

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. CONTRACT ID CODE J	PAGE OF PAGES 1 8
2. AMENDMENT/MODIFICATION NO. 0001	3. EFFECTIVE DATE 02-Jan-2004	4. REQUISITION/PURCHASE REQ. NO. W38XGR-3247-9694	5. PROJECT NO.(If applicable)	
6. ISSUED BY DEPARTMENT OF THE ARMY CORPS OF ENGINEERS, MEMPHIS DISTRICT 167 N. MAIN ST., B-202 MEMPHIS TN 38103-1894	CODE B1P0100	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. W912EQ-04-B-0001	
		<input checked="" type="checkbox"/>	9B. DATED (SEE ITEM 11) 02-Dec-2003	
			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.) This solicitation is for Steele Bypass Weir, Pemiscot County, Missouri scheduled to open 13 Jan 2004 at 2:30 p.m.				
CONTRACT CLAUSES The following contract clauses will be deleted: 1. FAR Clause 52.214-28 - Subcontractor Cost or Pricing Data - Modifications - Sealed Bidding (Oct 1997) (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 _____ (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY _____ (Signature of Contracting Officer)	16C. DATE SIGNED 02-Jan-2004	

SECTION SF 30 BLOCK 14 CONTINUATION PAGE

The following items are applicable to this modification:

STATEMENT OF WORK

2. FAR Clause 52.214-29 – Order of Precedence – Sealed Bidding (Jan 1986)
3. FAR Clause 52.219-9 Small Business Subcontracting Plan (Jan 2002)
4. FAR Clause 52.219-14 – Limitations on Subcontracting (Dec 1996)
5. FAR Clause 52.219-16 – Liquidated Damages – Subcontracting Plan (Jan 1999)

SPECIFICATIONS

1. SP 14. FIELD OFFICE BUILDING: Delete paragraph a. and replace with the following:

a. The Contractor shall furnish and maintain a temporary building for the exclusive use of the Government inspectors during the life of the contract. The building shall conform to the following requirements:

Floor Space	Not less than 150 sq. ft.
Height of Ceiling	Not less than 7 feet
Windows	Not less than 4
Doors	At least 1
Type of Floor	Wood or Concrete
Active Telephone Lines	At least 2
Telephones	At least 1

The building shall be of light but weatherproof construction. Windows shall be arranged to open and to be fastened from the inside. All door and window openings shall be provided with suitable screens. The door shall be equipped with a durable hasp and padlock. Interior surfaces of exterior walls and ceilings shall be covered with insulating board. An inside storage room of adequate size shall be provided. The Contractor shall furnish an adequate supply of approved drinking water, a sink, running water for a toilet facility having a flushable toilet, all electricity required, sufficient electrical outlets for office calculators and equipment, and sufficient fixtures for adequate lighting. The building shall also be equipped with air conditioning during hot weather and during cold weather shall be equipped with an adequate heating system. The office shall be equipped with at least 8 chairs, two desks, a drawing table, 2 two-drawer filing cabinets, and a table suitable for use as a conference table. The Contractor shall furnish local and long distance service for the two phone lines. The Contractor shall thoroughly clean the office at least weekly. The field office, its location and all facilities shall be subject to the approval of the Contracting Officer.

2. SP 16. TEMPORARY PROJECT FENCING. Replace this sentence with the following: “Temporary project fencing as required by Paragraph 04.A.04 of EM 385-1-1 is not required on this job.”

3. SP 19. WORK ON OR ADJACENT TO RAILROAD PROPERTY. Delete the introductory paragraph and replace with the following: “This contract provides for two access routes to the work site, one of which crosses an active railroad track that belongs to the Burlington Northern Santa Fe (BNSF) Railroad Company, hereinafter referred to as "the Railroad." If the Contractor elects to use the access route that crosses the Railroad, the Contractor shall coordinate and cooperate with the Railroad as follows:”

4. SP 20. INSURANCE REQUIREMENTS FOR WORK ON OR ADJACENT TO RAILROAD PROPERTY. The following verbiage will be put in front of the existing paragraph and lead into the existing first sentence: “This contract provides for two access routes to the work site, one of which crosses an active railroad track that belongs to the Burlington Northern Santa Fe (BNSF) Railroad Company, hereinafter referred to as "the Railroad." If the Contractor elects to use the access route that crosses the Railroad, the Contractor...”

