

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. CONTRACT ID CODE J	PAGE OF PAGES 1 4
2. AMENDMENT/MODIFICATION NO. 0002	3. EFFECTIVE DATE 01-Mar-2004	4. REQUISITION/PURCHASE REQ. NO. W26GLG-4015-7946		5. PROJECT NO.(If applicable)
6. ISSUED BY USA ENGINEER DISTRICT, NORFOLK CONTRACTING OFFICE 803 FRONT STREET NORFOLK VA 23510-1096	CODE W91236	7. ADMINISTERED BY (If other than item 6) See Item 6		
8. NAME AND ADDRESS OF CONTRACTOR (No., Street, County, State and Zip Code)		X	9A. AMENDMENT OF SOLICITATION NO. W91236-04-B-0007	
		X	9B. DATED (SEE ITEM 11) 02-Feb-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 _____ 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.) Solicitation No. W91236-04-B-0007, Demolition of Embrey Dam, Phase III, Rappahannock River, Fredericksburg, VA is modified as follows: SEE CONTINUATION SHEET				
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)	01-Mar-2004	

SECTION SF 30 BLOCK 14 CONTINUATION PAGE

The following items are applicable to this modification:AMENDMENT 0002

SECTION 00100, BID SCHEDULE is replaced by the revised BID SCHEDULE provided as an attachment to this amendment.

SECTION 00100, Clause E4LC 30 CONTRACTOR PERFORMANCE AND BANKING INFORMATION is added in full text.

SECTION 00800, Clause 52.211-12 LIQUIDATED DAMAGES—CONSTRUCTION (SEP 2000) is revised to read: “(a) If the Contractor fails to complete the work within the time specified in the contract, the Contractor shall pay liquidated damages to the Government in the amount of **\$690.00** per calendar day of delay until the work is completed or accepted.”

TECHNICAL CHANGES:

1. Delete Section 01270 Measurement and Payment and replace new Section 01270 Measurement and Payment provided in this Amendment.

2. Delete Par. 3.3.3 in Section 02220 Salvaged Materials and Equipment.
Replace with Section 02220 Par. 3.3.3 Salvaged Materials and Equipment

“ Material salvaged for the contractor shall be stored as approved by the Contracting Officer and shall be removed from the site from the site before the completion of the contract. Material salvaged for the contractor shall not be sold on the site.

The following items reserved as property of the City of Fredericksburg shall be stored on Laydown Area 3 for the City’s use: Crushed concrete suitable for reuse (VDOT 21a), wood and iron from the crib dam, historical materials such as original iron and stone work, and soil and stone excavated as part of the project. The City may use the materials during the course of the project. The Contractor shall keep accurate measurement of the materials removed from the site. Historical items shall not be damaged during removal.”

3. Delete Drawing Sheet G002, OVERALL PROJECT SITE PLAN and replace with included Sheet G002.

4. On Drawing D101, DAM PLAN, on the left side of the drawing where the arrow points to the retaining wall and says “REMOVE”, add the following “RETAINING WALL & WALKWAY SEE SECTION A-A ON SHEET D102”.

5. Delete Drawing Sheet D102, EXISTING CRIB DAM PARTIAL PLAN, SECTION, AND ELEVATION and replace with new Sheet D102.

6. Delete NOTE 2 on Sheet C-104 and replace with the following note:

2. CONTRACTOR SHALL DEVELOP A PLAN FOR THE BEST UTILIZATION OF LAYDOWN AREA 3 AS A WORK AND DISPOSAL AREA. THE PLAN SHALL BE SUBMITTED FOR APPROVAL PRIOR TO THE BEGINNING WORK. THE PLAN SHALL INCLUDE OFFICE TRAILER(S), STORAGE, SECURITY FENCING, WEIGHING SCALES, CONCRETE CRUSHING EQUIPMENT, REGRADING THE DREDGE DISPOSAL AREA, REGRADING THE CONTAINMENT BERM, REMOVAL AND STORAGE OF THE WEIR, REMOVAL OF THE FENCING AROUND THE DISPOSAL AREA, STORAGE OF SOILS INCLUDING TOP SOIL, SELECT FILL AND RANDOM FILL, STONE, RECYCLED CONCRETE AGGREGATE, TIMBERS AND IRON FROM THE CRIB DAM, AND TEMPORARY STORAGE AREAS FOR MATERIALS TO BE SORTED. THE SITE

