. 11160, para. 2.5 Hydraulic Edge of Dock Levelers appears to discuss the sequencing for the red/green communication lights, but no title is provided. Are red/green communication lights required?
- ***Yes, signal lights are shown in E2.01.***
  - ***Will provide missing par. 2.6 “ Wheel Chocks with Automatic Lights”***
66. The red/green communication light sequencing mentions wheel chocks, however no spec has been provided for the wheel chocks. Are wheel chocks or truck restraints required?  
If so, please provide a specification for this item.
- ***Wheelchocks are required, truck restraints are not required. See RFI #65.***
67. No specifications have been provided for the swivel arm dock lights. Are dock lights required?  
If so, please provide a specification for this item.
- ***Yes, dock lights are shown in E2.01 and E2.06. Refer to Specification Section 16510.***

#### Roofing

68. The specification as written will not comply with the manufactures requirements. Section 2.6, calls for a polyisocyanurate insulation (one face covered with 1/2" perlite protection board). Perlite is an unacceptable substrate for TPO roof systems.  
Should we change the protection board to a ¼" dense deck, or can we delete the protection board completely and just comply with the required warranty?
- ***As per Specification Section 07540 – par. 2.6.D and Specification Section 09250 – par. 2.2.C, use ½” Glass Mat Gypsum Board for exterior protection board. (Reference to perlite to be deleted)***

# Turner Q/A

August 22, 2007

Mr. Jose Carrasquillo  
United States Postal Service  
4301 Wilson Blvd, Suite 300  
Arlington, VA 22203-1840

**VIA E-MAIL**

**RE: San Jose, CA - P&D Center  
FSS Bldg Expansion**

**Subject: Requests for Information**

Mr. Carrasquillo -

1.) Has the Return Date been extended from 9/6/2007?

- ***Yes, the new due date for this proposal will be 9/18/07 at 3:00 pm EST.***

2.) Are qualifications permitted with our proposal?

- ***Yes, contractor should clarify proposal and assumption made.***

3) Specification Section 16611, 1.3 A refers to specification sections 16010, Electrical General Provision and Section 16030, Pre-ordered Equipment. Do these sections apply to this project? If so, please provide these specification sections.

- ***No. Section references have been deleted.***

4) On sheet E2.03 between grid lines 34.8 and 34.6 and H.8 & F.4 shows (2) R7 fixtures, The fixture schedule on sheet E0.03 does not show a fixture designation for a R7 fixture. Please advise.

- ***Revised R7 callout to R4A. Revised R4A description in fixture schedule and specs.***

5) On sheet E2.06 there are (9) fixtures noted as A7 which are not on the fixture schedule. Please advise.

- ***Revised A7 callout to A1. Added A1 in fixture schedule and specs.***

Please contact me if you have any questions.

Sincerely,  
TURNER CONSTRUCTION COMPANY

David H. Kramer

Enclosures

# Walbridge Aldinger Q/A



Walbridge Aldinger  
777 Woodward Ave.  
Suite 300  
Detroit, MI 48226

August 31, 2007

Mr. Jose Luis Carrasquillo  
Supply Management Facilities Portfolio  
4301 Wilson Blvd.  
Suite 300  
Arlington, VA 22203-1840

Dear Mr. Carrasquillo:

Please respond to the questions relating to USPS Project Number: Q65124; San Jose, CA – P & D Center Expansion and Renovation; Solicitation Number: 512582-07-A-0010.

- 19) Key Note 9 on Drawing P2.04 indicates “8” SD Down From Roof Drain”. Pipe sizes on Drawing P2.05 are indicated to be 6”. Please clarify the correct size.
  - ***The storm drains should be 6” as shown on drawing P2.05 and P2.04 Key Note 9 is incorrect.***
- 20) 1½” VTR’s shown on Drawing P2.05 at Column line D.3 do not match with the locations shown on Drawing P2.04. Please clarify the correct locations.
  - ***The 1 ½” VTR’s shown on drawing P2.04 are correct, cols D.3/32 and D.3/27.***
- 21) There is a 3” and 4” SD connection shown on Roof Drawing P2.05 at cols. 34.6 / J.8 & H.8 which do not appear on Drawing P2.02. Please clarify the P.O.C’s for these two drain lines.
  - ***The 3” storm drain at cols 34.6/J.8 is for the rain gutter above the truck docks and should spill to grade in the truck dock area. The 4” storm drain at cols 34.6/H.8 is for the rain gutter on the high roof and should spill to the low roof of the BMEU building.***
- 22) On the temporary construction barrier, Detail 2 on AD2.01, it shows a 6 mill. polyethelene tarp. Does this tarp need to be fire-rated or can it be a standard 6 mill polyethelene tarp?
  - ***Section 2/AD2.01 is a typical temporary construction barrier for sound and dust only. The 6 mill polyethelene tarp is secured between 3 5/8” metal stud and 5/8” gypsum wall board to the full height of partition and installed on the construction side . The tarp is standard 6 mill polyethelene.***

United States Postal Service  
San Jose P & D Center Expansion & Renovation (FSS Deployment) Request for Information: 4  
Solicitation Number: 512582-07-A-0010  
USPS Project Number: Q65124

23) Specification Section 16050 and 16130 reference Specification Section 16120 -  
Conductors and Cables. Please provide Specification Section.

- ***References to Specification Section 16120 have been deleted. Wire and cable is included in Specification Section 16050.***

***Specification Section 16050, 16130 and 13851 have been revised. See Turner Construction RFI #6.***

Should you require further clarification with respect to these matters, please feel free to contact me at 313.442-1172

Sincerely,  
**Walbridge Aldinger Company**

Eric M. Pogrmich  
Superintendent/Estimator