THE DELAVAL PROPERTY
ENVIRONMENTAL RESTORATION PROGRAM PROJECT

Addendum No. 2

September 14, 2007

I. Changes to the Contract Specifications

1. *Information Available to Bidders:*

   INSERT Attachment A to this Addendum in the Information Available to Bidders. Drawings W-18 and W-19 show soil boring locations and numbers. Copies of the corresponding boring logs are included in Attachment A. These logs include boring locations in the vicinity of the proposed bulkheads.

2. *Bid Form, Pages BF-1 to BF-19:*

   REPLACE pages BF-1 to BF-19 of the Bid Form in the Project Manual with the Bid Form in Attachment B. The bid form has been modified to include three additional line items, including the following:

   1. Item 51 - Steel Sheet Pile Cut-Off Wall
   2. Item 52 - Off-Site Disposal of Construction and Demolition Debris Material
   3. Item 53 - Off-Site Disposal of Solid Waste Materials

   Additionally, the dates for substantial and final completion of the work specified in the second to last paragraph in Item 4 (Page BF-16) have been changed as follows:

Substantial Completion:	Friday, November 28, 2008
Final Completion:	Wednesday, December 31, 2008

3. *Agreement, Page A-1, Article 1 – Statement of Work:*

   REPLACE the last paragraph of Article 1 – Statement of Work with the following:

   After the excavation activities within the Areas of Concern, as shown on the Drawings, are complete, the Contractor will be required to provide the future Developer of the project site access to the site for a period of ninety (90) days in which the Developer will strip the remaining topsoil from the site, complete rough grading activities, complete the installation of subsurface utilities, and use acceptable soil excavated from the site as backfill material within the Areas of Concern.

4. *Agreement, Page A-2, Article 3 – Commencement of Work:*

   REPLACE the dates for substantial and final completion as follows:

Substantial Completion:	Friday, November 28, 2008
Final Completion:	Wednesday, December 31, 2008

5. *Section 01100 - Summary:*

   REPLACE Paragraph 1.2 C.6 with the following:

   Soil Cover Layer Installation: Includes, but is not limited to, the installation of a non-woven geotextile fabric demarcation barrier across the site, the placement of a one-foot thick soil cover and final site cleanup. As an alternate, the final soil cover system may include the installation of topsoil and establishing vegetation across the project site. The Contractor will be required to provide the future

Developer of the Project Site ninety (90) days to complete rough grading activities and the installation of subsurface utilities prior to the installation of the demarcation layer and soil cover.

REPLACE Paragraph 1.4 A.3 with the following:

Phase 3: After the installation of the bulkheads, the excavations to remove contaminated soils from AOC-1 and AOC-2/3, and the demolition/clearing activities, the future Developer will be permitted to enter the DeLaval site for a period of ninety (90) days strip the remaining topsoil from the site, complete rough grading activities, complete the installation of subsurface utilities, and use acceptable soil excavated from the site as backfill material within the Areas of Concern.

6. *Section 01270 – Unit Prices:*

REPLACE Items Nos. 12 and 29 with the following:

L. Item No. 12 – Remove Utility Poles & Associated Equipment

1. Description: Includes all labor, materials, tools, equipment, supervision, and incidentals required to coordinate the disconnection of the existing electrical service with the utility owner, remove the utility poles and associated electrical wiring, meters, meter boards, light fixtures, transformers, conduits, ceramic insulators, guy wires, guy anchors, and all equipment associated with the existing overhead electrical system as shown on the Contract Drawings. The utility poles, light fixtures, meters, electrical wire, and transformer units will be salvaged and delivered to the Owner, specifically the City of Poughkeepsie Department of Public Works complex located at 26 Howard Street in the City of Poughkeepsie, New York. . All wooden meter boards and framing, guy wires, guy wire anchors, conduit, ceramic insulators, etc. should be disposed of off-site at a properly permitted facility. The disposal costs associated with these items shall be included under this item.
2. Measurement: Lump Sum not to exceed the bid price
3. Payment: Full compensation for furnishing all labor, materials, tools, and equipment necessary to abandon the existing electric service to the site, delivering salvage items to the Owner, and off-site disposal of items not designated to be salvaged.

CC. Item No. 29 – Install 24" HDPE Pipe & Outfall

1. Description: Includes all labor, materials, tools, equipment, supervision, and incidentals required to install twenty-four (24) inch diameter storm sewer pipe at the locations identified on the Contract Drawings. This item includes, but is not limited to, the excavation of the storm sewer trench and stockpiling of the soils on-site for reuse as backfill in the areas of concern, lining the trench with a non-woven geotextile fabric for demarcation purposes, all stone bedding and clean backfill materials, the piping material, a pipe plug, a 2"x4" painted wood pipe location marker, and a concrete headwall/bulkhead encasement with check valve at each outfall. All outfalls shall include a 20-foot long section of pipe, with the exception of the southernmost outfall in AOC-1 shall include a 60-foot long section of pipe to avoid future conflicts with the anchored bulkhead system in AOC-1 by the future developer.
2. Measurement: The quantity to be paid for under this item shall be based upon the actual number of twenty-four (24)-inch diameter storm sewer pipe outfalls installed. The

additional cost associated with the extra 40-feet of HDPE piping and associated pipe bedding, backfill materials, and geotextile fabric shall be included under this item.

3. Payment: Full compensation for furnishing all labor, materials, tools, and equipment necessary to install the twenty-four (24)-inch diameter storm sewer pipe outfalls where identified on the Contract Drawings.

INSERT the following items to the Unit Price section:

YY. Item No. 51 – Steel Sheet Pile Cut-Off Wall

1. Description: Includes all labor, materials, tools, equipment, supervision, and incidentals required to install cantilevered steel sheet pile cut-off wall at toe of revetment in accordance with the Contract Documents. This item includes all steel sheet piles necessary to complete the installation of the cantilevered steel sheet pile cut-off wall in the locations required per the Contract Drawings. The Contractor shall perform a survey of the existing river bottom in areas where revetment is scheduled to be constructed and provide the survey data to the Engineer. The Engineer will then determine the areas requiring steel sheet pile cut-off wall.

2. Measurement: The quantity to be paid under this item shall be based upon the actual length of cut-off wall installed, measured in linear feet.

3. Payment: Full compensation for furnishing all labor, materials, tools, and equipment necessary to install the steel sheet pile cut-off wall.

ZZ. Item 52 - Off-Site Disposal of Construction and Demolition Debris Material (Non-Concrete)

1. Description: Includes all labor, materials, tools, equipment, supervision, and incidentals required for demolition and legal transportation and off-site disposal of debris generated from demolition of existing waterfront structures and portions of existing waterfront structures which are scheduled to be demolished. This item also includes the off-site disposal of other debris on the site surface or segregated from the excavation activities, including, but not limited to, materials such as wood, lumber, brick, stone, reinforcing steel, and piping materials. This item does not include concrete structures and elements which are included in Item No. 14. Furthermore, this item does not include the disposal costs of materials demolished/removed in Item Nos. 10, 11 and 12. The origin of the waste materials (ERP site) must be disclosed to all disposal facilities.

2. Measurement: The quantity to be paid under this item shall be based upon the actual number of tons of debris transported and disposed of off-site. Disposal tickets must be provided to verify the actual tonnage of debris disposed of at the permitted disposal facility. All segregation activities (e.g. separating debris from contaminated soil), if any, must be performed on-site.

3. Payment: Full compensation for furnishing all labor, materials, tools, and equipment necessary to demolish, load, haul, and dispose of existing construction and demolition debris as shown on the Contract Drawings, as specified herein, and as ordered by the Engineer.

AB. Item 53 - Off-Site Disposal of Solid Waste Materials

1. Description: Includes all labor, materials, tools, equipment, supervision, and incidentals required for demolition and legal transportation and off-site disposal of solid waste materials existing on the site surface at the time construction commences and solid waste materials generated from the excavation activities in the areas of concern. This item includes all waste materials not suitable for disposal as construction and demolition debris materials (e.g. bagged waste, putrescible wastes, plastic, etc.) as wells as construction and demolition debris that is deemed grossly-contaminated by the on-site Engineer. The origin of the waste materials (ERP site) must be disclosed to all disposal facilities.

