

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. CONTRACT ID CODE	PAGE OF PAGES 1 3
2. AMENDMENT/MODIFICATION NO. 0004		3. EFFECTIVE DATE 15-Jun-2004	4. REQUISITION/PURCHASE REQ. NO. W81G66-3261-0518	
6. ISSUED BY U. S. ARMY ENGINEER DISTRICT, CHICAGO 111 CANAL STREET CHICAGO IL 60606		CODE W912P6	7. ADMINISTERED BY (If other than item 6) See Item 6	
8. NAME AND ADDRESS OF CONTRACTOR (No., Street, County, State and Zip Code)			<input checked="" type="checkbox"/> 9A. AMENDMENT OF SOLICITATION NO. W912P6-04-R-0001	
			<input checked="" type="checkbox"/> 9B. DATED (SEE ITEM 11) 10-May-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 type="checkbox"/> is extended, <input checked="" 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 <u> 1 </u> 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.) Reference Solicitation No. W912P6-04-R-0001 for Deer Creek Flood Control Project, Ford Heights, Illinois. Continued on next page.				
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	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA		16C. DATE SIGNED
_____ (Signature of person authorized to sign)		BY _____ (Signature of Contracting Officer)		15-Jun-2004

SECTION SF 30 BLOCK 14 CONTINUATION PAGE

The following items are applicable to this Amendment:**A. CHANGES TO SPECIFICATIONS:**

Attached hereto are the following revised pages to the Solicitation's Specifications. Revised pages replace the like-numbered pages in the subject Specifications. Changes are indicated by an asterisk in the left margin opposite the beginning of the revision and an asterisk in the right margin opposite the end. The revision mark "(Am-0004)" is shown on each page of the revised specification sections.

Section	Page No(s)/Paragraph No(s)
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02272	Page 02272-2, Para. 2.1.1
02890	Page 02890-1, Para. 1.2
02890	Page 02890-8, Para. 2.5.4.3 and Para. 2.5.5
02921	Page 02921-12, Para. 3.3.2
02921	Page 02921-13, Para. 3.4.2 and Para. 3.4.3

B. CHANGES TO SECTION 00100, *BIDDING SCHEDULE/INSTRUCTIONS TO BIDDERS*:**PROCEDURES FOR SUBMITTAL OF OFFERS:**

1. Delete the text contained in Paragraph 2.8 in its entirety and replace it with the following text:

2.8 Technical Quality Evaluation and Rating of Proposals. Offerors are advised that the technical evaluation and rating of proposals are conducted in strict confidence in that technical evaluation personnel review each proposal without knowledge of the price offered. Offerors are required to segregate their cost and pricing information from the technical quality parts of the proposal.

2. Delete the text contained in Paragraph 3.1 in its entirety and replace it with the following text:

3.1 Past Performance. The Offeror will be evaluated on at least three ratings in the Construction Contractor Appraisal Support System (CCASS). Should the Offeror have less than three rating in the CCASS, it must supplement the number by providing a relevant project(s) of which it has worked on, along with a detailed project description of each. References must include contact names and phone numbers. If the Offeror does not have any ratings in CCASS, the Offeror must submit names of three relevant projects of which it has worked on, along with a detailed project description of each and include references with contact names and phone numbers.

PROPOSAL EVALUATION:

1. Delete the text contained in Paragraph 2.1 in its entirety and replace it with the following text:

2.1 Proposal Evaluation. An evaluation team will be established to evaluate each proposal in response to this RFP. The number and identities of Offerors are not revealed to anyone who is not involved in the evaluation and award process or to other Offerors. Proposals will be evaluated based on the factors described herein.

2. Delete the text contained in Paragraph 2.3.2 in its entirety and replace it with the following text:

2.3.2 Technical and Quality Evaluation. The evaluation team will evaluate those proposals passing the first review, above. Proposals will be evaluated against the RFP criteria requirements. The evaluation committee will not compare proposals against each other.

