

2. AMENDMENT/MODIFICATION NO. 0001	3. EFFECTIVE DATE 11/06/01	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. <i>(If applicable)</i>
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6. ISSUED BY CODE EC	7. ADMINISTERED BY <i>(If other than Item 6)</i> CODE CT
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U.S. ARMY CORPS OF ENGINEERS GALVESTON DISTRICT OFFICE P.O. BOX 1229 GALVESTON, TEXAS 77553-1229	U.S. ARMY CORPS OF ENGINEERS GALVESTON DISTRICT OFFICE P.O. BOX 1229 GALVESTON, TEXAS 77553-1229
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8. NAME AND ADDRESS OF CONTRACTOR <i>(No., street, county, State and ZIP Code)</i>	(✓)	9A. AMENDMENT OF SOLICITATION NO. DACW64-02-B-0003
	(X)	9B. DATED <i>(SEE ITEM 11)</i> 10/19/01
		10A. MODIFICATION OF CONTRACTS/ORDER NO.
		10B. DATED <i>(SEE ITEM 13)</i>
CODE	FACILITY CODE	

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended, is not extended.

Offers 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 1 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: <i>(Specify authority)</i> 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 <i>(such as changes in paying office, appropriation date, etc.)</i> 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 <i>(Specify type of modification and authority)</i>

E. IMPORTANT: Contractor is not, 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.)*

Brazos Island Harbor, Texas, Brownsville Entrance Channel in Cameron County, Texas, Dredging.
 (See Attached)

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 <i>(Type or print)</i> a	16A. NAME AND TITLE OF CONTRACTING OFFICER <i>(Type or print)</i>
15B. CONTRACTOR/OFFEROR _____ <i>(Signature of person authorized to sign)</i>	15C. DATE SIGNED
16B. UNITED STATES OF AMERICA BY _____ <i>(Signature of Contracting Officer)</i>	16C. DATE SIGNED

1. The specifications and drawings for Invitation No. DACW64-02-B-0003, Dredging, Brownsville Entrance Channel in Cameron County, Texas, Brazos Island Harbor, Texas, advertised 19 October 2001, and for which bids are to be opened on 20 November 2001, are hereby modified as follows:

(a) Specifications.

(1) BIDDING SCHEDULE, Pages 00010-1 and 00010-2. - The enclosed Bidding Schedule, Pages 00010-1 and 00010-2 supersedes that issued with this Invitation.

(2) Page 01100-1, Paragraph 1. - In the fourth line, change "400,000" to "300,000." Also, in the eighth line, change "300,000" to "200,000."

(3) SECTION 02482, DREDGING. - The enclosed new SECTION 02482 entitled DREDGING supersedes that issued with this Invitation.

(b) Drawings.

Sheets 1 of 4, 2 of 4, and 4 of 4. - The enclosed new Sheets 1 of 4, 2 of 4, and 4 of 4 supersede those issued with this Invitation.

2. This amendment shall be attached to, and become a part of, the specifications.

3 Encls

1. Bid Sched
2. SECTION 02482
3. Sheets 1 of 4, 2 of 4, and 4 of 4

File **7358S**
BRAZOS ISLAND HARBOR, TEXAS
BROWNSVILLE ENTRANCE CHANNEL
IN CAMERON COUNTY, TEXAS,
DREDGING

INVITATION NO. DACW64-02-B-0003

BIDDING SCHEDULE
(TO BE ATTACHED TO STANDARD FORM 1442)

Item No.	Description	Estimated Quantity	Unit	Unit Price	Estimated Amount
<u>SCHEDULE NO. 1</u>					
0001	Mobilization and Demobilization	1	L.S.	\$ _____	\$ _____
0002	Dredging	257,000	C.Y.	\$ _____	\$ _____
0003	Monitor Surveys	1	L.S.	\$ _____	\$ _____
0004	Sea Turtle Protection*	1	L.S.	\$ _____	\$ _____
TOTAL SCHEDULE NO. 1					\$ _____

*NOTE: This Bid Item Applies to Hopper Dredges Only.

