

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. CONTRACT ID CODE	PAGE OF PAGES	
			J	1	5
2. AMENDMENT/MODIFICATION NO. 0001	3. EFFECTIVE DATE 14-Feb-2005	4. REQUISITION/PURCHASE REQ. NO. W38XGR-4323-9193		5. PROJECT NO.(If applicable)	
6. ISSUED BY US ARMY ENGINEER DISTRICT, MEMPHIS 167 N MAIN STREET B202 MEMPHIS TN 38103-1894	CODE W912EQ	7. ADMINISTERED BY (If other than item 6) See Item 6		CODE	
8. NAME AND ADDRESS OF CONTRACTOR (No., Street, County, State and Zip Code)			X	9A. AMENDMENT OF SOLICITATION NO. W912EQ-05-B-0001	
			X	9B. DATED (SEE ITEM 11) 25-Jan-2005	
				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.) THIS AMENDMENT IS ISSUED TO REFLECT THE FOLLOWING CHANGE(S).					
1. CHANGE THE BID OPENING DATE FROM 24 FEB 2005 AT 2:30 P.M. TO READ 24 MAR 2005 AT 2:30 P.M. 2. CHANGE THE COMPLETION OF WORK FROM .270 CALENDAR DAYS TO READ 270 CALENDAR DAYS IN FAR PART 52.211-10 COMMENCEMENT, PROSECUTION, AND COMPLETION OF WORK. 3. CHANGE REGION III TO READ REGION V OF EFAR CLAUSES 52.231-5000 EQUIPMENT OWNERSHIP AND OPERATING EXPENSE SCHEDULE. 4. DELETE THE BID SCHEDULE IN ITS ENTIRETY AND ADD THE NEW ATTACHED BID SCHEDULE.					
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)		17-Feb-2005	

SECTION SF 30 BLOCK 14 CONTINUATION PAGE

SECTION SF30 - BLOCK 14 CONTINUATION PAGE

SUMMARY OF CHANGES

SECTION SF30 - BLOCK 14 CONTINUATION PAGE

The following have been added by full text:

SF 30 CONTINUATION

5. Add the following clauses 52.0-4048 QUANTITY ESTIMATES to section 0700

Estimates of quantities involved in certain items of work for which bids are being solicited on a lump sum or job basis have been made for the use of the Government. Copies of these quantity estimates may be obtained from the U S Army Engineer District Memphis, 167 North Main Street, Room 762, Memphis, Tennessee 38103-1894, telephone 901/544-3236, or visit our website at <http://www.mvm.usace.army.mil/>

It is to be expressly understood that the accuracy of these estimates is in no way warranted and that the furnishing of this information to a bidder will not relieve him of his responsibility to estimate the quantities involved. It is further to be expressly understood that in no case will such estimate be used as a basis of claim against the Government

6. Add the following clauses to section 0800 SP 34 COOPERATION WITH OTHERS. A separate contract may be underway for construction of the extension of Route AB from Route 25/77 intersection to the industrial park just west of the Route AB/I-55 interchange. This is a Missouri Department of Transportation Project. If these projects are constructed simultaneously, then each contractor will be using and working within the same right-of-way limits. The Nash Relief Well Contractor shall coordinate all construction operations within the construction and right-of-way limits of this contract with the construction operations of the road extension so as to cause the least interruption practicable. Close cooperation between the Contractor's personnel and all other personnel within the right-of-way will be required. In the event of controversy between the Contractor's personnel and other personnel, the Contracting Officer's decision will be final; however, if the Contractor is in disagreement with the decision, the matter may be pursued under the CONTRACT CLAUSE entitled "Disputes".

7. Add the following clauses SP 35 PAYMENT FOR MATERIAL STORED-OFFSITE in section 0800

a. In the preparation of monthly progress payment estimates, the Contracting Officer, upon request from the Contractor and in compliance with other criteria as hereinafter stated, will

authorize payment, subject to availability of funds, for materials delivered to the Contractor at locations other than the site for the following items:

(1) Stainless Steel Riser Pipe and Screen

b. The following criteria must be satisfied before the prescribed payment will be approved.

- (1) The Contractor shall furnish written evidence that he holds title to the material.
- (2) The Contractor shall furnish evidence of the value of the materials.
- (3) The materials shall have prior approval for incorporation into work, i.e., required shop drawings, certificates of compliance, etc., must have been submitted and final approval action taken.
- (4) The materials must be properly stored to the satisfaction of the Contracting Officer.

c. Other items having a value exceeding \$10,000.00 and delivered to the Contractor at locations other than the site may be considered for payment at the sole discretion of the Contracting Officer.