3. Delete the text contained in Paragraph 2.3.4 in its entirety and replace it with the following text:

2.3.4 Price Comparison. After all above evaluations are complete, the Evaluation Team will evaluate the price proposals of those Offerors who received all "GO s" for the technical portion of their proposals. Award shall be made to the responsive and responsible Offeror, who proposed the lowest price and has received a "GO" for all Evaluation Factors.

C. The Proposal Due Date is not extended and remains 24 June 2004 at 4:30 PM, Chicago Local Time.

D. The point of contact for this amendment is David Dilks at 312-846-5373.

1.3 SUBMITTALS

Government approval is required for submittals with a "G" designation; submittals not having a "G" designation are for information only. When used, a designation following the "G" designation identifies the office that will review the submittal for the Government. The following shall be submitted in accordance with Section 01330 SUBMITTAL PROCEDURES:

SD-01 Preconstruction Submittals

Erosion Control Mat; G, CO-C

SD-07 Certificates

Erosion Control Mat; G, CO-C

PART 2 PRODUCTS

2.1 MATERIALS

2.1.1 Reinforced Erosion Control Mat

(Brand name only product, MacMatR manufactured by Maccafferi, no known equal product.) Reinforced erosion control mat shall be fabricated in roll sizes as recommended by the manufacturer for intended application and be approved by the COR. The wire mesh shall be fabricated in such a manner as to be non-raveling and shall have deformability sufficient to permit a minimum elongation equivalent to 10 percent of the unstretched length of mesh test section without reducing the gauge or tensile strength of the individual wire strands to value less than those for similar one gauge smaller in diameter. Mat rolls shall be fabricated from a double twisted hexagonal mesh of galvanized PVC coated steel wire and shall conform to the following specifications.

2.2 EROSION CONTROL MAT

Erosion control mat shall conform to the following:

	Item	ASTM Standard	Values
Polymer Properties	Polymer type	--	Polypropylene
	Mass per unit area	ASTM D 1505	1.8 oz/ft ²
	Melting point	ASTM D 1525	302 F
	Color	--	Black
	UV resistance	ASTM D 4355	Stabilized
Roll Size	Width	--	6.56 ft.
	Length	--	82 ft.
	Weight	--	260 lb.
Physical Properties	Thickness (nom.)	ASTM D 1777	0.78 in.
	Mass per unit area	ASTM D 3376	.47 lb/ft ²
	Tensile strength	--	2935 lbs/ft.
	Upper void space	--	>90%
	Mesh type	ASTM A 975	0.11 in.
	Mesh wire dia.	ASTM A 975	3.2 in. x 4.5 in.
	Edge wire dia.	ASTM A 641	0.13 in.
	Zinc coating	ASTM A 641	0.7 oz/ft ²
PVC thickness	--	0.02 in.	

SECTION 02890

PRE-ENGINEERED, PRE-FABRICATED MAINTENANCE BRIDGE

PART 1 GENERAL

1.1 SUMMARY

This work is the performance of all engineering analysis and design and off-site fabrication of two steel pony truss bridges with wood deck wearing surfaces. This work also includes transportation of the pre-fabricated structures from point of manufacture to point of installation, and installation of the structures. This includes the construction of permanent support bearings and permanent abutments.

1.2 REFERENCES

The publications listed below form a part of this specification to the extent referenced. The publications are referred to in the text by basic designation only.