2. Measurement: The quantity to be paid under this item shall be based upon the actual number of tons of debris transported and disposed of off-site. Disposal tickets must be provided to verify the actual tonnage of debris disposed of at the permitted disposal facility. All segregation activities (e.g. separating waste from contaminated soil), if any, must be performed on-site.

3. Payment: Full compensation for furnishing all labor, materials, tools, and equipment necessary to demolish, load, haul, and dispose of solid waste as shown on the Contract Drawings, as specified herein, and as ordered by the Engineer.

7. *Section 02240 – Geotextile Fabric – Demarcation Barrier:*

REPLACE Paragraph 3.3 D.1 with the following:

3.3 GEOTEXTILE INSTALLATION

D. Seams and Overlaps of Geotextile:

1. All successive sheets shall be overlapped a minimum of 12 inches. All laps/butt joints shall overlap a minimum of 36 inches.

8. *Section 09910 - Waterstop:*

REPLACE Paragraphs 2.1 A and B with the following:

2.1 MATERIALS

A. Steel Sheet Pile Interlock Waterstop: Waterstop shall be Adeka Ultraseal A-30 waterstop for steel sheet pile interlocks manufactured by Adeka Ultra Seal / OCM, Inc. and distributed by Epic Sales, Inc., PO Box 77 Huntington, NY 11742 (631-692-6704).

B. Penetration Waterstop: Waterstop for penetrations, including but not limited to penetrations for ground anchor system components (trumpets), shall be Adeka Ultra Seal P-201 sealant as manufactured by Adeka Ultra Seal / OCM, Inc. and distributed by Epic Sales, Inc., PO Box 77 Huntington, NY 11742 (631-692-6704).

II. Changes to the Contract Plans

1. *Drawing EV-09:*

   The southernmost new outfall in AOC-1 was designated to include 20 lineal feet of 24-inch diameter HDPE piping at a slope of 0.5 percent. To avoid future conflicts with the anchored bulkhead system in AOC-1 by the future developer, this outfall will now include 60 lineal feet of 24-inch diameter HDPE piping at a slope of 0.5 percent. The additional cost associated with the extra 40-feet of HDPE piping and associated pipe bedding, backfill materials, and geotextile fabric shall be included under Item No. 29 of the Unit Price Bid.

2. *Drawing EV-15, Detail 7:*

   REPLACE the note for Detail 7 to indicate the following:

   An 8-inch diameter TF-1 slip-on check valve, as manufactured by TideFlex Technologies, or a Flex-Valve 4100 slip-on style rubber duck bill check valve, as manufactured by General Rubber, shall be installed on the discharge end of each new pipe connected to the existing stormwater manhole (e.g. two locations).

2. *Drawings W-17:*

   REPLACE Notes No. 1 and 2 in the notes for 'STEEL SHEET PILE INTERLOCK WATERSTOP", with the following:

   1. Waterstop shall be Adeka Ultra Seal A-30 waterstop for steel sheet pile interlocks manufactured by Adeka Ultra Seal / OCM, Inc. and distributed by Epic Sales, Inc., PO Box 77 Huntington, NY 11742 (631-692-6704).

   2. Waterstop for penetrations, including but not limited to penetrations for ground anchor system components (trumpets), shall be Adeka Ultra Seal P-201 sealant as manufactured by Adeka Ultra Seal / OCM, Inc. And distributed by Epic Sales, Inc., PO Box 77 Huntington, NY 11742 (631-692-6704).

   ADD the following Note:

   BACKFLOW PREVENTERS

   1. BACKFLOW PREVENTERS SHALL BE FLEX-VALVE 4100 SLIP-ON STYLE RUBBER DUCK-BILL CHECK VALVES AS MANUFACTURED BY GENERAL RUBBER, 11 EMPIRE BLVD, SOUTH HACKENSACK NEW JERSEY 09606 (201-641-4700).

3. *Drawings W-18 & W-19:*

   Drawings W-18 and W-19 show soil boring locations and numbers. Copies of the corresponding boring logs for soil borings B-7, B-8, B-9, B-10, B-11, B-12, WB-2, BH-1, AND BH-2 are included with Addendum No. 2 as Attachment A.

III. Clarifications to the Contract Specifications & Drawings:

1. *Agreement, Page A-6, Article 9 – Payment and Release, Paragraph c):*

   During the September 7, 2007 pre-bid meeting, inquiry was made relative to retainage. Per the draft Agreement in the Project Manual, the owner will hold five percent (5%) retainage for this project. The retainage will be maintained by the City until the project is substantially complete.

2. *Agreement, Page A-11, Article 27 – Wages and Hours of Work:*

   During the September 7, 2007 pre-bid meeting, inquiry was made relative to working overtime on the project. While the City of Poughkeepsie does not object to contractor's working overtime as long as the Contractor works within the permissible hours specified in Section 01140-Work Restrictions, it will be the responsibility of the Contractor to obtain dispensation from the New York State Department of Labor (NYSDOL) to work overtime it they choose to do so. However, no additional compensation will be paid to the Contractor for working overtime. The contractor will be paid on a unit price basis only.

3. *Specification Section 09910 - Waterstops:*

   Welding of steel sheet pile interlocks in lieu of waterstop installation is not permitted.

4. *Question Period:*

   To provide all Contractors an opportunity to review all addendums and incorporate any resulting changes into the bid, all questions regarding the Contract Documents, including all addenda, shall be submitted to Mr. Scott Smith, P.E. of Clough Harbour & Associates LLP's Syracuse, New York office no later than Friday, September 21, 2007. Contact Information for Scott Smith is as follows:

Address:	Clough Harbour & Associates LLP	Phone:	(315) 471-3920
	441 South Salina Street	Fax:	(315) 471-3569
	Syracuse, New York	e-mail:	ssmith@cha-llp.com

CERTIFICATION: Please complete and sign below and fax this sheet to Scott M. Smith, P.E. at (315) 471-3569 to certify that you have received this addendum. Include a copy of this addendum with your sealed bid. Failure to include this addendum (with all attachments) with your bid may disqualify your bid from being considered.

Name (Print): _____

Firm: _____

Address: _____

Phone: _____ **Fax:** _____

Signature: _____

Addendum No. 2

Attachment A

Additional Boring Logs

HARDIMAN CO. & ASSOC. 10 Fox Hunt Road SHELTON, CT 06484	CLIENT: Ocean & Costal Consultants	SHEET 1 OF 2 HOLE NO. B-7
CONTRACTOR	PROJECT NO. O-60	LINE
FOREMAN - DRILLER TH, III	PROJECT NAME Poughkeepsie Waterfront Project	STATION
INSPECTOR	LOCATION Poughkeepsie, NY.	OFFSET

GROUND WATER OBSERVATIONS
AT 3.0 FT. AFTER 0 HOURS
AT ____ FT. AFTER ____ HOURS

	CASING	SAMPLER	CORE BAR.
TYPE	HSA	SS	
SIZE I.D.	3½"	1 3/8"	
HAMMER WT.		140	BIT.
HAMMER FALL		30"	

Date Start 11/10 Date Fin. 11/10/0(
SURFACE ELEV Exist. Grnd.
GROUND WATER ELEV. -3.0

DEPTH	CASING BLOWS PER FOOT	SAMPLE NO.	SAMPLE TYPE	SAMPLE PEN.	SAMPLE REC.	SAMPLE DEPTH @ BOT.	BLOWS PER 6" ON SAMPLER (FORCE ON TUBE) 0-6	6-12	12-18	18-24	STRATA CHANGE DEPTH ELEV.	FIELD IDENTIFICATION OF SOIL, REMARKS INCL. COLOR, LOSS OF WASH WATER, SEAMS IN ROCK, ETC.
		1	ss	2.0	1.0	2.0	7	9	9	10		Black f/c sand & gravel. fill.
5											5.5	
		2	ss	2.0	0.8	7.0	6	3	5	2		Brown organic silt, some gravel, fill.
											8.0	
												Gray coarse sand & gravel, fill.
10		3	ss	2.0	1.5	12.0	2	5	8	5		
15		4	ss	2.0	1.0	17.0	5	6	6	4		
20		5	ss	2.0	1.0	22.0	3	3	5	7		
25		6	ss	2.0	0.8	27.0	4	6	4	6		
30		7	ss	2.0	0.2	32.0	5	4	4	5		
35		8	ss	2.0	0.1	37.0	6	5	3	3		
											38.0	
												Gray organic silt.