5. SECTION 02114 - ACCESS ROADS, PARAGRAPH 3.7: Delete this paragraph and replace with the following: "The Contractor shall use the access roads as indicated on the drawings. The Contractor shall be responsible to establish and maintain the access roads in usable condition for the Contractor's work. Should fill material be needed for the improvement of the existing access roads, suitable material from the excavation for the weir may be used. The access roads shall be left in place at end of the job and they shall be at least equal to or better than they were at the beginning of the job."

6. STONE PROTECTION GRADATION PLATES: Exchange the titles for the two plates named "Example Gradation Based on 'R-400rev'" and "R-400rev."

7. STORMWATER POLLUTION PREVENTION PLAN (SWPPP) is deleted in its entirety and the attached Stormwater Pollution Prevention Plan is substituted therefore.

DRAWINGS

1. DRAWING 003a0695-PLAN VIEW is deleted in its entirety and replaced with drawing 003b0695.

**STEELE BYPASS WEIR
PEMISCOT COUNTY, MISSOURI
STORMWATER POLLUTION PREVENTION PLAN
FOR STORMWATER GENERAL PERMIT
U. S. ARMY CORPS OF ENGINEERS, MEMPHIS DISTRICT**

1. LOCATION AND NATURE OF ACTIVITY

This project consists of construction of a weir on the Steele bypass of Ditch 6 – Main Ditch, Pemiscot County, Missouri. A set of construction drawings showing the project location and the details of the weir will be located on the site at all times. The project begins at station 99+50 and ends at 104+50.

2. AREA AFFECTED

The total area of the site, within the right of way limits, which will be impacted by construction, is approximately 7 acres.

3. CONTROL OF POLLUTANTS DURING CONSTRUCTION

3.1 NON-STRUCTURAL MEASURES

3.1.1 General

Prior to the beginning of any construction, The Contracting Officer will identify all land resources to be preserved within the Contractor's work area. The Contractor shall not remove, cut, deface, injure, or destroy land resources including trees, shrubs, vines, grasses, top soil, and land forms outside the construction limits without special permission. The Contractor shall provide effective protection for land, water, and vegetation resources at all times. The Contractor shall construct or install temporary and/or permanent erosion and sedimentation control features as indicated herein to minimize pollutants entering Steele Bypass, Missouri, and other water bodies or wetlands.

3.1.2 Protection of Landscape

Trees, shrubs, vines, grasses, land forms and other landscape features indicated and defined on the contract drawings or as directed by the Contracting Officer to be preserved shall be clearly identified by marking, fencing, wrapping with boards, or other approved techniques.

3.1.3 Reduction of Exposure to Unprotected Erodible Soils

All earthwork shall be planned and conducted to minimize duration of exposure of unprotected soils. Vegetative ground cover shall not be destroyed, removed or disturbed more than 20 calendar days prior to grading or earth moving. Clearing shall progress in reasonable sized increments as needed to use the areas developed. To the extent feasible, material embankments, side slopes, back slopes, berms and any other exposed surfaces shall be stabilized by temporary seeding, mulching, fabric mats or other approved stabilization methods, as soon as possible after material placement, or within 14 days on areas that will remain unfinished more than 21 calendar days. Should construction be halted, for any reason, temporary or permanently, for more than 21 days, in any portion of the site, temporary or permanent turfing measures, or other approved temporary stabilization of exposed areas, such as mulching, shall be accomplished within 14 days after construction is halted.

