

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. CONTRACT ID CODE	PAGE 1 OF 2 PAGES
2. AMENDMENT/MODIFICATION NO. Am-0006	3. EFFECTIVE DATE 6/18/03	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)	
6. ISSUED BY U.S. Army Engineer District, Honolulu Corps of Engineers, Building 230 ATTN: CEPOH-CT-C (Jennifer Ko) Fort Shafter, Hawaii 96858-5440	CODE	7. ADMINISTERED BY (If other than Item 6)		CODE
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)			(√)	9A. AMENDMENT OF SOLICITATION NO. DACW83-03-R-0004
			(X)	9B. DATED (SEE ITEM 11) 5/6/03
				10A. MODIFICATION OF CONTRACTS/ORDER NO.
				10B. DATED (SEE ITEM 13)
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 _____ 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 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.)

Solicitation No. DACW83-03-R-0004, Tern Island Shore Protection Projects, Tern Island, French Frigate Shoals, Hawaii

(Continued on Page 2)

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)	
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)	

1. CHANGES TO SPECIFICATIONS. Attached hereto are revised pages to the solicitation. The revision mark (Am-0006) is shown on each revised page.

REVISED PROVISIONS/CLAUSES/PARAGRAPHS/PAGES. Following are revised pages to the solicitation. Changes are indicated in **bold** print. Although the entire section is being re-issued under (Am-0006), only the following sections/pages/paragraphs changed in this section.

Section 00120, Paragraph 3.5, Page 11

2. The proposal due date of June 19, 2003, 2:00 P.M., Hawaiian Standard Time, remain unchanged.

SECTION 00120

PROPOSAL SUBMISSION REQUIREMENTS
AND
EVALUATION FACTORS FOR AWARD

1.0 GENERAL:

1.1 Cost of Preparing Proposals: The Government will not reimburse any Offeror its costs incurred in submitting an offer in response to this solicitation.

1.2 Inquiries: Address all inquiries regarding this Request for Proposals to:

U.S. Army Engineer District, Honolulu
Attn: Ms. Jennifer Ko (CEPOH-CT-C)
Building S-200
Fort Shafter, Hawaii 96858-5440
Phone No. (808) 438-8584
Fax No. (808) 438-8588
E-Mail: jennifer.ko@usace.army.mil

1.3 Proposal submission and evaluation:

1.3.1 The Government will evaluate offers in accordance with the NON-PRICE EVALUATION FACTORS (the technical proposal) and the offeror's price, as set forth in this Provision.

1.3.2 During proposal evaluation, the NON-PRICE EVALUATION FACTORS will be evaluated to determine acceptability by a Source Evaluation Board (SEB) utilizing the method described below.

1.3.3 Basis for award. The Government intends to award a contract to the responsible Offeror whose proposal is the Lowest Priced Technically Acceptable (LPTA) proposal. The technical proposal will consist of evaluation factors in which offerors will receive either an acceptable or unacceptable rating for each non-price evaluation factor and subfactor.

1.3.3.1 Technical proposals (Volume I)

1.3.3.2 Price Proposals (Volume II)

1.3.4 The Government intends to award a contract without discussions to the offeror with the lowest priced, technically acceptable proposal, in accordance with the provisions of this solicitation and applicable acquisition regulations. An acceptable rating for each non-price evaluation factor and subfactor is required for an offeror's proposal to be considered for award. Failure to receive an acceptable rating for any factor or subfactor will result in rejection of the offeror's proposal notwithstanding acceptable ratings for other factors or subfactors. Those Offerors who receive an unacceptable rating on any of the non-price evaluation factors/subfactors will not be considered for award without discussions.

1.3.4.1 Price proposals from only those offerors that received an acceptable rating for each non-price evaluation factor and subfactor will be considered for award. If discussions of an Offeror's price proposal are determined to be necessary, discussions will be conducted with Offeror(s) determined to be in the competitive range.

1.3.4.2 If all technical proposals are determined to be technically unacceptable, the Contracting Officer may conduct discussions. Discussions will be conducted with Offeror(s) determined to be in the competitive range.

1.3.4.3 Upon conclusion of discussions, if necessary, the Contracting Officer will request final proposal revisions from the Offerors remaining in the competitive range and may, upon receipt of final proposal revisions, proceed to award a contract without further discussions or notice.

1.3.5 TECHNICAL. Numerical scores and other point-scoring techniques will not be used in the evaluation process. Each factor or subfactor will be rated either Acceptable or Unacceptable. The Government will evaluate offers in accordance with the EVALUATION FACTORS described in paragraph 3.0 of this section and the Offeror's proposed total price.

1.3.5.1 Factors/subfactors will be evaluated against the standards described in this section. Each factor/subfactor will receive one of the following ratings:

1.3.5.1.1 Acceptable: Proposal is acceptable; proposal demonstrates acceptable understanding of requirements. Offeror's proposed capability or proposed effort is of an acceptable level of quality and justified or substantiated by meeting the requirements of each factor.