SHALL BE GRADED LEVEL WITH ADEQUATE SLOPE FOR DRAINAGE. SITE DRAINAGE AND EROSION CONTROL SHALL BE PART OF THE DESIGN. THE PLAN SHALL INCLUDE A 100' BY 200' AREA FOR THE USE OF THE CITY AND ITS DESIGNATES TO PROCESS THE TIMBERS FROM THE CRIB DAM. THE SITE SHALL BE LEFT WITH RECYCLED CONCRETE ACCESS ROADS TO EACH OF THE MATERIAL STORED ON THE SITE AT THE END OF THE PROJECT. SECURITY FENCING SHALL BE LEFT IN PLACE FOR THE STORAGE AREAS (SECURITY FENCING AROUND THE TRAILERS AND EQUIPMENT MAY BE REMOVED) AT THE END OF THE PROJECT.

7. Delete Drawing Sheet C-105, FREDERICKSBURG CANAL – UPSTREAM PLAN VIEW and replace with new Sheet C-105.

8. On Drawing Sheet C-107, FREDERICKSBURG CANAL – UPSTREAM CROSS-SECTION, EARTHEN PLUG CROSS SECTION 1-1, CHANGE SLOPE ON WEST SIDE FROM 1:4 TO 1:10 AND BELOW SLOPE ADD THE FOLLOWING “(VARIES – SEE PLAN FOR ACTUAL)”.

9. On Drawing C-108, MISCELLANEOUS DETAILS, CULVERT CROSSING detail, change “VDOT #1 COARSE AGGREGATE 8” DEEP” to “VDOT #1 COARSE AGGREGATE 20” DEEP” (Both instances).

10. On Drawing C-108, MISCELLANEOUS DETAILS, CULVERT CROSSING ELEVATION, delete reference to “EARTH FILL COVERED BY LARGE ANGULAR ROCK”.

11. On Drawing C-108, MISCELLANEOUS DETAILS, CULVERT CROSSING PLAN VIEW, change “LARGE ANGULAR ROCK OVER EARTH FILL” to “CLASS A1 RIPRAP STONES, TYP. BOTH SIDES”.

12. Drawing C-110, NOTES: In Note 2 change “CLASS 1 OR 2 CONCRETE RUBBLE” to “CLASS I OR II RECYCLED CONCRETE” and add a sentence at the end of the note to say: REMOVE ALL PROTRUDING REINFORCING PRIOR TO PLACEMENT”.

EALC 30 CONTRACTOR PERFORMANCE AND BANKING INFORMATION

1. Prior to awarding a contract, the Government must conduct a PRE-AWARD SURVEY of the firm selected for award. In order for us to minimize delays in conducting the survey and awarding the contract, you are requested to provide the following information with your offer:

- a. BANK: Branch/Location
 Point-of-Contact
 Telephone Number/Fax Number

Please contact the bank in advance so they will release the necessary information regarding average balances in your operating accounts, lines of credit, and credit history.

- b. 3 CURRENT PROJECTS OF SIMILAR SCOPE AND SIZE:

Project Title/Contract Number

Customer

Point-of-Contact

Telephone Number/Fax Number

\$ Value

% Complete

Scheduled Completion Date

c. 3 COMPLETED PROJECTS OF SIMILAR SCOPE AND SIZE:

Same as CURRENT PROJECTS; however, in lieu of "% Complete"
and "Scheduled Completion Date," provide "Completion Date."

d. DO NOT PROVIDE VOLUMINOUS LISTINGS OF YOUR FIRM'S CONTRACTING
HISTORY.

2. If you wish to shield this information from public view at
the bid opening, the information may be placed in an envelope
with the following legend:

