

For bidding information, see Preparation of Proposals in the Standard Specifications for Highway and Bridge Construction.

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*                               Bid Order No.: 302                               *
* Proposal ID No.: 36-0291-096      Letting Date: November 09, 2011      *
*                                       11:00 A.M.                               *
*   Type of Work: REVETMENT                                                *
*   Primary County: FREMONT          Design: ENGLISH                        *
*   DBE Goal: None                   Std Spec Series: 2009                  *
*   Pre-Qual Group: RIP RAP                                                  *
*                                                                              *
* Contracting Authority: IOWA DEPARTMENT OF TRANSPORTATION                *
*   Proposal Guaranty: $           0.00                                    *
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This Proposal Includes The Following Project(s):

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Project: ER-029-1(96)1--06-36          County: FREMONT
Work Type: REVETMENT                  Plans: Yes
Route: I-29                           Design: ENGLISH
Location: MAIN DITCH #6, 0.4 MILE S. OF IA. 333(NBL)
Road System: INTERSTATE ROAD
Federal Aid - Predetermined Wages Are In Effect
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PROPOSAL DETAILS

Proposal ID No.: 36-0291-096
Primary Work Type: REVETMENT

Bid Order No.: 302
Letting Date: November 09, 2011
11:00 A.M.

Site Number	Contract Period/ Site Description	Liquidated Damages
CONTRACT	COMPLETION DATE: 12/16/11	\$ 1,000.00

PROPOSAL NOTES

PROPOSAL SCHEDULE OF PRICES

Proposal ID No.: 36-0291-096
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UNIT BIDS MUST BE TYPED OR SHOWN IN INK OR THE BID WILL BE REJECTED.

Line No	Item Number Item Description	Item Quantity and Unit	Unit Price		Bid Amount	
			Dollars	Cts	Dollars	Cts
Section 0001 ROADWAY ITEMS						
0010	2528-8445110 TRAFFIC CONTROL	LUMP	LUMP			.
0020	2533-4980005 MOBILIZATION	LUMP	LUMP			.
0030	2602-0000212 FLOATING SILT CURTAIN (HANGING)	200.000 LF		.		.
	SECTION 0001 TOTAL					.
Section 0002 DESIGN NO. 0611; REVETMENT - BERM STABILIZATION						
0040	2102-2710070 EXCAVATION, CLASS 10, ROADWAY AND BORROW	2,020.000 CY		.		.
0050	2402-0425031 GRANULAR BACKFILL	8,335.000 TON		.		.
0060	2506-4984000 FLOWABLE MORTAR	100.000 CY		.		.
0070	2507-3250005 ENGINEERING FABRIC	3,823.000 SY		.		.
0080	2507-6800061 REVETMENT, CLASS E	3,796.000 TON		.		.
	SECTION 0002 TOTAL					.
	TOTAL BID					.

PROPOSAL ADDENDUM INFORMATION

Proposal ID No.: 36-0291-096

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Primary County: FREMONT

11:00 A.M.

When this proposal is used for bidding purposes and submitted with the proper Bidding Document, any and all items on separate documents added to this proposal by addendum must also be included.

Only the bid proposal holders receive addendums issued for this proposal and responsibility for notifying any potential subcontractors or suppliers remains with the bid proposal holder.

PROPOSAL SPECIAL PROVISIONS LIST

Proposal ID No.:	36-0291-096	Bid Order No.:	302
Primary Work Type:	REVETMENT	Letting Date:	November 09, 2011
Primary County:	FREMONT		11:00 A.M.

Note	Description
001.2009	SERIES 2009 OF IDOT STANDARD SPECIFICATIONS, PLUS APPLICABLE
005.0012	GS, DS'S, SS'S, OR SP'S SHALL APPLY TO WORK ON THIS CONTRACT
410.11	PROTECTION OF MIGRATORY BIRD NESTS: NO CONSTRUCTION WHERE
500.12	ACTIVE NESTS ARE PRESENT.
660.13A	A STORM WATER POLLUTION PREVENTION PLAN HAS BEEN DEVELOPED
660.15	FOR ONE OR MORE PROJECTS ON THIS CONTRACT
DBE--2011	ACCELERATED WORK SCHEDULE REQUIRED
DBE-111115	BIDDER QUALIFICATIONS AND PROPOSAL REQUESTS FOR SPECIAL
DS-09060	ADVERTISED LETTINGS
FHWA-1273.04	NO PROPOSAL GUARANTY REQUIRED
GS-09004	REQUIREMENT OF CONTRACT BOND (ARTICLE 1103.05) IS NOT WAIVED
IA10-1.3	STATE OF IOWA 2011 DIRECTORY OF CERTIFIED DBE'S
	AMENDMENT TO THE 2011 ANNUAL DIRECTORY OF CERTIFIED DBE'S
	FLOATING SILT CURTAIN
	REQUIRED CONTRACT PROVISIONS - FEDERAL-AID CONSTRUCTION
	REVISIONS TO SECTIONS V AND VI.
	GENERAL SUPPLEMENTAL SPECIFICATIONS FOR HIGHWAY AND BRIDGE
	CONSTRUCTION
	HIGHWAY WAGE RATES: IA100001
	STATEWIDE (EXCEPT SCOTT COUNTY)