GROUND SURFACE TO ____ FT. USED ____ " CASING THEN ____ " CASING TO ____ FT.

HOLE NO. B-7

D = DRY W = WASHED C = CORED P = PIT A = AUGER UP = UNDISTURBED PISTON
UB = UNDISTURBED BALL CHECK T = THINWALL V = VANE TEST

PROPORTIONS USED: TRACE = 0-10%, LITTLE = 10-20%, SOME = 20-35%, AND = 35-50%

HARDIMAN CO. & ASSOC. 10 Fox Hunt Road SHELTON, CT 06484	CLIENT: Ocean & Costal Consultants	SHEET 2 OF 2 HOLE NO. B-7
CONTRACTOR	PROJECT NO. 0-60	LINE
FOREMAN - DRILLER TH, III	PROJECT NAME Poughkeepsie Waterfront Project	STATION
INSPECTOR	LOCATION Poughkeepsie, NY.	OFFSET

GROUND WATER OBSERVATIONS		CASING	SAMPLER	CORE BAR.	
AT ____ FT. AFTER ____ HOURS	TYPE	HSA	SS		Date Start 11/10 Date Fin. 11/10/0
AT ____ FT. AFTER ____ HOURS	SIZE I.D.	3½"	1 3/8"		SURFACE ELEV Exist. Grnd
	HAMMER WT.		140	BIT.	GROUND WATER ELEV. -3.0
	HAMMER FALL		30"		

DEPTH	CASING BLOWS PER FOOT	SAMPLE NO.	SAMPLE TYPE	SAMPLE PEN.	SAMPLE REC.	SAMPLE DEPTH @ BOT.	BLOWS PER 6" ON SAMPLER (FORCE ON TUBE) 0-6	6-12	12-18	18-24	STRATA CHANGE DEPTH ELEV.	FIELD IDENTIFICATION OF SOIL, REMARKS INCL. COLOR, LOSS OF WASH WATER, SEAMS IN ROCK, ETC.
40		9	ss	2.0	2.0	42.0	3	2	1	2		Gray organic silt.
											45.0	
45		10	ss	2.0	2.0	47.0	1	1	1	2		Gray clay.
50		11	ss	2.0	1.0	52.0	1	0	1	1	52.0	
												E.O.B.
55												
60												
65												
70												
75												

GROUND SURFACE TO ____ FT., USED ____" CASING THEN ____" CASING TO ____ FT.

HOLE NO. B-7

D = DRY W = WASHED C = CORED P = PIT A = AUGER UP = UNDISTURBED PISTON
UB = UNDISTURBED BALL CHECK T = THINWALL V = VANE TEST

PROPORTIONS USED: TRACE = 0-10%, LITTLE = 10-20%, SOME = 20-35%, AND = 35-50%

HARDIMAN CO. & ASSOC. 10 Fox Hunt Road SHELTON, CT 06484	CLIENT: Ocean & Costal Consultants	SHEET 1 OF 1 HOLE NO. B-8
CONTRACTOR	PROJECT NO. 0-60	LINE
FOREMAN -DRILLER TH, III	PROJECT NAME Poughkeepsie Waterfront Project	STATION
INSPECTOR	LOCATION Poughkeepsie, NY.	OFFSET

GROUND WATER OBSERVATIONS
AT 9.0 FT. AFTER 0 HOURS
AT (tidal) FT. AFTER ____ HOURS

	CASING	SAMPLER	CORE BAR.
TYPE	HSA	SS	
SIZE I.D.	3½"	1 3/8"	
HAMMER WT.		140	BIT.
HAMMER FALL		30"	

Date Start 11/21 Date Fin. 11/21/0
SURFACE ELEV Exist.Grnd.
GROUND WATER ELEV. -9.0

DEPTH	CASING BLOWS PER FOOT	SAMPLE NO.	SAMPLE TYPE	SAMPLE PEN.	SAMPLE REC.	SAMPLE DEPTH @ BOT.	BLOWS PER 6" ON SAMPLER (FORCE ON TUBE) 0-6	6-12	12-18	18-24	STRATA CHANGE DEPTH ELEV.	FIELD IDENTIFICATION OF SOIL. REMARKS INCL. COLOR, LOSS OF WASH WATER, SEAMS IN ROCK, ETC.
											0.8	Topsoil.
		1	ss	2.0	1.0	2.0	3	5	7	7		Brown m/f sand & silt.
											4.0	
5		2	ss	0.0	0.0	5.0	50					Brown f/c sand, gravel, cobble & boulder, fill.
											9.0	
10												Gray organic silt & cobbles, fil
		3	ss	2.0	0.5	12.0	1	1	2	3		
											15.0	
15												Gray clay & gravel.
		4	ss	2.0	0.8	17.0	3	4	4	5		
											19.0	
20												Broken rock, some gray silt.
		5	ss	2.0	0.8	22.0	12	25	12	13		
25												
		6	ss	2.0	1.5	27.0	15	10	10	8	27.0	
												E.O.B.
30												
35												
40												

GROUND SURFACE TO ____ FT.. USED ____" CASING THEN ____" CASING TO ____ FT.

HOLE NO. B-8

D=DRY W=WASHED C=CORED P=PIT A=AUGER UP=UNDISTURBED PISTON
UD=UNDISTURBED BALL CHECK T=THINWALL V=VANE TEST

PROPORTIONS USED: TRACE = 0-10%, LITTLE = 10-20%, SOME = 20-35%, AND = 35-50%

HARDIMAN CO. & ASSOC. 10 Fox Hunt Road SHELTON, CT 06484	CLIENT: Ocean & Costal Consultants	SHEET 1 OF 1 HOLE NO. B-9
CONTRACTOR	PROJECT NO. O-60	LINE
FOREMAN - DRILLER TH, III	PROJECT NAME Poughkeepsie Waterfront Project	STATION
INSPECTOR	LOCATION Poughkeepsie, NY.	OFFSET

GROUND WATER OBSERVATIONS
AT 7.0 (tidal) FT. AFTER 0 HOURS
AT ____ FT. AFTER ____ HOURS

	CASING	SAMPLER	CORE BAR.
TYPE	HSA	SS	
SIZE I.D.	3½"	1 3/8"	
HAMMER WT.		140	BIT.
HAMMER FALL		30"	

Date Start 11/21 Date Fin. 11/21/0
SURFACE ELEV Exist.Grnd.
GROUND WATER ELEV. -7.0 (tidal)

DEPTH	CASING BLOWS PER FOOT	SAMPLE NO.	SAMPLE TYPE	SAMPLE PEN.	SAMPLE REC.	SAMPLE DEPTH @ BOT.	BLOWS PER 6" ON SAMPLER (FORCE ON TUBE) 0-6	6-12	12-18	18-24	STRATA CHANGE DEPTH ELEV.	FIELD IDENTIFICATION OF SOIL, REMARKS INCL. COLOR, LOSS OF WASH WATER, SEAMS IN ROCK, ETC.
		1	ss	2.0	1.0	2.0	3	5	6	4		Black f/c sand & gravel, fill.
											5.0	
5		2	ss	2.0	1.0	7.0	5	3	2	2		Red silt, some gravel, fill.
10											11.0	
		3	ss	2.0	1.5	12.0	3	2	4	4		Gray m/f sand.
											13.0	
												Gray clay, trace shells.
15		4	ss	2.0	1.5	17.0	3	3	3	3		
20		5	ss	2.0	1.5	22.0	2	3	2	3	22.0	
												E.O.B.
25												
30												
35												
40												

GROUND SURFACE TO ____ FT., USED ____" CASING THEN ____" CASING TO ____ FT.