3.2 STRUCTURAL MEASURES

3.2.1 General

The temporary erosion and sediment control measures such as silt fences, check dams, and sedimentation basins shall be constructed and maintained until permanent drainage and erosion control facilities are complete and operative. Placement of perimeter controls shall commence with initiation of construction and shall remain in effect during the remainder of construction until final stabilization of those portions of the site upward of the perimeter control. Temporary erosion controls shall be maintained until final stabilization of exposed areas, after which they shall be removed. All structural devices shall be constructed in accordance with Standard Drawing 51/208.

3.2.2 Silt Fences

If used, silt fences shall be constructed along the excavated embankment material toe in any location where stormwater may enter the stream or wetland, along inlet ditches, and any other areas necessary to minimize the entry of excavated material into Steele Bypass, Missouri and Main Ditch No.6, Missouri.

3.2.3 Check Dams

Check dams shall be constructed across inlet ditches, drains and swales using baled straw or equivalent devices to minimize sediment entry into streams. Check dams shall be inspected for sediment accumulation after each significant rainfall and sediment removed when it reaches one-half the height of the barrier. Sediment removal shall include removal and disposition in a location where it will not erode into construction areas, watercourses or wetlands.

3.2.4 Sediment Basins

Sediment from construction areas 10 or more disturbed acres at one time shall be trapped in temporary or permanent sediment basins. After each storm, the basins shall be allowed to settle for 24 to 48 hours after which the basins shall be pumped dry. In order to maintain basin effectiveness, accumulated sediment shall be removed when the depth of sediment reaches one-third of the depth of structure in any part of the pool. Overflow shall be controlled by paved weir, by vertical overflow pipe draining from the spillway and at the outlet toe of the spillway. The collected topsoil sediment shall be reused for fill on the construction site, and/or conserved for use at another site(s). If used, the basins shall provide at least 3,600 cubic feet of storage for each acre drained. Where such basins are used, other equivalent sediment control measures are required.

3.2.5 Other Measures

Other temporary erosion and sediment control measures such as berms, dikes, swales, and drains, may be used with, or in lieu of, the abovementioned measures provided they are consistent with Best Management Practices (BMPs). They shall be maintained until permanent drainage and erosion control facilities are completed and operative. Earthen erosion control features shall be compacted and stabilized immediately with vegetation as specified in paragraphs 4.1.3 and 4.1.4.

3.2.6 Velocity Dissipation Devices

Should drains or swales be used, they shall be constructed with velocity dissipation devices (check dams) to reduce the need for more stringent erosion control practices in the swale or drain. These devices shall be removed after the erosive areas have been stabilized.

4. CONTROL OF POLLUTANTS AFTER CONSTRUCTION

4.1 ESTABLISHMENT OF TURF

4.1.1 General

Turf shall be established as a permanent erosion control measure along the excavated material embankment and any other areas which are disturbed during construction. All material embankments, all berm areas, and any other disturbed areas shall be turfed. Turf shall be established in accordance with the Contract Specifications.

4.1.2 Fertilizer

Fertilizer shall be distributed uniformly over the areas to be seeded at a rate which will supply no less than 40 pounds of available nitrogen, 40 pounds of available phosphorous, and 40 pounds of potash per acre.

4.1.3 Seeding

Seed sown for permanent turfing shall be as specified in the technical specifications. Temporary seeding shall consist of grasses appropriate for the season when they are sown. A satisfactory method of sowing shall be used, such as approved mechanical power-drawn seeders, mechanical hand-seeders, broadcast-seeders, or other approved methods. When conditions are such by reason of drought, high winds, excessive moisture, or other factors that satisfactory results are not likely to be obtained, work shall be halted as directed and resumed only when conditions are favorable or when approved alternative or corrective measures and procedures have been affected. If an inspection, either during seeding operations or after there is a show of green, indicates that areas have been left unplanted, additional seed shall be sown.