8. Add the following clause SP 36 Quantity Surveys (Reference FAR 52.236-16)

a. The Government shall conduct a meeting with the Contractor prior to the commencement of any work requiring quantity surveys to discuss the requirements and conditions relating to quantity surveys.

b. For periods that progress payments are requested, the Contractor shall provide the raw quantity survey data, plotted cross-sections and profiles indicating the theoretical grade and slope lines as specified by the contract drawings and the actual grade and slope lines as constructed, and quantity computations by the double end area method indicating end areas and tabulated volumes per station to verify the work in place.

c. Quantity surveys as used in this clause means a topographical survey accomplished by ground methods with the display output recorded and stored in an electronic field book for further calculations in a computer to develop a digital terrain model (DTM) at 2' contour intervals. The Contractor shall furnish to the Contracting Officer the electronic data in Microstation compatible files (DGN, ALG, DTM, and ASCII XYZ). The

Contracting Officer shall disapprove any survey information submitted by the Contractor that lacks sufficient data.

d. Quantity Survey Method. The cross-section method shall be used to obtain topography. Individual cross sections will depend upon the terrain but shall not exceed 50' intervals. Observations shall be recorded at all breaks in slopes with a maximum distance of 25' between observations. Annotated cross sections shall be created and included in DGN format at 1"=10'.

e. Quantity Survey Limits. After clearing of vegetation and trees, the topographic survey shall extend to 50 feet beyond the limits of work or to the Right-of-Way limits as shown on the drawings.

9. Delete the Storm Water Pollution Prevention Plan in its entirety and add the new attached Storm Water Pollution Prevention Plan.

10. Change the Geotextile unit of measure in section 01025 paragraph 1.2.1 (8)c from “**square feet**” to read “**square yards**”.

11. Delete section 02100 Construction Procedure in its entirety and add the new attached Section 02100 Construction Procedure.

12. Replace the paragraph **1.3 AREA TO BE TURFED in section 02936** with the following:

1.3 AREAS TO BE TURFED

Turf shall be established on all surfaces of the embankment placed or disturbed under this contract and any other areas disturbed that had existing grass present. The limits of grass shall be to top bank of the ditches as shown on the drawings. No grass shall be placed on the disturbed areas adjacent to the new and enlarged ditches that will be farmed, nor in the ditches themselves. The area of no grass includes the field road as shown on the drawings and adjacent areas next to the fields.

13. Replace the **paragraph 3.9.2 MAINTENANCE in section 02936** with the following:

3.9.2 Maintenance

The Contractor shall be responsible for the newly turfed areas while grass is becoming established to the point of acceptance by the Contracting Officer. The Contractor will be responsible for any other areas including mowing within the right-of-way limits due to his operation that would prevent mowing by the Little River Drainage District personnel during the life of the contract. During establishment and prior to acceptance of the sodded areas, the Contractor shall repair rainwash damage, if any, to the completed embankment portion of the

contract until acceptance. Turfed areas shall be kept mowed to a height between 4 and 12 inches above the turfed soil at no additional cost to the Government. The turfed areas shall be maintained by mowing for the life of the Contract and at a minimum shall meet the scheduled mowing intervals of the levee district. Should the Contractor fail to mow the turfed areas to the limits as specified above, the Government will assume the responsibility for the mowing and deduct the cost thereof from any payments due the Contractor.

14. Change section 1025-3, para 1.2.1 reference to “Quantity Surveys Alternate I, to read “Quantity Survey”.

(End of Summary of Changes)

**ITEM NO. R-48.88 A.C. (PARCEL NO. 2)
RELIEF WELLS, NASH MISSOURI
LITTLE RIVER DRAINAGE DISTRICT
MISSISSIPPI RIVER LEVEES - CONSTRUCTION
CAPE GIRARDEAU COUNTY, MISSOURI**