00010-1

(To Accompany Amendment No. 0001 to Invitation No. DACW64-02-B-0003)

BIDDING SCHEDULE (Cont'd)
(TO BE ATTACHED TO STANDARD FORM 1442)

1. ARITHMETIC DISCREPANCIES (EFARS 52.214-5000).

(a) For the purpose of initial evaluation of bids, the following will be utilized in resolving arithmetic discrepancies found on the face of bidding schedule as submitted by the bidder:

- (1) Obviously misplaced decimal points will be corrected;
- (2) Discrepancy between unit price and extended price, the unit price will govern;
- (3) Apparent errors in extension of unit prices will be corrected;
- (4) Apparent errors in addition of lump-sum and extended prices will be corrected.

(b) For the purpose of bid evaluation, the Government will proceed on the assumption that the bidder intends his bid to be evaluated on the basis of the unit prices, the totals arrived at by resolution of arithmetic discrepancies as provided above and the bid will be so reflected on the abstract of bids.

(c) These correction procedures shall not be used to resolve any ambiguity concerning which bid is low.

2. MODIFICATIONS (CESWG). If a modification to a bid based on unit prices is submitted, which provides for a lump sum adjustment to the total estimated cost, the application of the lump sum adjustment of each unit price in the bid schedule must be stated. If it is not stated, the bidder agrees that the lump sum adjustment shall be applied on a pro rata basis to every unit price in the bid schedule.

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SECTION 02482 - DREDGING**PART 1 - GENERAL****1.1 SCOPE OF WORK.**

1.1.1 Work to be Done. The work in this Section consists of furnishing plant, labor, materials, and equipment and performing the work required by these specifications, schedules, and drawings forming parts thereof for dredging this project as follows:

Required Depth Below MLT (Feet)	Required Width (Feet)	From Station	To Station	Distance Between Stations (Feet)
ENTRANCE CHANNEL				
46	300	-6+000	-12+500	6,500
			TOTAL	6,500

1.1.2 The varying bottom width(s) and lengths to be dredged are shown on the drawings referred to in the SPECIAL CONTRACT REQUIREMENTS, STANDARD CLAUSE entitled CONTRACT DRAWINGS AND SPECIFICATIONS. The Contractor shall remove sufficient material to provide the limiting side and end slopes specified in the Paragraph: OVERDEPTH, SIDE AND END SLOPES, below.

1.2 LOCATION. The Brownsville Entrance Channel extends from deep water in the Gulf of Mexico through the Brazos Santiago Pass between the Jetties at South Padre Island, Texas and Brazos Island, Texas to the Gulf Intracoastal Waterway.

1.3 OBSTRUCTION OF CHANNEL. The Government will not undertake to keep the Channel free from vessels or other obstructions, except to the extent of the regulations, if any, as may be prescribed by the Secretary of the Army, in accordance with the provisions of Section 7 of the River and Harbor Act approved 8 August 1917. The Contractor will be required to conduct the work using a method that will obstruct navigation as little as possible, and if the Contractor's plant does obstruct the Channel and makes the passage of vessels difficult or endangers them, the plant shall be promptly moved on the approach of a vessel as far as may be necessary to afford a practicable passage. Upon completion of the work, the Contractor shall promptly remove its plant, including ranges, buoys, piles, and other marks placed under this contract.

1.4 TEMPORARY REMOVAL OF AIDS TO NAVIGATION. The temporary removal or changes in locations of channel markers may be required to facilitate dredging operations. The Contractor shall notify the Contracting Officer at least 21 days prior to the date that the removal or change in location of channel markers will be required so the U.S. Coast Guard can perform the work and so navigation interests may be informed sufficiently in advance of the proposed removal or change in location.

1.5 NOTIFICATION PRIOR TO COMMENCEMENT OF DREDGING OPERATIONS. The Contractor shall notify the Area Engineer, at the Southern Area Office, in writing, at least 10 days prior to commencement of dredging operations, the location or locations at which a dredge or dredges will be placed on the work. This information is required in addition to the progress charts and schedules provided for in the CONTRACT CLAUSE entitled SCHEDULE FOR CONSTRUCTION CONTRACTS.