AMERICAN SOCIETY FOR TESTING AND MATERIALS (ASTM)

ASTM A 307	(1994) Carbon Steel Bolts and Studs, 60 000 psi Tensile Strength
ASTM A 325	(1996) Structural Bolts, Steel, Heat Treated, 120/105 ksi Minimum Tensile Strength
ASTM A 490	(1993) Heat-Treated Steel Structural Bolts, 150 ksi Minimum Tensile Strength
ASTM A 588/A 588M	(1994) High-Strength Low-Alloy Structural Steel with 50 ksi (345 MPa) Minimum Yield Point to 4 in. (100 mm) Thick
ASTM A 615	(2001) Deformed and Plain Billet-Steel Bars for Concrete Reinforcement
ASTM A 847	Cold-Formed Welded and Seamless High Strength, Low Alloy Structural Tubing with Improved Atmospheric Corrosion Resistance
ASTM F 436	(2000) Hardened Steel Washers
ASTM F 593	(E2004) Standard Specifications for Stainless Steel Bolts, Hex Caps, Screws, and Studs
ASME INTERNATIONAL (ASME)	
ASME B18.2.1	(1996) Square and Hex Bolts and Screws (Inch Series)
ASME B18.2.2	(1987) Square and Hex Nuts (Inch Series)
ASME B18.22.1	(1965;R 1990) Plain Washers

2.5 MATERIAL

2.5.1 Steel

Bridges shall be fabricated from ASTM A 588/A 588M, (Fy) greater than 50,000 psi and tubular sections from ASTM A 847, (Fy) greater than 50,000 psi.

2.5.2 Steel Plates

ASTM A 588/A 588M, Grade 50.

2.5.3 Steel Rails

ASTM A 588/A 588M or ASTM A 847, Grade 50.

2.5.4 Bolts, Nuts, and Washers

Bolts, nuts, and washers shall be of the material, grade, type, class, style, and finish indicated or best suited for intended use.

2.5.4.1 High-Strength Bolts, Nuts, and Washers

ASTM A 325, Type 3.

2.5.4.2 Bolts, Nuts, and Washers (Other Than High-Strength)

- a. Bolts and Nuts. ASTM A 307, Grade A.
- b. Bolts. ASME B18.2.1.
- c. Nuts. ASME B18.2.2.
- d. Washers.
 - (1) Plain Washers. ASME B18.22.1, Type B.
 - (2) Lock Washer. ASME B18.22.1.
 - (3) Beveled Washers. ASTM F 436, Type 1, Beveled.

2.5.4.3 Treated Lumber Fastener

Fasteners shall be stainless steel ASTM F 593, Type 304.

2.5.5 Wood Decking and Rub Rail

Wood decking and rub rail shall be Select Structural Fir or No. 1 Dense Southern Yellow Pine planks (minimum Fb=1, 400 psi). Decking and rub rail to be treated to AWPA Standard PS. Wood shall be treated with alkaline copper quat (ACQ types B and D) or copper azole (CBA-A, CA-B). Decking shall be treated to a total absorption of 0.40 pounds per cubic foot of wood or to refusal. Deck planks shall be nominal 3 inch by 12 inch for the 10,000 pound vehicle load.

Wood planks shall be installed at the factory, tight with no gaps between the planks. Wood planks shall be attached with a continuous plank hold down angle along each edge of the deck. One zinc-plated carriage bolt shall be installed at the edge of the deck through every other plank. Wood planks shall also be attached at the center of each bridge with two zinc-plated carriage bolts per plank bolted through a clip angle that is welded to the center stringer. Self-tapping screws shall not be used due to their tenancy to work loose

manufacturer.

3.3.1.1 Rolling

The entire area shall be firmed with a roller not exceeding 90 pounds per foot roller width. Slopes over a maximum 3-horizontal-to-1 vertical shall not be rolled. Areas seeded with seed drills equipped with rollers shall not be rolled.

3.3.2 Hydroseeding

Seed shall be mixed to ensure broadcast at the rate of 100 pounds of seed per acre and 1,000 gallons of slurry per acre for permanent seeding and 200 pounds of seed per acre and 1,000 gallons of slurry per acre for temporary seeding. Seed and fertilizer shall be added to water and thoroughly mixed to meet the rates specified. The time period for the seed to be held in the slurry shall be a maximum 24 hours. Wood cellulose fiber mulch and tackifier shall be added at the rates recommended by the manufacturer after the seed, fertilizer, and water have been thoroughly mixed to produce a homogeneous slurry. Slurry shall be uniformly applied under pressure over the entire area. The hydroseeded area shall not be rolled.