SECTION 00010
SUPPLIES OR SERVICES AND PRICES/COSTS

<u>ITEM</u>	<u>DESCRIPTION</u>	<u>ESTIMATED QUANTITY</u>	<u>U/M</u>	<u>U/P</u>	<u>AMOUNT</u>
0001	Mobilization andDemobilization	1	LS	XXX.XX	\$____.____
0002	Clearing	1	LS	XXX.XX	\$____.____
0003	Excavation	37,500	CY	\$____.____	\$____.____
0004	Relief Wells 8"	1,775	LF	\$____.____	\$____.____
0005	Relief Wells 10"	4,546	LF	\$____.____	\$____.____
0006	Pumping Test				
0006AA	First 150 Hours	150	HR	\$____.____	\$____.____
0006AB	All over 150 Hours	45	HR	\$____.____	\$____.____
0007	Pilot Hole Boring	7,446	LF	\$____.____	\$____.____
0008	Piezometers	407	LF	\$____.____	\$____.____
0009	Guard Posts	261	EA	\$____.____	\$____.____
0010	Riprap "R-90"	10,100	TN	\$____.____	\$____.____
0011	Geotextile	16,188	SY	\$____.____	\$____.____
0012	Aggregate Surfacing	1	LS	XXX.XX	\$____.____
0013	Corrugated Metal Pipe, 24-inch dia	114	LF	\$____.____	\$____.____
0014	Corrugated Metal Pipe, 28 X 20 - inch arch	88	LF	\$____.____	\$____.____
0015	Corrugated Metal Pipe, 42 X 29 - inch arch	170	LF	\$____.____	\$____.____
0016	Corrugated Metal Pipe, 48-Inch dia	228	LF	\$____.____	\$____.____
0017	Establishment of Turf	1	LS	XXX.XX	\$____.____
0018	Environmental Protection	1	LS	XXX.XX	\$____.____

\$ -

SECTION 00010
SUPPLIES OR SERVICES AND PRICES/COSTS

<u>ITEM</u>	<u>DESCRIPTION</u>	<u>ESTIMATED QUANTITY</u>	<u>U/M</u>	<u>U/P</u>	<u>AMOUNT</u>
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**ITEM NO. R-48.88 A.C. (PARCEL NO. 2)
RELIEF WELLS, NASH, MISSOURI
LITTLE RIVER DRAINAGE DISTRICT
MISSISSIPPI RIVER LEVEES - CONSTRUCTION
STORM WATER POLLUTION PREVENTION PLAN
FOR STORM WATER GENERAL PERMIT
U.S. ARMY CORPS OF ENGINEERS, MEMPHIS DISTRICT**

1.0 LOCATION AND NATURE OF ACTIVITY

This project is located near Scott City, Missouri in Cape Girardeau and Scott Counties, Missouri landside of the Little River Headwater Diversion Channel Main Line levee. The project will begin at levee mile 8/25+36 and extend to levee mile 9/45+25. The work consists of relief well installations, collector ditch excavation, outlet channel enlargement for Ditch 8, riprap placement, culvert installation and the gravel surfacing of inline culvert crossings.

A set of construction drawings showing the project location and the details of installation of the wells collector ditches and outlet ditches will be located on the site at all times.

2.0 AREA AFFECTED

The total area of the site, within the right-of-way limits, which will be impacted by construction, is approximately 70 acres.

3.0 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, topsoil, 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 into natural streams flowing into Ditch 8, other water bodies or wetlands.

3.1.2 Protection of Landscape

Trees, shrubs, vines, grasses, landforms 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 of Unprotected Erodible Soils

All earthwork shall be planned and conducted to minimize the 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 reasonably 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, temporarily 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

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 Temporary Erosion Control Devices Standard Drawing.

3.2.2 Silt Fences

If used, silt fences shall be constructed in those locations where storm water may flow from the construction site; all necessary efforts shall be employed to minimize the entry of excavated material entering into natural streams flowing into Ditch 8, other water bodies or wetlands.

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 Ditch 8, other water bodies, or wetlands. 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 with 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 surface, or by a spillway protected by baled straw filter barriers in 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 not 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 above-mentioned measures provided they are consistent with Best Management Practices (BMPs). They shall be maintained until permanent drainage and erosion control facilities are complete 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.

4.0 CONTROL OF POLLUTANTS AFTER CONSTRUCTION

4.1 ESTABLISHMENT OF TURF

4.1.1 General

Turf shall be established as a permanent erosion control measure on any area which is 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 not 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 sown 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 employed, using 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 by the Contracting Officer. Such work may resume only when conditions are favorable or when approved alternative or corrective measures and procedures have been identified and approved by the Contracting Officer. If 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 two 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 the requirements of this permit. In the event that there are State or local erosion and sediment control requirements, it shall be the responsibility of the Contractor to identify and comply with all applicable requirements.