HOLE NO. B-9

D: DRY W: WASHED C: CORED P: PIT A: AUGER UP: UNDISTURBED PISTON
UB: UNDISTURBED BALL CHECK T: THINWALL V: VANE TEST

PROPORTIONS USED: TRACE = 0-10%, LITTLE = 10-20%, SOME = 20-35%, AND = 35-50%

HARDIMAN CO. & ASSOC. 10 Fox Hunt Road SHELTON, CT 06484	CLIENT: Ocean & Costal Consultants	SHEET 1 OF 1 HOLE NO. B-10
CONTRACTOR	PROJECT NO. 0-60	LINE
FOREMAN - DRILLER TH, III	PROJECT NAME Poughkeepsie Waterfront Project	STATION
INSPECTOR	LOCATION Poughkeepsie, NY.	OFFSET

GROUND WATER OBSERVATIONS
AT 3.5 FT. AFTER 0 HOURS
AT ____ FT. AFTER ____ HOURS

	CASING	SAMPLER	CORE BAR.
TYPE	HSA	SS	
SIZE I.D.	3½"	1 3/8"	
HAMMER WT.		140	BIT.
HAMMER FALL		30"	

Date Start 11/15 Date Fin. 11/15/0
SURFACE ELEV Exist. Grnd.
GROUND WATER ELEV. -3.5 (tidal)

DEPTH	CASING BLOWS PER FOOT	SAMPLE NO.	SAMPLE TYPE	SAMPLE PEN.	SAMPLE REC.	SAMPLE DEPTH @ BOT.	BLOWS PER 6" ON SAMPLER (FORCE ON TUBE) 0-6	6-12	12-18	18-24	STRATA CHANGE DEPTH ELEV.	FIELD IDENTIFICATION OF SOIL, REMARKS INCL. COLOR, LOSS OF WASH WATER, SEAMS IN ROCK, ETC.
											0.3	Topsoil.
		1	ss	2.0	1.5	2.0	1	3	4	5		Brown & black f/c sand, gravel, wood & rubble, fill.
5												
		2	ss	2.0	0.0	7.0	0	0	1	1		
10												
		3	ss	2.0	0.5	12.0	3	4	3	7		
											13.0	
												Wood (possible piling)
15												
		4	ss	2.0	1.5	17.0	26	15	14	13		
											18.0	
												Gray m/f sand & wood, fill.
20												
		5	ss	2.0	0.5	22.0	4	5	3	4	22.0	
												Gray clay, trace shell fragments
25												
		6	ss	2.0	2.0	27.0	2	3	2	4	27.0	
												E.O.B.
30												
35												
40												

GROUND SURFACE TO ____ FT. USED ____" CASING THEN ____" CASING TO ____ FT.

HOLE NO. B-10

D = DRY W = WASHED C = CORED P = PIT A = AUGER UP = UNDISTURBED PISTON
UB = UNDISTURBED BALL CHECK T = THINWALL V = VANE TEST

HARDIMAN CO. & ASSOC. 10 Fox Hunt Road SHELTON, CT 06484	CLIENT: Ocean & Costal Consultants	SHEET 1 OF 2 HOLE NO. B-11
CONTRACTOR	PROJECT NO. O-60	LINE
FOREMAN-DRILLER TH, III	PROJECT NAME Poughkeepsie Waterfront Project	STATION
INSPECTOR	LOCATION Poughkeepsie, NY.	OFFSET

GROUND WATER OBSERVATIONS
AT 4.0 FT. AFTER 0 HOURS
AT ____ FT. AFTER ____ HOURS

	CASING	SAMPLER	CORE BAR.
TYPE	HSA	SS	
SIZE I.D.	3¼"	1 3/8"	
HAMMER WT.		140	BIT.
HAMMER FALL		30"	

Date Start 11/13 Date Fin 11/13/0C
SURFACE ELEV Exist. Grnd.
GROUND WATER ELEV. -4.0

DEPTH	CASING BLOWS PER FOOT	SAMPLE NO.	SAMPLE TYPE	SAMPLE PEN.	SAMPLE REC.	SAMPLE DEPTH @ BOT.	BLOWS PER 6" ON SAMPLER (FORCE ON TUBE) 0-6	6-12	12-18	18-24	STRATA CHANGE DEPTH ELEV.	FIELD IDENTIFICATION OF SOIL, REMARKS INCL. COLOR, LOSS OF WASH WATER, BEANS IN ROCK, ETC.
		1	ss	2.0	1.0	2.0	14	7	9	22		Brown & black f/c sand & gravel, some metal debris, fill.
5		2	ss	0.5	0.5	5.5	100					
10		3	ss	2.0	1.0	12.0	16	18	14	7	13.0	
												Gray clay, trace shell fragments.
15		4	ss	2.0	2.0	17.0	3	3	3	4		
20		5	ss	2.0	2.0	22.0	3	3	3	3		
25		6	ss	2.0	2.0	27.0	2	2	3	4		
30		7	ss	2.0	2.0	32.0	3	3	3	3		
35		8	ss	2.0	2.0	37.0	3	3	3	3		

GROUND SURFACE TO ____ FT.. USED ____" CASING THEN ____" CASING TO ____ FT.

HOLE NO. B-11

D = DRY W = WASHED C = CORED P = PIT A = AUGER UP = UNDISTURBED PISTON
UB = UNDISTURBED BALL CHECK T = THINWALL V = VANE TEST

PROPORTIONS USED: TRACE = 0-10%, LITTLE = 10-20%, SOME = 20-35%, AND = 35-50%

HARDIMAN CO. & ASSOC. 10 Fox Hunt Road SHELTON, CT 06484	CLIENT: Ocean & Costal Consultants	SHEET 2 OF 2 HOLE NO. B-11
CONTRACTOR	PROJECT NO. 0-60	LINE
FOREMAN - DRILLER TH, III	PROJECT NAME Poughkeepsie Waterfront Project	STATION
INSPECTOR	LOCATION Poughkeepsie, NY.	OFFSET

GROUND WATER OBSERVATIONS
AT ____ FT. AFTER ____ HOURS
AT ____ FT. AFTER ____ HOURS

	CASING	SAMPLER	CORE BAR.
TYPE	HSA	SS	
SIZE I.D.	3½"	1 3/8"	
HAMMER WT.		140	BIT.
HAMMER FALL		30"	

Date Start 11/13 Date Fin. 11/13/0(
SURFACE ELEV Exist. Grnd
GROUND WATER ELEV. -4.0

DEPTH	CASING BLOWS PER FOOT	SAMPLE NO.	SAMPLE TYPE	SAMPLE PEN.	SAMPLE REC.	SAMPLE DEPTH @ BOT.	BLOWS PER 6" ON SAMPLER (FORCE ON TUBE) 0-6	6-12	12-18	18-24	STRATA CHANGE DEPTH ELEV.	FIELD IDENTIFICATION OF SOIL, REMARKS INCL. COLOR, LOSS OF WASH WATER, SEAMS IN ROCK, ETC.
40		9	ss	2.0	2.0	42.0	2	2	2	3		Gray clay.
45		10	ss	2.0	2.0	47.0	2	3	2	3		
50		11	ss	2.0	2.0	52.0	2	2	4	7	52.0	E.O.B.
55												
60												
65												
70												
75												

GROUND SURFACE TO ____ FT. USED ____" CASING THEN ____" CASING TO ____ FT.

