

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. CONTRACT ID CODE J	PAGE OF PAGES 1 4
2. AMENDMENT/MODIFICATION NO. 0002	3. EFFECTIVE DATE 14-May-2004	4. REQUISITION/PURCHASE REQ. NO. W16ROE-4104-7779	5. PROJECT NO.(If applicable)	
6. ISSUED BY USA ENGINEER DISTRICT, NEW YORK ATTN:CENAN-CT ROOM 1843 26 FEDERAL PLAZA NEW YORK NY 10278	CODE W912DS	7. ADMINISTERED BY (If other than item 6) See Item 6		
8. NAME AND ADDRESS OF CONTRACTOR (No., Street, County, State and Zip Code)		X	9A. AMENDMENT OF SOLICITATION NO. W912DS-04-B-0008	
		X	9B. DATED (SEE ITEM 11) 27-Apr-2004	
			10A. MOD. OF CONTRACT/ORDER NO.	
			10B. DATED (SEE ITEM 13)	
CODE	FACILITY CODE			
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS				
<input checked="" type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offer <input type="checkbox"/> is extended, <input checked="" type="checkbox"/> is not extended. Offer must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended by one of the following methods: (a) By completing Items 8 and 15, and returning <u>1</u> copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.				
12. ACCOUNTING AND APPROPRIATION DATA (If required)				
13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.				
A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.				
B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(B).				
C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:				
D. OTHER (Specify type of modification and authority)				
E. IMPORTANT: Contractor <input type="checkbox"/> is not, <input type="checkbox"/> is required to sign this document and return _____ copies to the issuing office.				
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.) The purpose of this amendment 0002 to solicitation W912DS-04-B-0008, is to answer questions received by potential bidders, to delete "Monitoring of Air Quality" in its entirety, and provide 2003 Test Results. THE BID OPEINING DATE AND TIME OF 5/26/04 @ 2pm REMAINS UNCHANGED. NOTE: Bidders must acknowledge receipt of this amendment by the date specified in the solicitation (or as amended) by one of the following methods: in the space provided on the SF1442, by separate letter, by telegram, or by signing block 15 below. FAILURE TO ACKNOWLEDGE AMENDMENTS BY THE DATE AND TIME SPECIFIED MAY RESULT IN REJECTION OF YOUR BID IN ACCORDANCE WITH THE LATE BID, LATE MODIFICATIONS OF BIDS OR LATE WITHDRAWAL OF BIDS (FAR14.304). ALL OTHER TERMS AND CONDIIONS OF THIS SOLICITATION REMAIN IN FULL FORCE AND EFFECT.				
Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.				
15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)		
		TEL: _____ EMAIL: _____		
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED	
_____ (Signature of person authorized to sign)		BY _____ (Signature of Contracting Officer)	14-May-2004	

EXCEPTION TO SF 30
APPROVED BY OIRM 11-84

30-105-04

STANDARD FORM 30 (Rev. 10-83)
Prescribed by GSA
FAR (48 CFR) 53.243

SECTION SF 30 BLOCK 14 CONTINUATION PAGE

SUMMARY OF CHANGES

SECTION 00010 - SOLICITATION CONTRACT FORM

The following have been added by full text:

AMENDMENT 0002 CHANGES

DEPARTMENT OF THE ARMY
NEW YORK DISTRICT, CORPS OF ENGINEERS
26 FEDERAL PLAZA
NEW YORK, NY 10278

AMENDMENT NO. 2
IFB NO. W912DS-04-B-0008
MAINTENANCE DREDGING AND
DISPOSITION OF DREDGED MATERIEAL
FROM SEQUINE POINT SECTION OF
THE RARITAN BAY REACH OF THE NY & NJ
CHANNELS

TO PROSPECTIVE BIDDERS:

The following modification is hereby made to the subject IFB for maintenance dredging and disposition of dredged material from Sequine Point section of the New York and New Jersey Channels.

1. The COE's answers to requests for clarification are attached in Q&A format.
2. Page 01355-6, paragraph 7.7.4 "Monitoring of Air Quality" shall be deleted in its entirety
3. 2003 test results are included.

All other provisions remain unchanged.

As part of this amendment:

1. Questions and Answers (in MS Word format)
2. 2003 test results (in .pdf format)

SECTION 00800 - SPECIAL CONTRACT REQUIREMENTS

The following have been added by full text:

AMENDMENT 0002 Q & A'S

Questions and Answers

IFB No W912DS-04-B-0008

NOTE: THE QUESTIONS AND ANSWERS SHOWN HERE ARE PROVIDED FOR INFORMATIONAL PURPOSES ONLY.

1. Please provide the results of the testing data analysis from 2003 performed by the U.S. Army Engineer District, New York.