5.0 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 re-vegetated, the runoff coefficient should remain in approximately the same range with no increase in impervious areas. Soils in the area consist of silt and silty sands with seams of fat and lean

clays underlain by sand. For further information regarding soil borings contact the Memphis District Office of the U.S. Army Corps of Engineers or refer to the contract drawings.

6.0 RECEIVING WATER

The receiving stream for the well water is Ditch 8. Ditch 8 drains into Upper Ditch 1, which is part of the Little River Drainage System, that flows through Big Lake, and enters into the St. Francis Floodway System. The St. Francis Floodway System enters the Mississippi River above Helena, Arkansas.

7.0 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 calendar days and within 24 hours of the end of a storm that is 0.5 inches 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 correct operation. 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 off-site sediment tracking.

7.3 MODIFICATION 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 seven calendar days following the inspection. Such modification shall provide for timely implementation of any changes to the plan within seven 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 three years from the date the site is finally stabilized.

8.0 OTHER CONSIDERATIONS

8.1 LOCATION OF CONSTRUCTION IN REGARD TO WATERS CLASSIFIED IN 10 CSR 20-7.013

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 PROXIMITY OF SITE TO MAJOR RESERVOIRS

Construction is not within 100 feet of waters classified as major reservoirs.

9.0 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 borrow material excavation, 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 percent of the cover for the area has been established or equivalent stabilization measures (such as the use of mulches or geotextiles) have been employed.

10.0 CERTIFICATION

“I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.”

Dennis J. Kamper, P.E., Chief, Eng. Division, COE (901) 544-3227
Name & Official Title Phone No.

Signature

Date Signed

Name & Official Title of Contractor Phone No.

Signature

Date Signed

Name & Official Title of Sub Contractor Phone No.

Signature

Date Signed

DIVISION 02 - SITE WORK
SECTION 02100
CONSTRUCTION PROCEDURES
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DIVISION 02 - SITE WORK
SECTION 02100
CONSTRUCTION PROCEDURES

PART 1 GENERAL

1.1 SCOPE

The work provided for herein consists of furnishing all plant, labor, material, and equipment and performing all work in strict accordance with the specifications, schedules, and drawings, for the construction of the relief wells and associated drainage along the wells and the enlargement of Ditch 8. The work shall be completed as expeditiously as possible.

1.2 SUBAQUEOUS PLACEMENT LIMITATIONS

The intent is to place the riprap and filter fabric in the dry; however, the Contracting Officer will consider placement in depths of water not greater than two feet above the design grade of the riprap.

1.3 ORDER OF WORK

The order of work for this project shall be as follows. However, the sequence of construction between the earth work (collector ditches and enlargement of Ditch 8) and the installation of the relief wells shall be left to the Contractor's discretion as long as the following guidelines are met and the Contractor has approval from the COR.

- (1) Locate the relief wells, acquire COR approval on the location, drill pilot holes and install piezometers.
- (2) Piezometers shall be operational and the readings shall be provided to the COR before installation of the relief wells will be allowed.
- (3) The Contractor can begin excavate and/or place excavated material or a combination of both at any time during the contract as long as the following criteria is met. This work can be done simultaneously with the installation of the relief wells.
 - a. The excavation for the channel enlargement of Ditch 8 shall begin at the downstream end or at the confluence of Ditch 8 and Ditch 1 and proceed in an upstream direction.
 - b. If the relief wells are installed before the final ditch configuration is completed, then there shall be sufficient drainage to conduct the complete installation and testing of the relief wells without flooding outside the ROW limits and the water produced during testing shall be conveyed to Ditch 8 without using existing drainage outside the ROW limits. The Contractor shall also be required to meet

the requirements of Section 02708, 3.13 Emergency Well Closure During Construction.

- c. The requirements of Section 01130 and the SWPPP plan shall be met at all times during construction.
- d. Excavated materials shall be placed to insure that all fill required for this contract has been placed. The fill areas include construction of the culverts and field access road embankments, filling ditches along the levee toe and for filling the left bank field road as shown on the drawings. The remainder of fill shall be placed in the pond/disposal area as indicated in Section 02225 and as shown on the drawings.

PART 2 PRODUCTS (Not Applicable)

PART 3 EXECUTION (Not Used)

--End of Section--