1.6 UTILITIES ACROSS THE LIMITS OF DREDGING. There are no known utilities that cross the areas to be dredged.

1.7 WORK COVERED BY THE CONTRACT PRICE.

1.7.1 Mobilization and Demobilization. The contract lump sum price for "Mobilization and Demobilization" shall include the costs in connection with mobilization and demobilization of the plant necessary to perform work under the various bid items. The contract price shall include transportation and other costs incidental to delivery of the plant and other equipment to the general work area in condition ready for operation and, after the completion of the work, for removal of the plant and equipment from the work sites.

1.7.2 Dredging. The contract price per cubic yard for "Dredging" shall include the cost of removal and placement of the material as specified in Paragraphs: CHARACTER OF MATERIALS and PLACEMENT OF EXCAVATED MATERIAL below.

1.7.3 Monitor Surveys. The contract lump sum price for "Monitor Surveys" shall include the costs necessary to produce the surveys.

1.8 CHARACTER OF MATERIALS.

1.8.1 Material. The material to be removed to restore the depths within the limits specified in the Paragraph: DESCRIPTION OF WORK, above, is composed of shoals of silt, sand and shell that have accumulated over a period of time; however, some virgin material may be encountered in allowable overdepth, or side slope dredging. Rip rap may be encountered within the specified limits. Bidders are expected to examine the work site and the records of previous dredging, which are available in the Southern Area Office, and after investigation decide for themselves the character of the materials.

1.8.2 Debris. Other materials, including scrap, rope, wire cable, snag, and stumps may be encountered in the specified limits and overdepth dredging. No separate payment will be made for removal and disposal of this debris.

1.9 MEASUREMENT.

1.9.1 Dredging. The total amount of material removed shall be measured by the cubic yard in-place. The measurements shall be made by computing the volume between the bottom surface shown by fathometer soundings of the last survey made before dredging and the bottom surface shown by the fathometer soundings of a survey made as soon as practicable after the entire work specified in the Paragraph: SECTIONS below, has been completed and included within the limits of the overdepth and side and end slopes specified in the Paragraph: OVERDEPTH, SIDE AND END SLOPES below, less deductions that may be required for misplaced material specified in the Paragraph: PLACEMENT OF EXCAVATED MATERIAL below.

1.9.2 Electronic Positioning. In using electronic positioning the Government will make a corrective adjustment, if applicable, in the volume computation process to compensate for the repeatability tolerance of the electronic positioning equipment, between "before-dredging" and "after-dredging" surveys. The amount of this adjustment will be limited to a shift of plus or minus 3 meters on an azimuth from the baseline normal to the centerline of the cut, of the "after-dredging" survey with respect to the "before-dredging" survey. Adjustments made in "after-dredging" cross sections will also result in a similar adjustment to the "before-dredging" cross sections in the area not dredged. The horizontal control points shown are the control points the Government will use to perform electronic surveys on the waterway. The Government does not guarantee permanent access to these control points, therefore, it may be necessary for the Contractor to establish its own network of survey points from these survey points or from other U.S. Coast and Geodetic Survey (USCGS) monuments. Location and description of the horizontal control points which the Government plans to use to perform electronic surveys on the Brazos Island Harbor Project is available at the Southern Area Office, Corpus Christi Location. The Contractor shall be responsible for establishing its own reference line to conduct hydrographic surveys and dredging operations if electronic positioning equipment is not used.

1.9.3 Drawings. The drawings already prepared as specified in the SPECIAL CONTRACT REQUIREMENTS, STANDARD CLAUSE entitled CONTRACT DRAWINGS AND SPECIFICATIONS represent conditions existing as of the date of their preparation (average existing conditions). However, to reflect anticipated shoaling or scour occurring between the dates of preparation of the drawings and the dates of the "before-dredging" sections, the estimated dredging quantities shown in the Bidding Schedule have been adjusted accordingly. The depths and elevations shown thereon will be verified and corrected by fathometer soundings taken by the Government before dredging. Determination of quantities removed and the deductions made therefrom to determine quantities by in-place measurement to be paid for in the area specified, after having once been made will not be reopened, except on evidence of collusion, fraud, or obvious error.