PRE-AWARD SURVEY INFORMATION

SOLICITATION NO. _____

<YOUR FIRM'S NAME>

Section 00010 Solicitation Contract Form

<u>ITEM NO</u>	<u>SUPPLIES/SERVICES</u>	<u>QUANTITY</u>	<u>UNIT</u>	<u>UNIT PRICE</u>	<u>AMOUNT</u>
0001	FFP – SCHEDULE 1 – BASE BID				
AA	All construction work on the removal of Embrey Dam, complete, exclusive of items 0001AB-0001AJ	1	Lump Sum	_____	_____
AB	All costs in connection with the excavation, sorting, hauling and stockpiling of silts, sands, gravels, loose rock and rubble around the crib dam and concrete dam to support the removal of those structures, complete, including all work incidental thereto as shown on the drawings and as specified, exclusive of items AA and AC-AJ	21,000	CY	_____	_____
AC	All costs in connection with furnishing, transporting, stockpiling (if applicable), placing, and constructing the rip rap stone protection, complete, including all work incidental thereto as shown on the drawings and as specified, exclusive of items AA-AB and AD-AJ.	1,120	Tons	_____	_____
AD	All costs in connection with the demolition, removal, crushing, sorting, placing, and stockpiling of crushed material, complete, including all work incidental thereto as shown on the drawings and as specified, exclusive of items AA-AC and AE-AJ	6,600	CY	_____	_____
AE	All costs in connection with the demolition, removal, preparation (including removal of reinforcing steel), sorting, placing, and constructing rip rap core stone, complete, including all work incidental thereto as shown on the drawings and as specified, exclusive of items AA-AD and AF-AJ.	3,100	CY	_____	_____
AF	All costs in connection with the demolition, removal, preparation including crushing, sorting, hauling, and disposal of steel, embedded steel, and cast iron, complete, including all work incidental thereto as shown on the drawings and as specified, exclusive of items AA-AE and AG-AJ.	440	Tons	_____	_____
AG	All costs in connection with the geotextile used under rip rap, complete, including all work incidental thereto as shown on the drawings and as specified, exclusive of items AA-AF and AH-AJ	8,400	SF	_____	_____

AH	28,000	SY	_____	_____
	All costs in connection with the riparian restoration including soil preparation, grading, textile mats, seeding, sprigging and planting, complete, including all work incidental thereto as shown on the drawings and as specified, exclusive of items AA-AG and AI-AJ.			
AI	4,050	Tons	_____	_____
	All costs in connection with demolition, removal, preparation including sorting, hauling, and placement in a storage pile of timber and iron in crib dam, complete, including all work incidental thereto as shown on the drawings and as specified, exclusive of items AA-AH and AJ.			
AJ	1,000	Tons	_____	_____
	All costs in connection with the hauling and disposal of unsuitable materials offsite, complete, including all work incidental thereto as shown on the drawings and as specified, exclusive of items AA-AI			
	TOTAL BID		_____	_____

SECTION 01270

MEASUREMENT AND PAYMENT
02/94

PART 1 GENERAL

1.1 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.

1.2 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-03 Product Data

Weight Certificates; G

Submit certified weight certificates for Rip rap.

1.3 LUMP SUM PAYMENT ITEMS

Payment items for the work of this contract for which contract lump sum payments will be made are listed in the BIDDING SCHEDULE and described below. All costs for items of work, which are not specifically mentioned to be included in a particular lump sum or unit price payment item, shall be included in the listed lump sum item most closely associated with the work involved. The lump sum price and payment made for each item listed shall constitute full compensation for furnishing all plant, labor, materials, and equipment, and performing any associated Contractor quality control, environmental protection, meeting safety requirements, tests and reports, and for performing all work required for which separate payment is not otherwise provided.

1.4 UNIT PRICE PAYMENT ITEMS

Payment items for the work of this contract on which the contract unit price payments will be made are listed in the BIDDING SCHEDULE and described below. The unit price and payment made for each item listed shall constitute full compensation for furnishing all plant, labor, materials, and equipment, and performing any associated Contractor quality control, environmental protection, meeting safety requirements, tests and reports, and for performing all work required for each of the unit price items.

1.4.1 Measurement and Payment of Excavated Material

1.4.1.1 Payment

Payment will be made for costs associated with excavation, sorting,

hauling, and stockpiling of silts, sands, gravels, loose rock and rubble around the crib dam and concrete dam to support the removal of those structures, which includes performing required excavation and other operations incidental thereto and disposition of excavated material. Excavation and removal of unsuitable materials shall be paid for under this section. Hauling to and disposal of unsuitable materials off site shall be paid for under section 1.4.9.

1.4.1.2 Measurement

The total quantity of excavated material for which payment will be made will be the theoretical quantity between the ground surface as determined by a survey and the grade and slope of the theoretical cross sections indicated. No allowance will be made for overdepth excavation or for the removal of any material outside the required slope lines unless authorized.