3.3.3 Mulching

3.3.3.1 Hay or Straw Mulch

Hay or straw mulch shall be spread uniformly at the rate of 2 tons per acre.

Mulch shall be spread by hand, blower-type mulch spreader, or other approved method. Mulching shall be started on the windward side of relatively flat areas or on the upper part of steep slopes, and continued uniformly until the area is covered. The mulch shall not be bunched or clumped. Sunlight shall not be completely excluded from penetrating to the ground surface. All areas installed with seed shall be mulched on the same day as the seeding. Mulch shall be anchored immediately following spreading.

3.3.3.2 Mechanical Anchor

Mechanical anchor shall be a V-type-wheel land packer; a scalloped-disk land packer designed to force mulch into the soil surface; or other suitable equipment.

3.3.3.3 Asphalt Adhesive Tackifier

Asphalt adhesive tackifier shall be sprayed at a rate between 10 to 13 gallons per 1000 square feet. Sunlight shall not be completely excluded from penetrating to the ground surface.

3.3.3.4 Non-Asphaltic Tackifier

Hydrophilic colloid shall be applied at the rate recommended by the manufacturer, using hydraulic equipment suitable for thoroughly mixing with water. A uniform mixture shall be applied over the area.

3.3.3.5 Asphalt Adhesive Coated Mulch

Hay or straw mulch may be spread simultaneously with asphalt adhesive applied at a rate between 10 to 13 gallons per 1000 square feet, using power mulch equipment which shall be equipped with suitable asphalt pump and nozzle. The adhesive-coated mulch shall be applied evenly over the

surface. Sunlight shall not be completely excluded from penetrating to the ground surface.

3.3.3.6 Wood Cellulose Fiber, Paper Fiber, and Recycled Paper

Wood cellulose fiber, paper fiber, or recycled paper shall be applied as part of the hydroseeding operation. The mulch shall be mixed and applied in accordance with the manufacturer's recommendations.

3.3.4 Watering Seed

Watering shall be started immediately after completing the seeding of an area. Water shall be applied to supplement rainfall at a rate sufficient to ensure moist soil conditions to a minimum 1 inch depth. Run-off and puddling shall be prevented. Watering trucks shall not be driven over turf areas, unless otherwise directed. Watering of other adjacent areas or plant material shall be prevented.

3.4 SURFACE EROSION CONTROL

3.4.1 Surface Erosion Control Material

Where indicated or as directed, surface erosion control material shall be installed in accordance with manufacturer's instructions. Placement of the material shall be accomplished without damage to installed material or without deviation to finished grade.

3.4.2 Temporary Seeding

The application rate shall be 200 pounds of seed per acre and 1,000 gallons of slurry per acre. When directed during contract delays affecting the seeding operation or when a quick cover is required to prevent surface erosion, the areas designated shall be seeded in accordance with temporary seed species listed under Paragraph SEED.

3.4.2.1 Soil Amendments

When soil amendments have not been applied to the area, the quantity of 1/2 of the required soil amendments shall be applied and the area tilled in accordance with paragraph SITE PREPARATION. The area shall be watered in accordance with paragraph Watering Seed.

3.4.2.2 Remaining Soil Amendments

The remaining soil amendments shall be applied in accordance with the paragraph Tillage when the surface is prepared for installing seed.

3.4.3 Permanent Seeding

The application rate shall be 100 pounds of seed per acre. The seed shall be applied according to industry standards.

3.5 QUANTITY CHECK

For materials provided in bags, the empty bags shall be retained for recording the amount used. For materials provided in bulk, the weight certificates shall be retained as a record of the amount used. The amount of material used shall be compared with the total area covered to determine the rate of application used. Differences between the quantity applied and