HOLE NO. B-11

D = DRY W = WASHED C = CORED P = PIT A = AUGER UP = UNDISTURBED PISTON
UB = UNDISTURBED BALL CHECK T = THINWALL V = VANE TEST

PROPORTIONS USED: TRACE = 0-10%, LITTLE = 10-20%, SOME = 20-35%, AND = 35-50%

HARDIMAN CO. & ASSOC. 10 Fox Hunt Road SHELTON, CT 06484	CLIENT: Ocean & Costal Consultants	SHEET 1 OF 1 HOLE NO. B-12
TRACTOR	PROJECT NO. O-60	LINE
FOREMAN - DRILLER TH, III & AS	PROJECT NAME Poughkeepsie Waterfront Project	STATION
INSPECTOR	LOCATION Poughkeepsie, NY.	OFFSET

GROUND WATER OBSERVATIONS		CASING	SAMPLER	CORE BAR.	
AT 5.0 FT. AFTER 24 HOURS	TYPE	HSA	SS		Date Start 11/13/90 Date Fin. 11/15/
AT ____ FT. AFTER ____ HOURS	SIZE I.D.	3½"	1 3/8"		SURFACE ELEV Exist.Grnd.
	HAMMER WT.		140	BIT.	GROUND WATER ELEV. -5.0 (tidal)
	HAMMER FALL		30"		

DEPTH	CASING BLOWS PER FOOT	SAMPLE NO.	SAMPLE TYPE	SAMPLE PEN.	SAMPLE REC.	SAMPLE DEPTH @ BOT.	BLOWS PER 6" ON SAMPLER (FORCE ON TUBE) 0-6	6-12	12-18	18-24	STRATA CHANGE DEPTH ELEV.	FIELD IDENTIFICATION OF SOIL, REMARKS INCL. COLOR, LOSS OF WASH WATER, BEANS IN ROCK, ETC.
											0.2	Topsoil.
		1	ss	2.0	1.0	2.0	4	9	9	7		Brown sand, gravel & brick, fill.
5												
		2	ss	2.0	1.0	7.0	2	2	4	4	8.0	Brown f/c sand, gravel, silt & slag, fill.
												Black f/c sand & gravel, fill. (Strong odor of petroleum)
10												
		3	ss	2.0	0.5	12.0	1	1	2	2		
											15.0	
15											16.5	Gray clay & gravel,
		4	ss	2.0	1.0	17.0	1	2	4	2		Gray clay.
20												
		5	ss	2.0	1.0	22.0	1	2	1	2	22.0	
												E.O.B.
25												
30												
35												
40												

GROUND SURFACE TO ____ FT.. USED ____ " CASING THEN ____ " CASING TO ____ FT.

HOLE NO. B-12

D = DRY W = WASHED C = CORED P = PIT A = AUGER UP = UNDISTURBED PISTON
UB = UNDISTURBED BALL CHECK T = THINWALL V = VANE TEST

Form HD-2 10/80 B.B.

HARDIMAN CO. & ASSOC. 10 Fox Hunt Road SHELTON, CT 06484	CLIENT: Ocean & Costal Consultants	SHEET 1 OF 2 HOLE NO. WB-2
CONTRACTOR	PROJECT NO. O-60	LINE
FOREMAN - DRILLER TH, III	PROJECT NAME Poughkeepsie Waterfront Project	STATION
INSPECTOR	LOCATION Poughkeepsie, NY.	OFFSET

GROUND WATER OBSERVATIONS
AT ____ FT. AFTER ____ HOURS
AT ____ FT. AFTER ____ HOURS

	CASING	SAMPLER	CORE BAR.
TYPE	FJ	SS	
SIZE I.D.	2½"	1 3/8"	
HAMMER WT.	300	140	BIT.
HAMMER FALL	24"	30"	

Date Start 11/16 Date Fin. 11/16/00
SURFACE ELEV See Note
GROUND WATER ELEV. Tidal

DEPTH	CASING BLOWS PER FOOT	SAMPLE NO.	SAMPLE TYPE	SAMPLE PEN.	SAMPLE REC.	SAMPLE DEPTH @ BOT.	BLOWS PER 6" ON SAMPLER (FORCE ON TUBE) 0-6	6-12	12-18	18-24	STRATA CHANGE DEPTH ELEV.	FIELD IDENTIFICATION OF SOIL, REMARKS INCL. COLOR, LOSS OF WASH WATER, SEAMS IN ROCK, ETC.
		1	ss	2.0	1.0	2.0	wor	wor	1	1		Black organic silt, trace sand. Note: Mud line 14.1' deep @ 11.45 AM.
5											6.0	
		2	ss	2.0	1.0	7.0	1	2	1	1		Gray clay
10		3	ss	2.0	1.5	12.0	2	2	3	2		
15											15.0	
		4	ss	2.0	1.5	17.0	1	1	2	2		Gray clay, trace fine sand, trace roots.
20		5	ss	2.0	1.0	22.0	1	1	1	1		
25		6	ss	2.0	2.0	27.0	2	2	1	2		
30		7	ss	2.0	1.5	32.0	3	4	4	4		
35											35.0	
		8	ss	2.0	1.5	37.0	29	34	34	40		Gray silt, some fine sand, trace gravel.
40												

GROUND SURFACE TO ____ FT., USED ____" CASING THEN ____" CASING TO ____ FT.

HOLE NO. WB-2

D = DRY W = WASHED C = CORED P = PIT A = AUGER UP = UNDISTURBED PISTON
UB = UNDISTURBED BALL CHECK T = THINWALL V = VANE TEST

PROPORTIONS USED: TRACE = 0-10%, LITTLE = 10-20%, SOME = 20-35%, AND = 35-50%

HARDIMAN CO. & ASSOC. 10 Fox Hunt Road SHELTON, CT 06484	CLIENT: Ocean & Costal Consultants	SHEET 2 OF 2 HOLE NO. WB-2
CONTRACTOR	PROJECT NO. 0-60	LINE
FOREMAN-DRILLER TH, III	PROJECT NAME Poughkeepsie Waterfront Project	STATION
INSPECTOR	LOCATION Poughkeepsie, NY.	OFFSET

GROUND WATER OBSERVATIONS
AT ____ FT. AFTER ____ HOURS
AT ____ FT. AFTER ____ HOURS

	CASING	SAMPLER	CORE BAR.
TYPE		SS	
SIZE I.D.		1 3/8"	
HAMMER WT.		140	BIT.
HAMMER FALL		30"	

Date Start 11/16 Date Fin. 11/16/00
SURFACE ELEV ____
GROUND WATER ELEV. Tidal

DEPTH	CASING BLOWS PER FOOT	SAMPLE NO.	SAMPLE TYPE	SAMPLE PEN.	SAMPLE REC.	SAMPLE DEPTH @ BOT.	BLOWS PER 6" ON SAMPLER (FORCE ON TUBE) 0-6	6-12	12-18	18-24	STRATA CHANGE DEPTH ELEV.	FIELD IDENTIFICATION OF SOIL, REMARKS INCL. COLOR, LOSS OF WASH WATER, SEAMS IN ROCK, ETC.
40		9	ss	2.0	2.0	42.0	20	14	16	9	40.0	Brown f/c sand & gravel, some silt.
		10	ss	0.0	0.0	44.5	100				44.5	E.O.B. Refusal.
45												
50												
55												
60												
65												
70												
75												

GROUND SURFACE TO ____ FT., USED ____" CASING THEN ____" CASING TO ____ FT.

HOLE NO. WB-2

D = DRY W = WASHED C = CORED P = PIT A = AUGER UP = UNDISTURBED PISTON
UB = UNDISTURBED BALL CHECK T = THINWALL V = VANE TEST

PROPORTIONS USED: TRACE = 0-10%, LITTLE = 10-20%, SOME = 20-35%, AND = 35-50%

Ocean and Coastal Consultants	**BORING LOG**	Boring: BH-1
		OCC Project Number: 98042.3
		Sheet: 1 of 1

Site: DeLaval Property, Poughkeepsie, NY
Client: Clough, Harbour & Associates, LLP
Coordinates: N 1,041,850; E 645,316
Drilling Contractor: Hardiman Company & Associates
Driller: Tom Hardiman, III

Date Start: 9/22/2005 **Date End:** 9/22/2005
OCC Representative: Scott Anastasio
Ground/Mudline Elev (feet): 6 **Datum:**
Total Depth Drilled (feet): 29.1
Drill Rig Type:

Methods:
Soil Drilling: 3.5 inch I.D. Hollow Stem Auger
Soil Sampling: Standard Pen Test - 24" Split Spoon
Rock Coring: None
Casing Size: None
Other:

Water Depth and Groundwater Readings

Date	Time	Flood/Ebb	Water Depth
Date	**Time**	**Casing Depth**	**Depth to Groundwater**
9/22/2005	1515		7'