4.1.4 Mulching

If used, mulch shall be materials that do not contain noxious grass or weed seed that might be detrimental to the turfing being established or to adjacent farmland. Mulch shall be spread uniformly in a continuous blanket, using 2 tons per acre of straw mulch or 1,200 pounds per acre of wood cellulose fiber mulch.

4.2 STATE AND LOCAL CONTROLS

There are no known state or local erosion and sediment control requirements applicable to this work other than those met by requirements of this permit.

5. RUNOFF COEFFICIENT, IMPERVIOUS AREAS, SOILS

The runoff coefficient immediately after construction is estimated to range between 0.10 and 0.30. Once the material embankment and other disturbed areas have been revegetated, the runoff coefficient should return to preconstruction conditions with no increase in impervious areas. Soils in the area consist of fat and lean clays with some sand and silty sands.

6. RECEIVING WATER

The receiving stream is Main Ditch No. 5, located in Pemiscot County, Missouri.

7. INSPECTIONS

7.1 General

Quality assurance representatives shall inspect disturbed areas of the construction site and areas used for storage of materials that are exposed to precipitation that have not been finally stabilized, structural control measures and locations where vehicles enter or exit the site every seven (7) calendar days and within 24 hours of the end of a storm that is 0.5 inch or greater. Where sites have been stabilized, inspections shall be conducted at least once every month.

7.2 Disturbed Areas And Areas Used For Material Storage

Disturbed areas and areas used for material storage that are exposed to precipitation shall be inspected for evidence of, or the potential for, pollutants entering the drainage system. Erosion and sediment control measures identified in the plan shall be observed to ensure that they are operating correctly. Where discharge locations or points are accessible, they shall be inspected to ascertain whether erosion control measures are effective in preventing significant impact to receiving waters. Locations where vehicles enter or exit the site shall be inspected for evidence of offsite sediment tracking.

7.3 Modifications Of Pollution Plan

Based on the results of the inspection in paragraph 7.2, the site description identified in paragraphs 1 and 2 of this plan shall be revised as appropriate, but in no case more than 7 calendar days following the inspection. Such modifications shall provide for timely implementation of any changes to the plan within 7 calendar days following the inspection.

7.4 Reports

A report summarizing the scope of the inspection, name(s) and qualifications of personnel making the inspection, the date(s) of the inspection, major observations relating to the implementation of the Storm Water Pollution Prevention Plan (SWPPP), and actions taken shall be recorded and retained by the Contracting Officer as part of the SWPPP for at least (3) years from the date the site is finally stabilized.

8. OTHER CONSIDERATIONS

8.1 Construction is not within 1,000 feet of waters classified in 10 CSR 20-7.013, Water Quality Standards, as:

- a. Public drinking water supply lakes
- b. Outstanding National Resource Waters
- c. Outstanding State Resource Waters
- d. Streams designated for cold water sport fishery
- e. A lake in EPA's Clean Lakes Program

8.2 Construction is not within 100 feet of waters classified as major reservoirs; however, Steele Bypass, Missouri is a permanent flow stream.

9. DEFINITIONS

9.1 Best Management Practices (BMPs) Schedules of activities, prohibitions of practices, maintenance procedures, and other management practices to prevent or reduce the pollution of waters of the State. BMPs also include treatment requirements, operation procedures and practices to control plant site runoff, spillage or leaks, sludge or waste disposal, or drainage from raw material storage.

9.2 Commencement of Construction The initial disturbance of soils associated with clearing, grading, or excavating activities or other construction activities.

9.3 Drainage Swale A drainage way with a lining of grass, riprap, asphalt, concrete, or other material installed to convey runoff without causing erosion.

9.4 Check Dam Small temporary dams constructed across a swale or drainage ditch to reduce the velocity of runoff flows.

9.5 Final Stabilization All soil disturbing activities at the site have been completed, and a uniform perennial vegetative cover with a density of 85% of cover for the area has been established or equivalent stabilization measures (such as the use of mulches or geotextiles) have been employed.