1.4.1.3 Documentation of Volume of Excavated material

The Contractor shall hire an independent surveyor to substantiate the volume of excavated material. Documentation of volume shall be submitted with invoices for payment. The Government reserves the right to verify survey calculations if deemed necessary by the Contracting Officer.

1.4.1.4 Unit of Measure

Unit of measure: cubic yard.

1.4.2 Measurement and Payment of Rip Rap Material

1.4.2.1 Payment

Payment will be made for costs associated with furnishing, transporting, stockpiling (if applicable), placing, and constructing the stone protection as specified.

1.4.2.2 Measurement

Rip rap will be measured for payment by the ton (2,000 pounds) by weighing each truckload to the nearest 0.1 ton, and the final quantity of the whole sum will be rounded to the nearest whole ton. The Rip rap will be measured for payment by being weighed on approved scales before being placed in the work. Quarry weights will not be accepted. Scales shall be of sufficient length to permit simultaneous weighing all axle loads and shall be inspected, tested and sealed as directed to assure accuracy with 0.5 percent throughout the range of the scales. The scales, located at the site of the work, shall be certified as to accuracy by an acceptable scales company representative prior to weighing any Rip rap. Scales will be checked and certified before rip rap hauling and rechecked and recertified whenever a variance is suspected. The Contractor shall furnish the scales.

The Rip rap shall be weighed in the presence of the Government representative. The Contracting Officer may elect to accept certified weight certificates furnished by a public weigh master in lieu of scale weights at the jobsite.

1.4.2.3 Unit of Measure

Unit of measure: ton (2,000 pounds).

1.4.3 MEASUREMENT AND PAYMENT OF CRUSHED MATERIAL

1.4.3.1 Payment

Payment will be made for costs associated with demolition, removal, crushing, sorting, placing and stockpiling the crushed material. This shall include any material crushed on site and used for road or other construction during the course of the project.

1.4.3.2 Documentation of Volume of Crushed Material

The Contractor shall hire an independent surveyor to substantiate the volume of crushed material produced. Documentation of volume shall be submitted with invoices for payment. The Government reserves the right to verify survey calculations if deemed necessary by the Contracting Officer.

1.4.3.3 Unit of Measure

Unit of measure: cubic yard.

1.4.4 Measurement and Payment of Concrete Rubble Used as Rip Rap Core Stone

1.4.4.1 Payment

Payment will be made for costs associated with demolition, removal, preparation, sorting, placing, and constructing rip rap subbase as specified, including removal of protruding reinforcing steel from the core stone.

1.4.4.2 Documentation of Volume of Concrete Rubble Used as Rip Rap Core Stone

The Contractor shall hire an independent surveyor to substantiate the volume of core stone produced. Documentation of volume shall be submitted with invoices for payment. The Government reserves the right to verify survey calculations if deemed necessary by the Contracting Officer.

1.4.4.3 Unit of Measure

Unit of measure: cubic yard

1.4.5 MEASUREMENT AND PAYMENT FOR DISPOSAL OF STEEL, EMBEDDED STEEL AND CAST IRON

1.4.5.1 Payment

Payment will be made for costs associated with demolition, removal, preparation including crushing, sorting, hauling, and disposal including all fees associated with disposal.

1.4.5.2 Documentation of Steel, Embedded Steel and Cast Iron

Steel, Embedded Steel and Cast Iron will be measured for payment by the ton (2,000 pounds) by weighing each truckload to the nearest 0.1 ton, and the final quantity of the whole sum will be rounded to the nearest whole ton. The Steel, Embedded Steel and Cast Iron will be measured for payment by being weighed on approved scales before being placed in the work. Quarry weights will not be accepted. Scales shall be of sufficient length to permit simultaneous weighing all axle loads and shall be inspected, tested

and sealed as directed to assure accuracy with 0.5 percent throughout the range of the scales. The scales, located at the site of the work, shall be certified as to accuracy by an acceptable scales company representative prior to weighing any Steel, Embedded Steel and Cast Iron. Scales will be checked and certified before rip rap hauling and rechecked and recertified whenever a variance is suspected. The Contractor shall furnish the scales.

The Steel, Embedded Steel and Cast Iron shall be weighed in the presence of the Government representative. The Contracting Officer may elect to accept certified weight certificates furnished by a public weigh master in lieu of scale weights at the jobsite.