1.10 PAYMENT.

1.10.1 Mobilization and Demobilization. Payment for this item will be made pursuant to the conditions of the SPECIAL CONTRACT REQUIREMENTS, STANDARD CLAUSE entitled PAYMENT FOR MOBILIZATION AND DEMOBILIZATION.

1.10.2 Dredging. Monthly partial payments for "Dredging" will be based on approximate quantities determined by fathometer soundings or sweepings taken behind the dredge.

1.10.3 Monitor Surveys. Payment for monitoring surveys and the costs in connection therewith shall be included in the contract lump sum price for "Monitor Surveys."

PART 2 - PRODUCTS

2.1 BRIDGE-TO-BRIDGE RADIOTELEPHONE EQUIPMENT. Dredge and self-propelled attendant floating plant shall be radiotelephone equipped to comply with the provisions of the Vessel Bridge-to-Bridge Radiotelephone Act (Public Law 92-63). This will require, as a minimum, the radiotelephone equipment capable of transmitting and receiving on 156.65 MHZ (Channel 13). Multi-channel equipment will also require 156.8 MHZ (Channel 16). Dredge tugs and tenders will be considered towing vessels within the meaning of the Act.

PART 3 - EXECUTION

3.1 ESTIMATED QUANTITIES.

3.1.1 Required Dredging Prism. The total estimated quantities of material necessary to be removed from the required dredging prism, exclusive of allowable overdepth, to complete the work specified in the Paragraph: DESCRIPTION OF WORK above, is 149,000 cubic yards in-place measurement, including anticipated shoaling occurring prior to the dates of the "before-dredging" sections.

3.1.2 Overdepth. The maximum amount of allowable overdepth dredging is estimated as 108,000 cubic yards in-place measurement, including anticipated shoaling occurring prior to the dates of the "before-dredging" sections.

3.1.3 Estimated Quantities. Within the limit of available funds, the Contractor will be required to excavate the entire quantity of material necessary to complete the work specified in the Paragraph: DESCRIPTION OF WORK above, be it more or less than the amounts above estimated. The work is to be done in accordance with this contract and at the contract price or prices, subject to the provisions of NON-REGULATED SPECIAL CONTRACT REQUIREMENTS CLAUSE entitled VARIATIONS IN ESTIMATED QUANTITIES - DREDGING.

3.2 SECTIONS. For the purpose of acceptance, the dredging work Items on the Bidding Schedule are divided into Sections, as follows:

Station No.	From Station	To Station	Length of Section (Feet)	(1)(2) Prescribed Depth (CY)	(2) Allowable Overdepth (CY)	(2) Total Estimated (CY)
ENTRANCE CHANNEL						
2	-6+000	-12+500	6,500	149,000	108,000	257,000
TOTAL			6,500	149,000	108,000	257,000
<p>(1) The term "prescribed depth" is synonymous with the term "required depth" and "required dredging prism" used elsewhere in these specifications.</p> <p>(2) Includes anticipated shoaling.</p>						

3.3 ORDER OF WORK. The Contractor shall start and complete the work in the order of precedence as may be directed. Hopper dredging and Sea Turtle Protection can be conducted during the period 1 December through 31 March only.

3.4 PLACEMENT OF EXCAVATED MATERIAL

3.4.1 General. The Contractor shall inspect the proposed Placement Area to ensure that using the Area for placement operations will not place it in violation of the applicable Federal, State, or local statutes concerning fish and wildlife. Particular statutes which the Contractor shall consider include, but are not limited to, the Federal Migratory Bird Treaty Act and the Endangered Species Act of 1973. The material excavated shall be transported and deposited in the Placement Areas shown.

3.4.2 Placement Area.

3.4.2.1 Open Water Placement Area No. 1-A. Material excavated shall be transported and deposited into Placement Area No. 1-A. The limiting lines of discharge denoting the Placement Area shall be prominently marked by the Contractor with conspicuous buoys or stakes at each corner. Dredged material shall be deposited within the "Actual Discharge Limits" of the Placement Area. Material will be deposited in a continuous row starting at the southern limit of the Placement Area and progressing in a continuous manner to the northern limit of the Placement Area. Each row shall have a minimum height of 4 feet and a maximum height of 7 feet. Once a row has reached the northern limit of the Placement Area, a new row adjacent to the previous row shall be started. The first row will be started as close to the shoreline as permitted by the draft of the vessel. During the placement of material, the Contractor will be responsible for tracking the exact location of where material has been placed. Tracking charts for each load shall be submitted.