Comments: (type of hammer used to drive SPT samples, indicate doughnut, safety, or automatic, also specify cathead or winch)

Elev. (feet)	Depth (feet)	Samples: Type	Samples: No.	Samples: Blows & Recovery Rock Core RQD	SPT N Value	PP (tsf)	USC Symbol	Sample Description / Visual Soil and Rock Description	Remarks
6	0							Water Depth: 7 feet at 1515 hours	El. 6
1	5	S	1	4/4/100-2" (6"/8")	104/8"		GM	Misc FILL with brick fragments, stone, gravel, concrete	
-4	10	S	2	2/3/4/3 (10"/24")	7		GM	Misc FILL with peat, silt, topsoil, and sand (FILL)	El. -7
-9	15	S	3	1/2/3/3 (8"/24")	5		ML/OL	Soft dark gray organic clayey SILT with shell specs	
-14	20	S	4	3/3/5/5 (20"/24")	8		ML/OL	Soft to medium stiff, dark gray organic clayey SILT	
-19	25	S	5	4/4/7/8 (24"/24")	11		ML/CL	Soft to medium stiff, dark gray clayey SILT (ORGANIC SILT)	El. -23
-23.4	29.4	S	6	100-1" (1"/1")	100/1"			Weathered Bedrock Auger encountered assumed Weathered Bedrock at 29.0 feet Auger and split spoon refusal at 29.5 feet End of Boring at 29.5'	El. -23.5

Remarks: Boring moved 3' east after auger refusal at 7' on misc fill consisting of concrete and debris.

Legend/Notes:

- ▮ = Indicates location of samples
- Blows = Number of blows required to drive 2" O.D. SPT sampler using 140 pound hammer falling 30" are recorded for each 6" increment for either 18" or 24".
- (6"/24") = First number is length of recovery in sampler or in core barrel, second number is total length of sampling effort.
- RQD = Rock Quality Designation (sum of the lengths of core segments that are greater than 4" in length divided by the length of the core run attempted)
- SPT = Standard Penetration Test resistance to driving (sum of the second and third 6" increments), blows/foot.
- USC = Unified Soil Classification System symbol.

Sample Type:
S = Split Spoon Sample
C = Rock Core Sample (double tube)
T = Thin walled tube sample
PP= Pocket Penetrometer Reading (tsf)

Boring: BH-1

Ocean and Coastal Consultants	**BORING LOG**	**Boring:** BH-2
		OCC Project Number: 98042.3
		Sheet: 1 of 2

Site: DeLaval Property, Poughkeepsie, NY
Client: Clough, Harbour & Associates, LLP
Coordinates: N 1,043,335; E 645,078
Drilling Contractor: Hardiman Company & Associates
Driller: Tom Hardiman, III

Date Start: 9/22/2005 **Date End:** 9/22/2005
OCC Representative: Scott Anastasio
Ground/Mudline Elev (feet): 7 **Datum:**
Total Depth Drilled (feet): 29.1
Drill Rig Type:

Methods:
Soil Drilling: 3.5 inch I.D. Hollow Stem Auger
Soil Sampling: Standard Pen Test - 24" Split Spoon
Rock Coring: None
Casing Size: None
Other:

Water Depth and Groundwater Readings

Date	Time	Flood/Ebb	Water Depth

Date	Time	Casing Depth	Depth to Groundwater
9/22/2005	1100		12'

Comments: (type of hammer used to drive SPT samples, indicate doughnut, safety, or automatic, also specify cathead or winch)

Elev. (feet)	Depth (feet)	Samples: Type	Samples: No.	Samples: Blows & Recovery Rock Core RQD	SPT N Value	PP (tsf)	USC Symbol	Sample Description / Visual Soil and Rock Description	Remarks
7	0							Water Depth: 12 feet at 1100 hours	El. 7
								Augered through three feet of concrete and two feet of brown gravelly SAND	
2	5	S	1	16/22/7/11 (15"/24")	29		GM	Medium dense to dense, brown gravelly SAND	
-3	10	S	2	9/8/8/15 (8"/24")	16		GM	Medium dense brown silty fine SAND, some gravel	
-8	15	S	3	2/6/6/22 (8"/24")	12		ML/OL	Dark gray orgainic SILT with common wood fragments (FILL)	El. -11
-13	20	S	4	6/3/4/6/ (18"/24")	7		ML/OL	Soft to medium stiff, dark gray organic clayey SILT	
-18	25	S	5	3/5/4/7 (24"/24")	9		ML/OL	Medium stiff, dark gray organic clayey SILT, trace shell fragments	
-23.0	30	S	6	2/4/6/7 (24"/24")	10		ML/CL	Medium stiff, dark gray organic clayey SILT (ORGANIC SILT)	

Remarks:

Legend/Notes:
- ▮ = Indicates location of samples
- Blows = Number of blows required to drive 2" O.D. SPT sampler using 140 pound hammer falling 30" are recorded for each 6" increment for either 18" or 24".
- (6"/24") = First number is length of recovery in sampler or in core barrel, second number is total length of sampling effort.
- RQD = Rock Quality Designation (sum of the lengths of core segments that are greater than 4" in length divided by the length of the core run attempted)
- SPT = Standard Penetration Test resistance to driving (sum of the second and third 6" increments), blows/foot.
- USC = Unified Soil Classification System symbol.

Sample Type:
- S = Split Spoon Sample
- C = Rock Core Sample (double tube)
- T = Thin walled tube sample

PP = Pocket Penetrometer Reading (tsf)

Boring: BH-2

Ocean and Coastal Consultants	**BORING LOG**	**Boring:** BH-2 **OCC Project Number:** 98042.3 **Sheet:** 2 of 2

Site: DeLaval Property **OCC Representative:** Scott Anastasio

Comments:

Elev. (feet)	Depth (feet)	Samples: Type	Samples: No.	Samples: Blows & Recovery Rock Core RQD	SPT N Value	PP (tsf)	Ground/Mud	Sample Description / Visual Soil and Rock Description	Remarks
-28	35	S	7	3/3/5/7 (24"/24")	8		ML/CL	Medium stiff, dark gray organic clayey SILT	
								(ORGANIC SILT)	
-33	40	S	8	3/4/7/7 (24"/24")	11		ML/CL	Medium stiff, dark gray organic clayey SILT	
									El. -35
								End of Boring at 42'	
-38	45								
-43	50								
-48	55								
-53	60								
-58	65								
-63	70								
-68	75								
-73	80								

Remarks:

Note: See Sheet 1 for Boring Summary and Ledgend and Notes.

Addendum No. 2

Attachment B

Revised Bid Form

BID FORM

PROJECT IDENTIFICATION: The DeLaval Property – Environmental Restoration Project

CONTRACT IDENTIFICATION AND NUMBER: 09-06-27

THIS BID IS SUBMITTED TO:
(Name and Address of Owner) The City of Poughkeepsie
62 Civic Center Plaza - P.O. Box 300
Poughkeepsie, New York 12602-0300

1. The undersigned BIDDER proposes and agrees, if this Bid is accepted, to enter into an agreement with OWNER in the form included in the Contract Documents to perform and furnish all Work as specified or indicated in the Contract Documents for the Bid Price and within the Bid Times indicted in this Bid and in accordance with the other terms and conditions of the Contract Documents.

2. BIDDER accepts all of the terms and conditions of the Advertisement or Notice to Bidders and Instructions to Bidders, including without limitation those dealing with the disposition of Bid security. This Bid will remain subject to acceptance for forty-five (45) days after the day of Bid opening. BIDDER will sign and deliver the required number of counterparts of the Agreement with the Bonds and other documents required by the Bidding Requirements within fifteen days after the date of OWNER's Notice of Award.