1.4.5.3 Unit of Measure

Unit of measure: Ton (2000 pounds).

1.4.6 Measurement and Payment For Geotextile used under Rip Rap

1.4.6.1 Payment

Payment shall be made for geotextile in place including material and all placement costs.

1.4.6.2 Documentation of Geotextile Material

The Contractor shall hire an independent surveyor to substantiate the square footage of geocloth used. Documentation of square footage shall be submitted with invoices for payment. The Government reserves the right to verify survey calculations if deemed necessary by the Contracting Officer.

1.4.6.3 unit of Measure

Unit of measure: Square Foot.

1.4.7 Measurement and Payment for Riparian Restoration

1.4.7.1 Payment

Payment shall be made including soil preparation, grading, textile mats, seeding, sprigging and planting including material, equipment, and labor. Bid Items shall be included for Zone 1 and Zone 2 restoration. (Zone 3 restoration will be lump sum.)

1.4.7.2 Documentation of Riparian Restoration

The Contractor shall hire an independent surveyor to substantiate the square yardage. Documentation of square yardage shall be submitted with invoices for payment. The surveyor shall lay out 20' by 20' grids. The square yardage shall be calculated as surface measurement using the distance and elevation at each point on the grid. The Government reserves the right to verify survey calculations if deemed necessary by the Contracting officer.

1.4.7.3 Unit of Measure

Unit of measure: Square Yard.

1.4.8 Measurement and Payment of Timber and Iron in Crib Dam

1.4.8.1 Payment

Payment will be made for costs associated with demolition, removal, preparation including sorting, hauling, and placement of Timber and Iron from the Crib Dam in a storage pile, including all fees associated with disposal.

1.4.8.2 Documentation of Timber and Iron in Crib Dam

Timber and Iron in Crib Dam will be measured for payment by the ton (2,000 pounds) by weighing each truckload to the nearest 0.1 ton, and the final quantity of the whole sum will be rounded to the nearest whole ton. The Timber and Iron in Crib Dam will be measured for payment by being weighed on approved scales before being placed in the work. Quarry weights will not be accepted. Scales shall be of sufficient length to permit simultaneous weighing all axle loads and shall be inspected, tested and sealed as directed to assure accuracy with 0.5 percent throughout the range of the scales. The scales, located at the site of the work, shall be certified as to accuracy by an acceptable scales company representative prior to weighing any Timber and Iron in Crib Dam. Scales will be checked and certified before rip rap hauling and rechecked and recertified whenever a variance is suspected. The Contractor shall furnish the scales. The Timber and Iron in Crib Dam shall be weighed in the presence of the Government representative. The Contracting Officer may elect to accept certified weight certificates furnished by a public weigh master in lieu of scale weights at the jobsite.

1.4.8.3 Unit of Measure

Unit of measure: Ton (2,000 pounds).

1.4.9 Measurement and Payment for Disposal of Unsuitable Material

1.4.9.1 Payment

Payment will be made for costs associated with rehandling, hauling and disposal of unsuitable material off site at an approved Disposal site for the type of material being disposed, including all fees associated with disposal.

1.4.9.2 Documentation of Disposal Material

Unsatisfactory material will be measured for payment by the ton (2,000 pounds) by weighing each truckload to the nearest 0.1 ton, and the final quantity of the whole sum will be rounded to the nearest whole ton. The unsatisfactory material will be measured for payment by being weighed on approved scales before being placed in the work. Quarry weights will not be accepted. Scales shall be of sufficient length to permit simultaneous weighing all axle loads and shall be inspected, tested and sealed as directed to assure accuracy with 0.5 percent throughout the range of the scales. The scales, located at the site of the work, shall be certified as to accuracy by an acceptable scales company representative prior to weighing any unsatisfactory material. Scales will be checked and certified before rip rap hauling and rechecked and recertified whenever a variance is suspected. The Contractor shall furnish the scales. The unsatisfactory material shall be weighed in the presence of the Government representative. The Contracting Officer may elect to accept certified weight certificates furnished by a public weigh master in lieu of scale weights at the jobsite.

1.4.9.3 Unit of measure

Unit of measure: Ton (2000 pounds)

PART 2 PRODUCTS (Not Applicable)

PART 3 EXECUTION (Not Applicable)

-- End of Section --