Answer: The 2003 test results are attached. The subject project was originally tested using the protocols required for HARS (ocean disposal) testing. Project sediments were found unsuitable for HARS disposal because the total PCBs in worm tissue (resulting from the bioaccumulation analysis) were 120 parts per billion (ppb); this did not "pass" the EPA established criteria of 113 ppb.

2. How is the cost of managing disposal of any debris encountered during dredging operations to be handled? Should the dredging contractor include these costs in Item No 0002?

Answer: The dredged contractor should include the debris removal cost in CLIN 0002.

3. Water Quality Certificate indicates that this permit will be supplied at the Pre-Construction Conference. Does the US Army Corps of Engineers, New York District know of any specific requirements, which may be imposed in the certificate?

Answer: Section 00800, page 00800-1, the last sentence of paragraph 1 of the specifications states that A New York State Water Quality Certificate and CZM concurrent will be obtained by the Government for the dredging aspect of the project. The WQC and CZM concurrent will be provided to the contractor as soon as it is available. There will be a no dredging restriction from November 15 through July 15 for the Sequine Point project.

4. Item 7.7.4 Monitoring of Air Quality, 01355-6, indicates a very broad statement relating to air monitoring. Could the US Army Corps of Engineers, New York District please identify the type of monitoring which is anticipated?

Answer: Page 01355-6, paragraph 7.7.4 "Monitoring of Air Quality" shall be deleted in its entirety.

5. Does the U.S. Army Corps of Engineers, New York District intend to provide alternate disposal (i.e. the Newark Bay CDF), in the event the testing reveals that portions of the dredged material is unsuitable for the upland site?

Answer: In the event that testing reveals that portions of the dredged material is unsuitable for the upland site, the contractor shall identify an alternative site, such as the Newark Bay CDF, and coordinate with the owner of the site and the NJDEP (or other host state) for approval.

Attachment to Amendment No 2

(End of Summary of Changes)

**TABLE 1. RESULTS OF CHEMICAL ANALYSIS OF SITE WATER AND ELUTRIATE
SEGUINE POINT
Job #23-131**

CONSTITUENTS	SITE WATER		ELUTRIATE	
	DETECTION LIMITS	CONCENTRATION	DETECTION LIMITS	CONCENTRATION
Metals	ppb	ppb	ppb	ppb
Ag		0.05		0.22
Cd		0.10		0.03
Cr		0.55		5.78
Cu		2.57		5.47
Hg		0.006		0.15
Ni		1.45		2.14
Pb		0.75		8.64
Zn		5.96		7.40
Pesticides	pptr (ng/L)	pptr (ng/L)	pptr (ng/L)	pptr (ng/L)
Aldrin	0.24	ND	0.24	ND
a-Chlordane	0.23	ND		0.48
trans Nonachlor	0.24	ND		0.25
Dieldrin	0.46	ND	0.46	ND
4,4'-DDT	0.35	ND		0.19
2,4'-DDT	0.29	ND	0.29	ND
4,4'-DDD	0.57	ND		2.54
2,4'-DDD	0.49	ND	0.49	ND
4,4'-DDE	0.41	ND		3.55
2,4'-DDE	0.41	ND	0.41	ND
Total DDT		1.26		6.88
Endosulfan I	0.16	ND	0.16	ND
Endosulfan II	0.41	ND	0.41	ND
Endosulfan sulfate	0.39	ND	0.39	ND
Heptachlor	0.35	ND	0.35	ND
Heptachlor epoxide	0.95	ND	0.95	ND
Industrial Chemicals	pptr (ng/L)	pptr (ng/L)	pptr (ng/L)	pptr (ng/L)
PCB 8	0.29	ND	0.29	ND
PCB 18	0.48	ND		3.13
PCB 28	0.36	ND		4.33
PCB 44	0.28	ND		3.17
PCB 49	0.23	ND		2.98
PCB 52		0.61		4.47
PCB 66	0.24	ND		3.64
PCB 87	0.42	ND		1.33
PCB 101	0.23	ND		3.54
PCB 105	0.45	ND		1.86
PCB 118	0.41	ND		3.37
PCB 128	0.38	ND		0.86
PCB 138	0.39	ND		4.84
PCB 153	0.39	ND		5.38
PCB 170	0.34	ND		1.40
PCB 180	0.26	ND		2.31
PCB 183	0.39	ND		0.78
PCB 184	0.44	ND	0.44	ND
PCB 187	0.34	ND		1.90
PCB 195	0.28	ND		0.76
PCB 206	0.23	ND		1.01
PCB 209	0.25	ND		0.82
Total PCB		8.32		104.6

ND = Not detected

Total DDT = sum of 2,4'- and 4,4'-DDD, DDE, and DDT

Total PCB = sum of congeners reported x 2

Concentrations shown are the mean of three replicate analyses.