3. In submitting this Bid, BIDDER represents as more fully set forth in the Agreement, that:

   a. BIDDER has examined and carefully studied the Bidding Documents and the following Addenda receipt of all which is hereby acknowledged: (List Addenda by Addendum Number and Date)

   _____

   _____

   _____

   _____

   _____

   _____

   b. BIDDER has visited the site and become familiar with and is satisfied as to the general, local, and site conditions that may affect cost, progress, performance, and furnishing of the Work.

   c. BIDDER is familiar with and is satisfied as to all federal, state, and local Laws and Regulations that may affect cost, progress, performance, and furnishing of the Work.

d. BIDDER has carefully studied all reports of explorations and tests of subsurface conditions at or contiguous to the site and all drawings of physical conditions in or relating to existing surface or subsurface structures at or contiguous to the site (except underground facilities) which have been identified in the Supplementary Conditions as provided in paragraph 4.2.1 of the General Conditions. BIDDER accepts the determination set forth in paragraph SC-4.2 of the Supplementary Conditions of the extent of the "technical data" contained in such reports and drawings upon which BIDDER is entitled to rely as provided in paragraph 4.2 of the General Conditions. BIDDER acknowledges that such reports and drawings are not Contract Documents and may not be complete for BIDDER's purposes. BIDDER acknowledges that OWNER and ENGINEER do not assume responsibility for the accuracy or completeness of information and data shown or indicted in the Bidding Documents with respect to underground facilities at or contiguous to the site. BIDDER has obtained and carefully studied (or assumes responsibility for having done so) all such additional or supplementary examinations, investigations, explorations, tests, studies, and data concerning conditions (surface, subsurface, and underground facilities) at or contiguous to the site or otherwise which may affect cost progress, performance or furnishing of the Work or which relate to any aspect of the means, methods, techniques, sequences, and procedures of construction to be employed by BIDDER and safety precautions and programs incident thereto. BIDDER does not consider that any additional examinations, investigations, explorations, tests, studies or data are necessary for the determination of this Bid for performance and furnishing of the Work in accordance with the times, price, and other terms and conditions of the Contract Documents.

e. BIDDER is aware of the general nature of Work to be performed by OWNER and others at the site that relates to Work for which this Bid is submitted as indicated in the Contract Documents.

f. BIDDER has correlated the information known to BIDDER, information and observation obtained from visits to the site, reports and drawings identified in the Contract Documents and all additional examinations, investigations, explorations, tests, studies, and data with the Contract Documents.

g. BIDDER has given ENGINEER written notice of all conflicts, errors, ambiguities or discrepancies that BIDDER has discovered in the Contract Documents and the written resolution thereof by ENGINEER is acceptable to BIDDER, and the Contract Documents are generally sufficient to indicate and convey understanding of all terms and conditions for performing and furnishing the Work for which this Bid is submitted.

h. This Bid is genuine and not made in the interest of or on behalf of any undisclosed person, firm, or corporation and is not submitted in conformity with any agreement or rules of any group, association, organization, or corporation; BIDDER has not directly or indirectly induced or solicited any other BIDDER to submit a false or sham Bid; BIDDER has not solicited or induced any person, firm or corporation to refrain from bidding; and BIDDER has not sought by collusion to obtain for itself any advantage over any other BIDDER or over OWNER.

i. BIDDER understands that no cost escalation is permitted within the Contract Documents.

4. BIDDER will complete the Work in accordance with the Contract Documents for the following price(s):

** Complete Summary Table on Following Pages **

Alternative A (add)(deduct) _____ ($)
Alternative B (add)(deduct) _____ ($)

TOTAL BID FOR ALL UNIT PRICES _____ ($)
(use words) (figures)

UNIT PRICE BID
BID SUMMARY FORM

ITEM NUMBER	ESTIMATE OF QUANTITIES	ITEMS WITH UNIT BID PRICE WRITTEN IN WORDS	UNIT PRICE BID		AMOUNT OF BID	
			DOLLARS	CENTS	DOLLARS	CENTS
1	1	Mobilization/Demobilization For: _____ _____ Per Lump Sum				
2	1	Health & Safety For: _____ _____ Per Lump Sum				
3	1	Construction of Decontamination Pad For: _____ _____ Per Lump Sum				
4	1	Stabilized Construction Entrance For: _____ _____ Per Lump Sum				

ITEM NUMBER	ESTIMATE OF QUANTITIES	ITEMS WITH UNIT BID PRICE WRITTEN IN WORDS	UNIT PRICE BID		AMOUNT OF BID	
			DOLLARS	CENTS	DOLLARS	CENTS
5	4,200	Silt Fence For: _____ _____ Per Linear Foot				
6	1,000	Install & Relocate Turbidity Curtain For: _____ _____ Per Linear Foot				
7	2	Temporary Chain Link Fence Gate For: _____ _____ Per Each				
8	165	Temporary Chain Link Fence For: _____ _____ Per Linear Foot				

ITEM NUMBER	ESTIMATE OF QUANTITIES	ITEMS WITH UNIT BID PRICE WRITTEN IN WORDS	UNIT PRICE BID		AMOUNT OF BID	
			DOLLARS	CENTS	DOLLARS	CENTS
9	28	Waste Characterization Soil Samples For: _____ _____ Per Each				
10	1	Removal of Existing Swing Gate For: _____ _____ Per Lump Sum				
11	1	Removal Flag Pole & Metal Antenna For: _____ _____ Per Lump Sum				
12	1	Remove Utility Poles & Associated Equipment For: _____ _____ Per Lump Sum				

ITEM NUMBER	ESTIMATE OF QUANTITIES	ITEMS WITH UNIT BID PRICE WRITTEN IN WORDS	UNIT PRICE BID		AMOUNT OF BID	
			DOLLARS	CENTS	DOLLARS	CENTS
13	1	Salvage Monument For: _____ _____ Per Lump Sum				
14	1,900	Remove & Recycle Concrete For: _____ _____ Per Cubic Yard				
15	12.5	Clearing & Grubbing For: _____ _____ Per Acre				
16	1	Clearing Rock Outcropping For: _____ _____ Per Lump Sum				

ITEM NUMBER	ESTIMATE OF QUANTITIES	ITEMS WITH UNIT BID PRICE WRITTEN IN WORDS	UNIT PRICE BID		AMOUNT OF BID	
			DOLLARS	CENTS	DOLLARS	CENTS
17	15	Protection of Tree Root Systems For: _____ _____ Per Each				
18	7	Monitoring Well Abandonment For: _____ _____ Per Each				
19	155	2” Waterline Removal For: _____ _____ Per Linear Foot				
20	1	4” Pipe Outfall Abandonment For: _____ _____ Per Each				

ITEM NUMBER	ESTIMATE OF QUANTITIES	ITEMS WITH UNIT BID PRICE WRITTEN IN WORDS	UNIT PRICE BID		AMOUNT OF BID	
			DOLLARS	CENTS	DOLLARS	CENTS
21	4	8” and 12” Pipe Outfall/Intake Abandonment For: _____ _____ Per Each				
22	1	Excavate & Remove 6” Fuel Oil Pipeline For: _____ _____ Per Lump Sum				
23	1	Excavate, Clean, Remove & Dispose UST For: _____ _____ Per Lump Sum				
24	10,000	Excavate Soil & Stockpile for Reuse For: _____ _____ Per Cubic Yard				

ITEM NUMBER	ESTIMATE OF QUANTITIES	ITEMS WITH UNIT BID PRICE WRITTEN IN WORDS	UNIT PRICE BID		AMOUNT OF BID	
			DOLLARS	CENTS	DOLLARS	CENTS
25	35,500	Excavate Grossly-Contaminated Soils for Off-Site Disposal For: _____ _____ Per Ton				
26	24	Confirmatory Soil Samples For: _____ _____ Per Each				
27	12,400	Place & Compact On-Site Soils & Recycled Concrete For: _____ _____ Per Cubic Yard				
28	18,000	Place & Compact Imported Clean Fill For: _____ _____ Per Cubic Yard				

ITEM NUMBER	ESTIMATE OF QUANTITIES	ITEMS WITH UNIT BID PRICE WRITTEN IN WORDS	UNIT PRICE BID		AMOUNT OF BID	
			DOLLARS	CENTS	DOLLARS	CENTS
29	5	Install 24” HDPE Pipe & Outfall For: _____ _____ Per Each				
30	1	Install 36” HDPE Pipe & Outfall For: _____ _____ Per Each				
31	12	Weep Hole Extensions For: _____ _____ Per Each				
32	586	Install 8” PVC Pipe For: _____ _____ Per Linear Foot				