3.4.2.2 Distribution of Dredged Material. The material dredged from the channel sections specified in this contract shall be distributed in the Placement Areas designated according to the TABLE OF DISTRIBUTION OF DREDGED MATERIAL below:

TABLE OF DISTRIBUTION OF DREDGED MATERIAL

STARTING CHANNEL STATION	ENDING CHANNEL STATION	SECTION NO.(S) OF CONTRACT	PLACEMENT AREA NO.
ENTRANCE CHANNEL			
-6+000	-12+500	2	1-A

3.4.3 Unauthorized Placement of Material.

3.4.3.1 Misplaced Excavated Material. Excavated material that is deposited other than in places designated or approved will not be paid for and the Contractor may be required to remove the misplaced excavated material and deposit it where directed without cost to the Government.

3.4.3.2 Debris Disposal. During the progress of the work, the Contractor shall not deposit worn out discharge pipe, wire rope, scrap metal, timbers, other rubbish or obstructive material in the Placement Areas, except as specified herein, or along the banks of the navigable waters. This material, together with scrap, rope, wire cable, piles, pipe, or other obstructive material that may be encountered during the dredging operations, shall be disposed by the Contractor at approved locations.

3.4.4 Easements. Permits authorizing the laying of shore pipe, and for placement of dredged material in the Placement Areas, are on file and available for examination in the offices of the U. S. Army Corps of Engineers, Southern Area Office, 1920 North Chaparral, Corpus Christi, Texas and in the Galveston District Office, Jadwin Building, 2000 Fort Point Road, Galveston, Texas. The instruments authorizing the laying of shore pipelines may contain certain restrictions relative to specific route, location, and general use of the land. These instruments form a part of these specifications and the Contractor shall strictly comply with the terms thereof.

3.4.5 Preservation of Public and Private Property.

3.4.5.1 Damages. Fences, roads, ditches, private or public grounds, and other structures or improvements damaged as a result of the Contractor's operations herein specified shall be repaired or rebuilt by the Contractor at its expense. The areas used by the Contractor in laying and maintaining pipelines shall be restored to the same or as good a condition as existed prior to commencement of the work. Upon completion of the work, the ends of culverts shall be fully closed with wooden bulkheads and trenches and bank cuts shall be backfilled to original ground level.

3.4.5.2 Liability and Restoration. The Contractor shall preserve and protect the existing informational and directional signs, camp facilities, water wells and tanks, station markers, mile markers, and mooring piles which have been established along either bank of the Waterway within the reaches of the dredging operations covered herein. The Contractor shall be liable for and will be required to replace or restore at its expense the signs, camp facilities, water wells and tanks, markers, and mooring piles damaged or destroyed as a result of dredging operations herein specified.

3.4.6 Alternate Placement Area Proposed by Contractor After Award of Contract.

3.4.6.1 Alternate Placement Area(s). If, after award of the contract, a placement area(s) other than that specified herein is proposed, its acceptance will be subject to approval of the Contracting Officer. The Contractor shall furnish written permission from the owners for the use of the substitute placement area(s) and written permission from the owners of the properties involved in obtaining access to the substitute placement area(s). The Contractor shall coordinate the use of the substitute placement area(s) with Federal and State Natural Resource Agencies and shall submit, with its proposal, documentation that demonstrates compliance with the applicable laws and regulations pertinent to designation and coordination of dredged material placement area(s). The Galveston District shall be consulted for specific requirements. Expenses incurred in connection with providing and making available another placement area(s) shall be borne by the Contractor. Materials deposited thereon and operations in connection therewith shall be at the Contractor's risk.

3.4.6.2 Data Submittal. The award of the modification will be subject to the approval of the proposed Contractor-furnished placement area(s) and unless the foregoing required data are furnished with the Contractor's request, the modification for the use of the proposed substitute placement area(s) will not be considered.

