

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. CONTRACT ID CODE	PAGE OF PAGES	
			J	1	5
2. AMENDMENT/MODIFICATION NO. 0001	3. EFFECTIVE DATE 19-Mar-2004	4. REQUISITION/PURCHASE REQ. NO. W68SBV-3302-7822		5. PROJECT NO.(If applicable)	
6. ISSUED BY WALLA WALLA DISTRICT,COE-G4P CONTRACTING DIVISION 201 N THIRD AVENUE WALLA WALLA WA 99362-1876	CODE W912EF	7. ADMINISTERED BY (If other than item 6) WALLA WALLA DISTRICT JENNIFER CHRISTENSEN 509/527-7206 JENNIFER.R.CHRISTENSEN@USACE.ARMY.MIL WALLA WALLA WA		CODE W912EF	
8. NAME AND ADDRESS OF CONTRACTOR (No., Street, County, State and Zip Code)			X	9A. AMENDMENT OF SOLICITATION NO. W912EF-04-Q-0066	
			X	9B. DATED (SEE ITEM 11) 08-Mar-2004	
				10A. MOD. OF CONTRACT/ORDER NO.	
				10B. DATED (SEE ITEM 13)	
CODE	FACILITY CODE				
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS					
<input checked="" type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offer <input checked="" type="checkbox"/> is extended, <input type="checkbox"/> is not extended. Offer must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED 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 each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.					
12. ACCOUNTING AND APPROPRIATION DATA (If required)					
13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.					
A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.					
B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(B).					
C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:					
D. OTHER (Specify type of modification and authority)					
E. IMPORTANT: Contractor <input type="checkbox"/> is not, <input type="checkbox"/> is required to sign this document and return _____ copies to the issuing office.					
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.) It has been determined to be necessary and in the best interest of the Government to revise the specifications and extend the quotation due date to March 26, 2004. All other terms and conditions remain unchanged.					
Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.					
15A. NAME AND TITLE OF SIGNER (Type or print)			16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)		
			TEL: _____ EMAIL: _____		
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY _____ (Signature of Contracting Officer)		16C. DATE SIGNED 19-Mar-2004	

SECTION SF 30 BLOCK 14 CONTINUATION PAGE

SUMMARY OF CHANGES

SECTION SF 1449 - CONTINUATION SHEET

SOLICITATION/CONTRACT FORM

The required response date/time has changed from 23-Mar-2004 10:00 AM to 26-Mar-2004 10:00 AM.

The following have been modified:

SPECIFICATIONS

Technical Specifications
Transportable Pre-Engineered Metal Building, Ice Harbor Lock and Dam

Scope of Work

The following specification is for a transportable pre-engineered building envelope system designed specifically for ease of field assembly and disassembly. All building components and other requirements shall be shipped to Ice Harbor Dam, 2763 Monument Drive, Burbank, Wa. 99323.

General Requirements

1. The transportable pre-engineered building shall consist of factory-fabricated wall and roof panels consisting of structural steel columns and beams, heavy-gage steel girts and subgirts, and sheet metal roofing and siding. Wall and roof panels shall be either be hinged together or capable of being easily pinned together in factory-preassembled sections in a width that will facilitate ease of transportation, handling, and erection. The completed structure shall be pre-engineered to meet the loading criteria specified herein and it shall fit an area 60 feet by 80 feet in overall dimension.
2. The building shall be the product of a recognized steel building systems manufacturer who has been in the practice of manufacturing the specified building system for a period of not less than 5 years. The manufacturer shall be chiefly engaged in the practice of designing and fabricating steel building systems and shall be certified under the Metal Building Systems (MB) Certification Program, AISC FCD. A licensed Professional Engineer experienced in the design of this work shall design the structural framing members and sheet metal covering for the building. At least one copy of the required shop drawings for the building shall bear the original registration stamp and signature of the licensed Professional Engineer.
3. The building shall be supplied with a complete set of directions and detailed drawings as well as all specialized tools, such as slings and spreader bars, necessary for the building's assembly and disassembly. The building supplier shall also provide a list of other tools and equipment required for erection.

Government Provided Work

The Government will provide concrete footings necessary to carry gravity and lateral loads imposed by the pre-engineered building. The Government will also be responsible for erecting the building and attaching it to the concrete foundations in accordance with the building supplier's recommended procedures.