Means were determined using conservative estimates of concentrations of constituents that were at concentrations below the detection limit.

TABLE 2

**TOXICITY TEST RESULTS
SEGUINE POINT**

Suspended Particulate Phase

Test Species	Test Duration	LC50/EC50	LPC (a)
<i>Menidia beryllina</i>	96 hours	(b) 57.7%	0.58
<i>Mysidopsis bahia</i>	96 hours	(b) >100	1.00
<i>Mytilus edulis</i> (larval survival)	48 hours	(b) >100%	1.00
<i>Mytilus edulis</i> (larval normal develop.)	48 hours	(c) 22.4%	0.22

(a) Limiting Permissible Concentration (LPC) is the LC 50 or EC 50 times 0.01.

(b) Median Lethal Concentration (LC50) resulting in 50% mortality at test termination.

(c) Median Effective Concentration (EC50) based on normal development to the D-cell, prodissoconch 1 stage.

Whole Sediment (10 days)

Test Species	% Survival in Reference	% Survival	% Difference Reference -Test	Is difference statistically significant? (a=0.05)
<i>Ampelisca abdita</i>	95%	93%	2%	No
<i>Mysidopsis bahia</i>	98%	96%	2%	No

TABLE 3. 28 DAY BIOACCUMULATION TEST RESULTS: CHEMICAL ANALYSIS OF TISSUE
FP 63 - SEGUINE POINT, Job #23-131
Wet weight concentrations

CONSTITUENTS	<i>Macoma nasuta</i>				<i>Nereis virens</i>			
	REFERENCE		TEST		REFERENCE		TEST	
	DETECTION LIMITS	CONCEN TRATION	DETECTION LIMITS	CONCEN TRATION	DETECTION LIMITS	CONCEN TRATION	DETECTION LIMITS	CONCEN TRATION
	ppm (mg/kg)	ppm (mg/kg)	ppm (mg/kg)	ppm (mg/kg)	ppm (mg/kg)	ppm (mg/kg)	ppm (mg/kg)	ppm (mg/kg)
Metals								
Ag		0.04		0.05		0.02		0.05
As		3.03		3.02		4.68		2.21
Cd		0.02		0.02		0.06		0.05
Cr		0.21		0.39		0.17		0.09
Cu		1.55		1.98		1.57		1.56
Hg		0.01		0.01		0.03		0.02
Ni		0.27		0.41		0.24		0.21
Pb		0.19		0.51		0.10		0.11
Zn		8.57		8.86		23.72		23.42
Pesticides	ppb (ug/kg)	ppb (ug/kg)	ppb (ug/kg)	ppb (ug/kg)	ppb (ug/kg)	ppb (ug/kg)	ppb (ug/kg)	ppb (ug/kg)
Aldrin	0.04	ND	0.04	ND	0.08	ND	0.09	ND
a-Chlordane	0.07	ND		0.13		0.10		0.45
trans Nonachlor	0.05	ND		0.05		0.31		0.44
Dieldrin	0.04	ND		0.03	0.08	ND		0.18
4,4'-DDT	0.06	ND	0.06	ND	0.12	ND	0.14	ND
2,4'-DDT	0.05	ND	0.05	ND	0.11	ND	0.12	ND
4,4'-DDD	0.05	ND		0.28		0.16		0.90
2,4'-DDD	0.04	ND		0.16		0.07		0.50
4,4'-DDE		0.06		1.45		0.07		1.31
2,4'-DDE	0.03	ND		0.09	0.06	ND	0.06	ND
Total DDT		0.18		2.05		0.44		2.87
Endosulfan I	0.06	ND	0.06	ND	0.12	ND	0.13	ND
Endosulfan II	0.04	ND	0.04	ND	0.09	ND	0.11	ND
Endosulfan sulfate	0.06	ND	0.06	ND		0.09	0.15	ND
Heptachlor	0.05	ND	0.05	ND	0.11	ND	0.11	ND
Heptachlor epoxide	0.04	ND	0.04	ND	0.08	ND	0.09	ND
Industrial Chemicals	ppb (ug/kg)	ppb (ug/kg)	ppb (ug/kg)	ppb (ug/kg)	ppb (ug/kg)	ppb (ug/kg)	ppb (ug/kg)	ppb (ug/kg)
PCB 8	0.09	ND		0.11	0.19	ND	0.21	ND
PCB 18	0.05	ND		0.19	0.10	ND		0.89
PCB 28	0.06	ND		0.79	0.13	ND		1.68
PCB 44	0.05	ND		0.20		0.24		1.41
PCB 49	0.05	ND		0.73	0.11	ND		1.93
PCB 52	0.04	ND		0.85		0.09		3.00
PCB 66	0.06	ND		0.78		0.07		1.76
PCB 87	0.03	ND		0.21	0.07	ND		0.42
PCB 101	0.05	ND		0.79		0.39		2.84
PCB 105	0.04	ND		0.22		0.19		0.71
PCB 118	0.05	ND		0.59		0.24		1.74
PCB 128	0.06	ND		0.08		0.16		0.45
PCB 138		0.07		0.63		1.40		3.42
PCB 153	0.06	ND		0.94		2.11		4.72
PCB 170	0.04	ND		0.07		0.26		0.58
PCB 180	0.05	ND		0.16		0.92		1.62
PCB 183	0.03	ND		0.08		0.36		0.65
PCB 184	0.04	ND	0.04	ND	0.09	ND	0.10	ND
PCB 187	0.03	ND		0.20		0.67		1.38
PCB 195	0.04	ND		0.03		0.11		0.22
PCB 206	0.04	ND		0.03		0.16		0.29
PCB 209	0.04	ND		0.03		0.12		0.20
Total PCB		1.13		15.43		15.68		60.12
1,4-Dichlorobenzene		0.24		0.33		0.48		0.55