Proposal ID No.: 36-0291-096
Primary Work Type: REVETMENT
Primary County: FREMONT

Bid Order No.: 302
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11:00 A.M.

Note Description

001.2009

*** STANDARD SPECIFICATIONS -- SERIES 2009 ***
THE IOWA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR HIGHWAY AND BRIDGE CONSTRUCTION, SERIES 2009, PLUS APPLICABLE GENERAL SUPPLEMENTAL SPECIFICATIONS, DEVELOPMENTAL SPECIFICATIONS, SUPPLEMENTAL SPECIFICATIONS AND SPECIAL PROVISIONS SHALL APPLY TO CONSTRUCTION WORK ON THIS CONTRACT.

005.0012

*** ACTIVE NESTS OF MIGRATORY BIRDS ***
To protect migratory birds, do not conduct construction activities where active nests are present between the dates of April 1 and July 15, inclusive or until the birds have fledged and left the nest. Active nests are nests containing eggs or young of migratory birds. The contractor shall remove all non-active, existing migratory bird nests and monitor to prevent the establishment of active nests.

If evidence of migratory bird nesting is discovered after beginning work, or in the event that migratory birds nests become established, immediately stop work and notify the Engineer. The contractor will not be compensated for any delays or costs associated with the presence of an active nest on the project.

410.11

*** STORM WATER POLLUTION PREVENTION PLAN ***
A Storm Water Pollution Prevention Plan has been developed by the Contracting Authority for one or more projects on this contract. See the project plans (or other contract document) for specific Storm Water Pollution Prevention Plan details.

500.12

*** ACCELERATED WORK SCHEDULE ***
The Contractor shall accelerate work on this project for two basic reasons. The contract period is much shorter than normal and/or the Contracting Authority desires that the duration of traffic interference be kept to an absolute minimum. Traffic interference means closing of a lane to normal traffic flow.

660.13A

*** Bidder Qualifications and Proposal Requests for Special Advertised Lettings ***
Interested contractors must use the following procedures:

- . Replace Article 1102.01 of the Standard Specifications with the following:
- . Bidders submitting proposals on this work must be recognized
- . contractors actually engaged in the class of work provided for in
- . the contract documents, must possess all necessary licenses,

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 Note Description

- . certificates, and resources to complete the work. Before being
- . allowed to bid, the bidder may be required to furnish evidence to
- . the satisfaction of the Contracting Authority of the bidder's
- . ability to perform and complete the contract.

- . Replace Article 1102.05 of the Standard Specifications with the
- . following:
- . Requests for proposals to bid on this contract may be made until
- . one hour prior to the time of the letting. The "Certification of
- . Uncompleted Work Under Contract" (form 650022) is not required.

660.15

*** NO PROPOSAL GUARANTY ***

Replace Article 1102.11 of the Standard Specifications with the following:

- . No proposal guaranty amount is assigned to this proposal, therefore
- . no check, draft, or bid bond will be required for this proposal.
- .
- . This does not waive the bonding requirements of Article 1103.05 of
- . the Standard Specifications.