Submittal Requirements

The following items shall be submitted for Government approval before the pre-engineered building components are shipped:

1. Shop Drawings

Detailed drawings consisting of catalog cuts for all building components and materials shall be submitted for approval before shipment of the building components. Shop drawings shall include design and erection drawings of the complete building showing all principal structural connections for beams, columns, girts and subgirts (if required); connection of sheet metal siding and roofing; building assembly preparation requirements; building assembly sequence; temporary bracing and shoring; anchorage at foundations and all related information necessary for the complete assembly and erection of the building. Shop drawings shall also list dead and live load assignments for design of the structure as well as note International Building Code (IBC) criteria used for seismic and wind loading. One copy of the submitted shop drawings shall bear an original registration stamp and signature of the licensed Professional Engineer responsible for either the pre-engineered building design or review of the pre-engineered building design.

2. Manufacturer's Warranty

The transportable pre-engineered metal building system, composed of framing and structural members, roofing and siding panels, steel hinges and pins, sheet metal flashings and trim, and miscellaneous building closure items such as rolling and hinged doors and skylight panels, shall be warranted against material and workmanship deficiencies, system deterioration caused by exposure to normal weathering and service design loads, water leaks, and wind uplift damage for a period of 5 years after delivery to the Government.

A manufacturer's 20-year warranty shall be provided for the zinc-coated steel, aluminum-zinc alloy coated steel or aluminum-coated steel warranting that the coating will not rupture, structurally fail, fracture, deteriorate, or become perforated under normal design atmospheric conditions and service design loads or under normal manufacturer-recommended assembly and disassembly procedures. Liability under this warranty shall be limited exclusively the cost of either repairing or replacing the damaged material.

A manufacturer's 20-year exterior material finish warranty on the factory/color finish for wall and roof panels shall be provided warranting that the finish, under normal atmospheric conditions at the site, will not crack, peel, or delaminate; nor chalk in excess of numerical rating of eight (8), as determined by using test procedures in ASTM D 4214-89 (Method D-659); nor change colors in excess of five (5) CIE (Hunter) units, as measured using the procedures of ASTM D-2244-85. Liability under this warranty shall be limited exclusively to the cost of replacing the defective coated material."

3. Color Samples

Samples accurately depicting standard available manufacturer colors and finishes for the sheet metal siding, roofing and flashing accessories shall be submitted. The Government will make final color selection from the manufacturer's standard offering.

Four copies of each required item shall be submitted for approval. The supplier shall allow the government 15 days to review each submittal and 15 days to review each resubmittal. If it satisfies the specified requirements, one copy of the submitted item will be returned stamped "APPROVED." If corrections are necessary, but in the opinion of the Contracting Officer's Representative (C.O.R.) are of a minor nature, one copy of the submitted item will be returned with the corrections marked on it and will be stamped "APPROVED AS CORRECTED." If incomplete or out of compliance with the specified requirements, one copy of the submitted item will be appropriately marked as to the nature of the deficiency and stamped "RETURN FOR CORRECTION." All submittal items marked thusly shall be resubmitted.

Structural Design Requirements

All dead loads and live loads for the transportable pre-engineered building shall be calculated and applied in accordance with the provisions of the International Building Code (IBC), 2000 edition. Snow loads shall be as

determined by local authority for the building location and applied as required by the IBC. Wind pressures shall be computed and applied in accordance with ASCE 7 for wind exposure C. The seismic design category for the building is "C" with site Class C foundation material. Other structural criteria are as follows:

1. Framing and Structural Members:

Structural steel members and their connections shall be designed in accordance with AISC 335 or AISC 350. Structural cold-formed steel framing members and their connections shall be designed in accordance with TI-809-07. Aluminum structural members and their connections shall be designed in accordance with AA ADM.

2. Hinges and Strut Pins:

Hinge tabs, where used, shall be fabricated with A-36 steel and the hinge pins and strut pins, where used, shall be fabricated cold finished carbon steel in accordance with A.I.S.C. #C1018/1020.

3. Structural Bolts:

High-strength bolting shall conform to AISC 348 using ASTM A325M, ASTM A490 or ASTM A490M bolts. Bolts for non-critical structural connections or bolts used for the general erection and assembly of the structures may be ASTM A307 bolts. All bolts shall be clearly marked as to their intended location.

4. Welding:

Welding shall be in compliance with AWS standards.