TABLE 3. (Continued)

FP 63 - Sequine Point 23-131

CONSTITUENTS	<i>Macoma nasuta</i>				<i>Nereis virens</i>			
	REFERENCE		TEST		REFERENCE		TEST	
	DETECTION	CONCEN	DETECTION	CONCEN	DETECTION	CONCEN	DETECTION	CONCEN
	LIMITS	TRATION	LIMITS	TRATION	LIMITS	TRATION	LIMITS	TRATION
PAH's	ppb (ug/kg)	ppb (ug/kg)	ppb (ug/kg)	ppb (ug/kg)	ppb (ug/kg)	ppb (ug/kg)	ppb (ug/kg)	ppb (ug/kg)
Naphthalene		0.44		0.81		1.65		1.97
Acenaphthylene		0.04		0.31		0.07		0.19
Acenaphthene		0.14		0.22		0.11		0.34
Fluorene		0.10		0.26		0.11		0.18
Phenanthrene		0.37		1.67		0.18		0.42
Anthracene		0.08		1.14	0.15	ND		0.11
Fluoranthene		1.68		8.47		0.37		6.24
Pyrene		1.76		12.12		0.71		9.91
Benzo(a)anthracene		0.23		3.77		0.07		0.36
Chrysene		0.79		5.68		0.37		4.43
Benzo(b)fluoranthene		0.23		4.20	0.18	ND		0.56
Benzo(k)fluoranthene		0.25		3.80	0.12	ND		0.33
Benzo(a)pyrene		0.11		3.93	0.16	ND		0.36
Indeno(1,2,3-cd)pyrene		0.06		1.76	0.11	ND	0.12	ND
Dibenzo(a,h)anthracene	0.05	ND		0.41	0.10	ND	0.11	ND
Benzo(g,h,i)perylene		0.10		2.23	0.09	ND		0.59
Total PAH's		6.40		50.78		4.09		26.09
Dioxins	pptr(ng/kg)	pptr(ng/kg)	pptr(ng/kg)	pptr(ng/kg)	pptr(ng/kg)	pptr(ng/kg)	pptr(ng/kg)	pptr(ng/kg)
2378 TCDD		0.08		0.15		0.14		0.52
12378 PeCDD		0.24	0.40	ND	0.21	ND		0.16
123478 HxCDD	0.12	ND		0.13		0.09		0.22
123678 HxCDD		0.06		0.28		0.22		0.38
123789 HxCDD		0.07		0.26		0.16		0.26
1234678 HpCDD		0.30		1.74		1.42		2.84
1234789 OCDD		2.50		18.80		11.54		23.76
2378 TCDF		0.23		0.46		1.30		1.98
12378 PeCDF		0.20	0.30	ND		0.17		0.44
23478 PeCDF		0.17	0.40	ND		0.24		0.52
123478 HxCDF		0.10		0.25		0.23		0.26
123678 HxCDF		0.09		0.15		0.10		0.12
234678 HxCDF		0.06		0.19		0.09		0.10
123789 HxCDF	0.13	ND		0.16		0.06	0.20	ND
1234678 HpCDF	0.77	ND	0.76	ND	0.37	ND	0.52	ND
1234789 HpCDF		0.35		0.39		0.17		0.23
12346789 OCDF		0.51		2.22		1.27		2.55

ND = Not detected

Total PAH = Sum of all PAH's.

Total DDT = sum of 2,4'- and 4,4'-DDD, DDE, and DDT

Total PCB = 2(x), where x = sum of PCB congeners

Concentrations shown are the mean of 5 replicate analyses in wet weight.

Means were determined using conservative estimates of concentrations of constituents that were at concentrations below the detection limit.

* = Statistically significant at the 95% confidence level.

Please note these tables do not have significance added to them. ACOE only wanted the tables for their files.