DBE--2011

January 19, 2011

STATE OF IOWA 2011 DIRECTORY OF CERTIFIED DISADVANTAGED BUSINESS ENTERPRISES

- . This directory is available upon request from the Office of
- . Contracts, and can also be accessed through the following web sites:
- . www.ia.bidx.com/lettings/
- . www.iowadot.gov/contracts/

DBE-111115

November 15, 2011

AMENDMENT TO THE STATE OF IOWA 2011 DIRECTORY OF CERTIFIED DISADVANTAGED BUSINESS ENTERPRISES

- . This listing is attached only to Bidding Documents that have an
- . Established DBE Goal, and is also available upon request from the
- . Office of Contracts. This amendment, and DBE directory, can also
- . be accessed through the following web site:
- . www.ia.bidx.com/lettings/

DS-09060

April 19, 2011

DEVELOPMENTAL SPECIFICATIONS FOR FLOATING SILT CURTAIN

FHWA-1273.04

March 10, 1994

REQUIRED CONTRACT PROVISIONS - FEDERAL-AID CONSTRUCTION CONTRACTS (EXCLUSIVE OF APPALACHIAN CONTRACTS)

Revisions to FHWA-1273:

- . Section V. STATEMENTS AND PAYROLLS
- . Replace the first sub-sentence of paragraph 2b with the following
- . shown in quotations:

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Note Description

. "The payroll records shall contain the name and an individually
. identifying number for each such employee (e.g., the last four
. digits of the employee's social security number);"
. This change is being made because federal regulations prohibit the
. use of personal addresses and full social security numbers.

. Section VI. RECORD OF MATERIALS, SUPPLIES, AND LABOR
. Delete all references to Form FHWA-47. Form FHWA-47 shall not
. apply.

GS-09004 October 18, 2011
GENERAL SUPPLEMENTAL SPECIFICATIONS FOR HIGHWAY AND BRIDGE CONSTRUCTION

IA10-1.3 May 13, 2011
PREDETERMINED WAGE RATE - GENERAL DECISION NUMBER IA100001
FOR HEAVY AND HIGHWAY CONSTRUCTION -- STATEWIDE (EXCEPT SCOTT COUNTY)
. Note: The Contractor shall review the contract documents and
. is responsible for identifying which zone(s), as defined
. in the Predetermined Wage Rate specification, apply to
. the work on the contract.

*** Additional Requirement ***
The Prime Contractor shall submit certified payrolls for itself and
each approved Subcontractor weekly to the Project Engineer. The
Contractor may use the Iowa D.O.T. Certified Payroll form or other
approved form. The Contractor shall list the craft for each employee
covered by the Predetermined Wage Rates. The Prime Contractor shall
sign each of the Subcontractor's payrolls to acknowledge the submittal
of the Certified Payroll.



**DEVELOPMENTAL SPECIFICATIONS
FOR
FLOATING SILT CURTAIN**

**Effective Date
April 19, 2011**

THE STANDARD SPECIFICATIONS, SERIES 2009, ARE AMENDED BY THE FOLLOWING MODIFICATIONS AND ADDITIONS. THESE ARE DEVELOPMENTAL SPECIFICATIONS AND THEY PREVAIL OVER THOSE PUBLISHED IN THE STANDARD SPECIFICATIONS.

09060.01 DESCRIPTION.

Floating Silt Curtains are temporary control measures used for containing suspended sediment in an area of open water. Open water is described as any perennial water course or water body with 6 inch (150 mm) or greater depth. Floating Silt Curtains consist of fabric fastened to a flotation carrier and weighted along the bottom edge. Two types of Floating Silt Curtains may be utilized:

A. Floating Silt Curtain (Containment).

Floating Silt Curtain (Containment) is intended to capture all sediment entering the water during construction activities and the sediment is to be completely removed with the floating silt curtain upon completion of the work.

B. Floating Silt Curtain (Hanging).

Floating Silt Curtain (Hanging) is intended to create a static water area isolated from the water course or water body. Sediment entering the static water area is isolated and settles out of suspension within the area of the floating silt curtain.

09060.02 MATERIALS.

- A. Floating Silt Curtains shall meet the following minimum requirements and manufacturer recommendations:

Table DS-09060.02-1: Floating Silt Curtain Requirements

	TYPE	
	Still Water	Moving Water
Curtain Fabric Material Type	Impermeable vinyl-nylon laminate	Impermeable vinyl-coated nylon
Mass Per Square Yard (m ²)	18 oz. (0.6 kg)	22 oz. (0.75 kg)
Grab Tensile Strength ASTM D 4632 *	300 lbs. (1.3 kN)	500 lbs. (2.2 kN)
Flotation	6 inch (150 mm) diameter marine quality expanded polystyrene	8 inch (200 mm) diameter marine quality expanded polystyrene
Net Buoyancy, Per Foot (m)	13 lbs. (200 N)	20 lbs. (300 N)
Top Load Carrying Components	Fabric only	Fabric plus 5/16 inch (8 mm) galvanized steel cable 9800 lbs. (40 kN) minimum break strength
Ballast, Lbs. Per Foot (Kg/m), Minimum	0.7 lbs./foot (1.0 kg/m) enclosed 1/4 inch (6 mm) galvanized chain	1.1 lbs./foot (1.6 kg/m) enclosed 5/16 inch (8 mm) galvanized chain
Connection Between Sections	Laced grommets	Aluminum collar reinforced quick disconnects

* Minimum average roll value.