3.4.7 Monitoring Surveys. To evaluate the impact of the placement of dredged material on the marine environment, the Contractor shall perform hydrographic surveys of the Placement Areas both before and after completion of dredged material placement operations. The surveys are to consist of transects perpendicular to the Channel taken on 1,000-foot intervals and extending 1,000 feet beyond the Placement Area limits. Also, surveys shall be obtained along the Placement Area limit boundary. The Contractor shall prepare a Plan drawing of these surveys showing the change in elevation between the 'before' and 'after' placement surveys. The Plan drawing shall also show the channel dimensions, stationing and placement area limits. Contour lines shall be drawn in 1-foot increments. Surveys shall be submitted in ASCII XYZ format on 3.5-inch disks promptly upon completion and shall be approved.

3.5 OVERDEPTH, SIDE, AND END SLOPES.

3.5.1. Overdepth. To cover inaccuracies of the dredging process, material actually removed from within the specific areas to be dredged to depths as specified in the Subparagraph: Table of Allowable Overdepth, Side and End Slopes below, will be estimated and paid for at contract price or prices.

3.5.2. Side and End Slopes. Material actually removed from within approved limits, to provide for final side and end slopes as specified in the Paragraph: OVERDEPTHS, SIDE AND END SLOPES above, but not in excess of the amounts originally above these limiting side and end slopes will be estimated and paid for, whether dredged in original position or by dredging space below the pay slope plane at the bottom of the slope for upslope material capable of falling into the cut. In computing the limiting amount of side and end slopes dredging, net dimensions, without allowance for overdepth, will be used.

3.5.3 Excessive Dredging. Material taken from beyond the limits as extended in the Subparagraphs: Overdepth, and Side and End Slopes, above, will be deducted from the total amount dredged as excessive overdepth dredging or excessive side or end slope dredging, for which payment will not be made. Nothing herein shall be construed to prevent payment for the removal of shoals performed in accordance with the applicable provisions of either the SPECIFIC PROJECT REQUIREMENTS CLAUSES entitled FINAL EXAMINATION AND ACCEPTANCE or SHOALING.

3.5.4 Table of Allowable Overdepth, Side and End Slopes.

From Station	To Station	Allowable Overdepth (Feet Below Required Depth)	Final				Above Plane (Feet Below MLT)
			Side Slope		End Slope		
			Grade		Grade		
			Vertical	Horizontal	Vertical	Horizontal	
ENTRANCE CHANNEL							
-6+000	---	---	---	---	1	6	46
-6+000	-12+500	2	1	6	---	---	46
-12+500	---	---	---	---	1	6	46

3.6 REPORTING REQUIREMENTS. The Contractor shall prepare and maintain a daily Dredging Report using the Galveston District's automated Contractor's Daily Report database. This database replaces SWG Form 89. The program will be provided to the Contractor using 3.5-inch diskettes at the pre-construction conference. Instructions and demonstration on the installation and use of this software will also be provided at the pre-construction conference. The Contractor will need an IBM compatible with a minimum of a 486/66 processor with 8 Mb of RAM running Microsoft Windows 3.11 or Microsoft Windows 95, Y2K compliant. Hard drive space needed to install the program and accommodate the data will be approximately 15 Mb. Printing will be best accomplished with either a LaserJet or Inkjet Printer on 8.5- by 11-inch paper in the portrait mode. Modem settings will be automatically handled at the point of transmission, but the Contractor is required to know what serial communications (COM) port it used for the modem (for example: COM1, COM2, or COM3). A telephone

number for transmitting the data by modem to the District server will also be provided at the pre-construction conference. The Contractor will however have the option of submitting the data either by diskette or by modem. If the Contractor elects to submit the data by modem, the data shall be submitted on a daily basis. If the Contractor elects to submit the reports by diskette, the data will still be submitted on a daily basis when possible. Coordination on delays shall be made with the Area Engineer or its designated representative. The Contractor will be required to print and sign reports and submit the original hard copies to the Area Engineer to verify authentication. Monthly reports will be generated by the District Office using the reporting features of the database. If technical problems arise, the point-of-contact for this matter will be Tim Baumer at (409) 766-3874.

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