Architectural Design Requirements

The building shall be designed with a gable roof spanning the short dimension of the structure. The roof shall have a minimum 4:12 pitch. Two (2) insulated sectional overhead steel doors shall be provided. One door shall be located in the middle of one gable end wall and the other shall be located in the middle of the long axis (eave side) wall. Each door shall be a minimum 16'-0" wide by 12'-0" high. A 3'-0" wide by 7'-0" high insulated metal personnel access door shall be provided adjacent to the overhead door on the gable end wall. Architectural features and materials shall be as follows:

1. Insulated Sheet Metal Roofing and Siding:

Insulated wall and roof panels shall be factory-fabricated units with an insulating core between metal face sheets securely fastened together and uniformly separated with rigid spacers. The metal facing sheets shall be formed from minimum 26 gauge sheet steel conforming to ASTM A653 for a galvanized coating or ASTM A792 for a zincalume coating. Sheet steel shall have minimum yield strength of 38 KSI. Foam core insulation shall be rigid urethane with a minimum thermal resistance of R-11 for both roof and wall panels. Exterior facing metal of the roofing and siding panels shall have a factory-applied color finish consisting of a baked-on 0.8 mil thick polyvinylidene fluoride finish coat (Kynar 500) totaling a nominal 1.0-mil dry film thickness. Interior facing metal of the roofing and siding panels shall have a backer coat finish as standard with the panel manufacturer. Sheet metal roofing and siding shall be attached as standard the panel manufacturer to meet the wind loading requirements of IBC. Screw heads of an exposed fastener system shall be painted to match the color of the sheet metal they attach to.

2. Sheet Metal Flashings and Trims:

Flashings and trims shall be fabricated with sheet metal matching the material properties color/finish specified above for the roofing and siding. Flashing profiles shall be as standard with the pre-engineered building manufacturer for ensuring weather tightness of the enclosure and shall include eave flashing, gable

rake flashing, ridge cap, corner trims and siding base trim. Flashings and trims shall be installed with minimum No. 12 sheet metal screws with neoprene or EPDM washers. Screw heads shall be painted to match the color of the sheet metal feature to which they fasten.

3. Insulated Sectional Overhead Doors (2 required):

Insulated sectional overhead doors shall comply with DASMA 102, Commercial Doors. Door panels shall be fabricated with minimum 24 gauge hot-dipped galvanized steel with a baked-on polyester, acrylic or epoxy primed finish. A shiplap, or similar watertight construction, shall be used between door panels and the entire door perimeter shall be sealed with a neoprene bulb weather stripping. Doors shall be insulated with polystyrene providing a minimum insulation factor of R-7.35. The height and number of door panels shall be as recommended by the door manufacturer for door size with a 20 PSF design wind load applied. The door tracks shall be configured for "standard" lift and shall be fabricated with minimum 14 gauge galvanized steel. Depth of the door tracks shall be as recommended by the manufacturer for the door size. Door rollers shall be steel ball bearing-type with inner and outer bearing races made of hardened steel. The door shall be supplied with a minimum four (4) 1/8" thick clear acrylic glazing panels set in moulded gaskets. The door shall be operated by means of a drive chain hoist with a 3:1 sprocket and chain reduction. Interior slide locks shall be provided at each door jamb.

4. Insulated Personnel Door:

The personnel door shall be in swinging and conform to Level 2, physical performance Level B, Model 1 in accordance with SDI 100 (ANSI A250.8-1998). The door shall be fabricated with minimum 18 gauge galvanized steel face sheets reinforced to accept the hardware specified herein. The door shall have a core of polyurethane foam insulation with an R-value of 10.0 or more as calculated by the methods established in SDI 113-01. The doorframe shall be 16 gauge galvanized steel shall have a welded corner construction. Door and frame shall have a factory-primed finish as specified in SDI 100. Door hardware shall be as follows:

- 1 ½ pair of butt hinges; 4 ½ x 4 ½; ANSI A5111 (630) in accordance with BHMA A156.1
- Mortise lockset; F07 w/lever to match Schlage L-Series, #7 (630) in accordance with BHMA A156.13
- Weather stripping to match Pemko model No. 2892AV (or equal)
- Door threshold to match Pemko model No. 217AV (or equal)
- Door shoe to match Pemko model No. 272A (or equal)

5. Translucent Roof Panels:

Two (2) translucent roof panels shall be provided at each transportable roof section. Panels shall be reinforced fiberglass or acrylic as standard with the building manufacturer. The translucent panels shall not compromise the vertical and lateral load carrying capacity of the roof deck system.

6. Painting of Steel Fabrications:

All structural steel framing members shall be shop-primed in accordance with the pre-engineered building manufacturer's standard system.

(End of Summary of Changes)