ITEM NUMBER	ESTIMATE OF QUANTITIES	ITEMS WITH UNIT BID PRICE WRITTEN IN WORDS	UNIT PRICE BID		AMOUNT OF BID	
			DOLLARS	CENTS	DOLLARS	CENTS
33	5	Install Precast Concrete Manholes For: _____ _____ Per Each				
34	2	Connect 8” PVC Pipe to Existing Manhole For: _____ _____ Per Each				
35	53,500	Site Grading For: _____ _____ Per Square Yard				
36	53,500	Install Demarcation Barrier For: _____ _____ Per Square Yard				

ITEM NUMBER	ESTIMATE OF QUANTITIES	ITEMS WITH UNIT BID PRICE WRITTEN IN WORDS	UNIT PRICE BID		AMOUNT OF BID	
			DOLLARS	CENTS	DOLLARS	CENTS
37	17,800	Install Barrier Protection Soil Cover Layer For: _____ _____ Per Cubic Yard				
38	11	Mulch Barrier Protection Soil Layer For: _____ _____ Per Acre				
39	25,000	Dewatering & Groundwater Management For: _____ _____ Per Gallon				
40	1,000	Free Product Removal & Disposal For: _____ _____ Per Gallon				

ITEM NUMBER	ESTIMATE OF QUANTITIES	ITEMS WITH UNIT BID PRICE WRITTEN IN WORDS	UNIT PRICE BID		AMOUNT OF BID	
			DOLLARS	CENTS	DOLLARS	CENTS
41	403	Anchored Steel Sheet Pile Bulkhead (SSP) For: _____ _____ Per Linear Feet				
42	744	Cantilever Steel Sheet Pile Bulkhead (SSP) For: _____ _____ Per Lineal Feet				
43	1,147	SSP Interlock Waterstop For: _____ _____ Per Linear Feet				
44	199	SSP Toe Pins For: _____ _____ Per Each				

ITEM NUMBER	ESTIMATE OF QUANTITIES	ITEMS WITH UNIT BID PRICE WRITTEN IN WORDS	UNIT PRICE BID		AMOUNT OF BID	
			DOLLARS	CENTS	DOLLARS	CENTS
45	1,655	Riprap Toe Protection For: _____ _____ Per Cubic Yard				
46	6,490	Riprap Revetment For: _____ _____ Per Cubic Yard				
47	10	Outfall Extension Pipe for Existing Pipes For: _____ _____ Per Each				
48	1	Live Stakes For: _____ _____ Per Lump Sum				

ITEM NUMBER	ESTIMATE OF QUANTITIES	ITEMS WITH UNIT BID PRICE WRITTEN IN WORDS	UNIT PRICE BID		AMOUNT OF BID	
			DOLLARS	CENTS	DOLLARS	CENTS
49	1	Allowance 1: Additional Soil & Groundwater Sampling For: Five-thousand dollars and no cents _____ Per Allowance	$5,000	00	$5,000	00
50	11	Alternate 1: Topsoil & Seeding For: _____ _____ Per Acre				
51	848	Steel Sheet Pile Cut-Off Wall For: _____ _____ Per Linear Feet				
52	2,000	Off-Site Disposal of Construction and Demolition Debris Material (Non-Concrete) For: _____ _____ Per Tons				

ITEM NUMBER	ESTIMATE OF QUANTITIES	ITEMS WITH UNIT BID PRICE WRITTEN IN WORDS	UNIT PRICE BID		AMOUNT OF BID	
			DOLLARS	CENTS	DOLLARS	CENTS
53	500	Off-Site Disposal of Solid Waste Materials For: _____ _____ Per Tons				
		SUBTOTAL	$ _____			
PLEASE MAKE SURE A BID IS ENTERED FOR EACH ITEM. TOTAL OR GROSS SUM WRITTEN IN WORDS: _____ _____			$ _____			

NOTE: In the event that there are discrepancies within the Bid Schedule, the values written in words will be the accepted quantity.

Unit Prices have been computed in accordance with paragraph 11.9.2 of the General Conditions.

BIDDER acknowledges that quantities are not guaranteed and final payment will be based on actual quantities determined as provided in the Contract Documents.

BIDDER agrees that the Work will be substantially complete on or before November 28, 2008 and completed and ready for final payment in accordance with paragraph 14.13 of the General Conditions on or before December 31, 2008.

BIDDER accepts the provisions of the Agreement as to liquidated damages in the event of failure to complete the Work within the times specified in the Agreement.

5. The following documents are attached to and made a condition of this Bid:

   a. The completed Bid Form, including acknowledgement of receipt of all addendums.

   b. The completed Bid Summary Form with all pricing filled out.

   c. Required Bid Security in the form of certified check or bid bond.

   d. Required BIDDER's Qualification Statement with supporting data.

   e. Certified Copy of Resolution of Board of Directors.

   f. Non-Collusion Form.

   g. A tabulation of Subcontractors, Suppliers, and other persons and organizations to be utilized for this project shall be identified in the Bid.

6. Communications concerning this Bid shall be addressed to:

   Provide the address and appropriate phone numbers of the BIDDER below.

   _____

   _____

   _____

   _____

   Phone: _____

   Fax: _____

7. Terms used in this Bid which are defined in the General Conditions or Instructions will have the meanings indicated in the General Conditions or Instructions.

   SUBMITTED on _____, 2007.

   State Contractor License No. _____

If BIDDER is:

An Individual

By _____(SEAL)

(Individual's Name)

doing business as _____

Business address: _____

_____

Phone No.: _____

A Partnership

By _____(SEAL)

(Firm Name)

_____

(general partner)

Business address: _____

_____

Phone No.: _____

A Corporation

By _____(SEAL)

(Corporation Name)

_____

(state of incorporation)

By _____(SEAL)

(name of person authorized to sign)

_____

(Title)

(Corporate Seal)

Attest _____

(Secretary)

Business address: _____

_____

Phone No.: _____

Date of Qualification to do business is _____

A Joint Venture

By _____(SEAL)

(Name)

_____

(Address)

By _____(SEAL)

(Name)

_____

(Address)

Phone Number and Address for receipt of official communications

_____

_____

(Each joint venturer must sign. the manner of signing for each individual, partnership and corporation that is a party to the joint venture should be in the manner indicated above).

CERTIFIED COPY OF RESOLUTION OF
BOARD OF DIRECTORS OF

_____
(NAME OF CORPORATION)

"RESOLVED that _____, _____
(Person Authorized to Sign) (Title)

of _____ authorized to sign and submit the Bid of this corporation for
(NAME OF CORPORATION)

the following Project:

_____

and to include in such bid the certificate as to non-collusion, and for any inaccuracies or misstatements in such certificate this corporate Bidder shall be liable under the penalties of perjury.

The foregoing is a true and correct copy of the resolution adopted by

_____
(NAME OF CORPORATION)

at a meeting of its Board of Directors held on the _____ day of _____ 20_____.

By _____

Title _____

(SEAL)

The above form must be completed if the Bidder is a Corporation.

NON-COLLUSION FORM

GENERAL MUNICIPAL LAW
CHAPTER 675

Amending 103-d - General Municipal Law

"(a) By submission of this Bid, each Bidder and each person signing on behalf of any Bidder certifies, and in the case of a joint bid each party thereto certifies as to its own organization, under penalty of perjury, that to the best of his knowledge and belief:

(1) The prices in this Bid have been arrived at independently without collusion, consultation, communication, or agreement, for the purpose of restricting competition, as to any matter relating to such prices with any other Bidder or with any competitor;

(2) Unless otherwise required by law, the prices which have been quoted in this Bid have not been knowingly disclosed by the Bidder and will not knowingly be disclosed by the Bidder prior to opening, directly or indirectly, to any other Bidder or to any competitor; and,

(3) No attempt has been made or will be made by the Bidder to induce any other person, partnership or corporation to submit or not to submit a bid for the purpose of restricting competition."

_____
FIRM

_____
BY

_____
DATE

CONTRACT NO.(S)_____

CONTRACT NAME(S)_____