- B. Design connecting devices to prevent silt from permeating through the connection and at specified strength to prevent ripping out.

09060.03 CONSTRUCTION.

A. General.

1. Construct Floating Silt Curtain as shown in the contract documents and to the expected water depth plus wave height.
2. On U.S. Coast Guard regulated waters or other navigable waterways, furnish buoys to mark the ends and special areas for visibility. Place buoys as required for navigational purposes.
3. Floating Silt Curtain shall be installed adjacent to planned work area prior to soil disturbance. The curtain shall be installed along the complete work area which is planned to be disturbed and to points 20 feet (6 m) beyond the limits of the area of disturbance and tied into the existing soil bank.
4. Floating Silt Curtain (Containment) installations will require both a containment floating silt curtain and a hanging floating silt curtain. Install the two floating silt curtains as shown in the contract documents with the containment silt curtain closest to shore and the hanging silt curtain 10 feet (6 m) outside the containment silt curtain.
5. Do not discharge water pumped from the work site into an area of unrestrained open water.
6. Control surface drainage prior to entry into the water by installation of appropriate erosion control measures on land.

B. Floating Silt Curtain (Containment).

1. Anchors shall include a chain that has a minimum weight of 3.3 pounds (1.5 kg) per yard and anchor weights as needed to hold the curtain down.
2. Inspect the containment floating silt curtain after heavy winds or major rain storms (1 inch (25 mm)) to check for damage and depth of silt on the bottom of the silt curtain. If 2 inches (50 mm) or more of silt is present on top of the silt curtain, remove the silt curtain and silt as described below and reinstall floating silt curtain.
3. Upon completion of the work or when clean-out of containment silt curtain is required, remove containment silt curtain and contained silt by pulling the top of curtain towards land until it reaches the trench line. Remove entrenched fabric and pull both ends up and out of the water. Dispose of collected silt offsite at an upland, non-wetland location or as approved by the Engineer. Following removal of containment curtain, the hanging curtain shall remain in place for a minimum of 48 hours after which it can be removed, provided all work in the area being protected is completed.

C. Floating Silt Curtain (Hanging).

1. Anchors shall be a minimum of 40 pounds (18 kg) and located at a maximum spacing of 100 feet (30 m) along curtain.
2. Hanging silt curtain shall remain in place for a minimum of 48 hours after completion of work activity to allow suspended sediment to settle out after which time the silt curtain can be removed. Remove curtain in a manner that will prevent re-suspension of silt into the water.

09060.04 METHOD OF MEASUREMENT.

- A. Floating Silt Curtain, of the type specified, will be measured by length in feet (meters) furnished and installed.
- B. Clean-out of Floating Silt Curtain (Containment) will be measured by length in feet (meters) removed, cleaned, and reinstalled (if necessary) each time cleaning is required.

09060.05 BASIS OF PAYMENT.

- A. Payment for Floating Silt Curtain (Hanging) will be the contract unit price for the length in feet (meters) of hanging silt curtain furnished and installed. Payment is full compensation for labor, equipment, and materials necessary to construct, maintain, and remove hanging silt curtain. Upon satisfactory installation of hanging silt curtain, the Engineer may authorize partial payment not exceeding 80% of the quantity placed. Remaining quantity will be paid after Floating Silt Curtain is removed.
- B. Payment for Floating Silt Curtain (Containment) will be the contract unit price for the length in feet (meters) of containment silt curtain furnished and installed. Payment is full compensation for labor, equipment, and materials necessary to construct and maintain containment silt curtain.
- C. Payment for Clean-out of Floating Silt Curtain (Containment) will be the contract unit price for the length in feet (meters) of the Containment Silt Curtain removed each time cleaning is required. Payment is full compensation for labor and equipment necessary to remove and clean containment silt curtain, remove and dispose of collected silt, and reinstall containment silt curtain (if necessary). Clean-out of Floating Silt Curtain (Containment) will be paid to remove the containment silt curtain at the completion of the project.