1.3.5.1.2 Unacceptable: Proposal is unacceptable; Government's requirements are not met. The Offeror's proposal lacks evidence of capability to perform proposed effort or did not provide adequate responses to the requested data to receive an acceptable rating.

1.3.6 PRICE. The Offeror's price proposal will not be rated, but will be evaluated separately from the offeror's technical proposal. The Government shall compare the competing prices proposed by all offerors determined to have submitted acceptable offers, together with the Government's Estimate, to establish price reasonableness. Cost analysis will not likely be performed under this solicitation, however, the offerors' price breakdown will be evaluated for reasonableness.

2.0 PROPOSAL SUBMISSION REQUIREMENTS: Offeror shall provide an INDEX for each of the proposal volumes/sections that shows the title of the subject matter discussed therein and the page number where the information can be found. In particular, Offeror shall specifically refer to the topics and evaluation factors addressed in this section of the instructions. Offeror shall tab and index the proposal to match the listed factors and subfactors. Proposals that are not tabbed and indexed may be considered non-responsive.

2.1 General Requirements for Proposals:

2.1.1 Submission requirements for proposals.

2.1.1.1 Volume 1 - Technical Proposals. The first envelope shall be clearly marked, 'VOLUME I - TECHNICAL PROPOSAL', RFP NO. DACW83-03-R-0004." It shall contain:

2.1.1.1.1 Submit one (1) original proposal and four (4) copies, in the format for Technical Proposals as set forth in this Provision.

2.1.1.2 Volume 2 - Price Proposals. The second envelope shall be clearly marked, "VOLUME II - PRICE PROPOSAL", RFP NO. DACW83-03-R-0004." It shall contain:

2.1.1.2.1 One (1) original and two (2) copies of the Offeror's completed Standard Form (SF) 1442, using a printed copy of the SF 1442 that has been issued under this solicitation;

2.1.1.2.2 Complete and submit one (1) original and two (2) copies of Section 00010, the Price Proposal Schedule. Indicate on the Price Breakdown whether or not Facilities Capital Cost of Money is included in the contractor's costs of performing the work. Proposals that state that Facilities Capital Cost of Money is not included in the contractor's costs of performing the work—or proposals that don't state anything at all about Facilities Capital Cost of Money—will be deemed to have waived Facilities Capital Cost of Money.

2.1.1.2.3 One (1) electronic copy of the Price Breakdown, formatted in either Microsoft Excel 2000 or Word for Windows 2000 or an earlier version of the same. Submit the electronic copy of a three and one-half inch (3-1/2") diskette, IBM compatible, labeled with the offeror's name, the solicitation number and title, and the words, "Price Breakdown - Electronic Copy."

2.1.1.2.4 One (1) copy (certified as a true copy) of the Offeror's executed joint venture agreement (if the Offeror is a joint venture);

2.1.1.2.5 One (1) copy of the Offeror's completed Section 00600, Representations and Certifications, using a printed copy of Section 00600 that has been issued under this solicitation;

2.1.1.2.6 One (1) copy of the Offeror's completed (if applicable) SF LLL, Disclosure of Lobbying Activities, using a printed copy of the SF LLL which is found in Appendix A to Section 00600; and

2.1.1.2.7 Submit one original bid bond in the form and amount that is required by the provision entitled, "PENAL SUM AND FORM OF OFFER GUARANTEE," in Section 00100, and other pertinent provisions and clauses in this solicitation.

2.2 Format Requirements for Proposals:

2.2.1 Any information, presented with a proposal that an Offeror wants to have safeguarded from disclosure to other parties must be identified and labeled in accordance with the requirements of Provision "52.215-1, Instructions to Offerors—Competitive Acquisition (May 2001)," subparagraph (e), which is found in Section 00100 of this solicitation. The Government

will endeavor to honor the restrictions against release requested by Offerors, to the extent permitted under United States law and regulations.

2.2.2 Prepare proposals in the English language.

2.2.3 Type or print all information presented in the proposal, to the extent possible. Use clear, simple English letters and numbers. Laser printer-quality printing is adequate for the proposals. Elaborate calligraphy is not desired. Do not use size printing or typing less than 10 pitch (United States). Use black characters on white paper as much as possible. Color should be used for clarity, not for purposes of decoration. Do not use colors that do not reproduce legibly using standard office or commercial facsimile or copying machines. Prepare technical proposals on standard (United States), letter-sized (8.5 x 11 inches) or substantially similar international/metric-sized pages. Use only one side of the page. Use non-glossy paper of good weight and quality. Expensive or elaborate paper stock is not desired.

2.2.4 Submit proposal packages to the US Army Corps of Engineers ("the Government") as shown in Block 8 of Standard Form 1442.

2.2.5 Proposals received by the Government after the date and time set for receipt of proposals will be handled in accordance with the requirements of Provision "52.215-1, Instructions to Offerors—Competitive Acquisition (May 2001)," subparagraph (c), found in Section 00100.

2.3 Specific Requirements for Technical Proposals:

2.3.1 Submit technical proposals in a narrative format, organized and titled so that each section of the proposal follows the order and format of the factors and subfactors set forth below in paragraph 3.0. "Evaluation Factors and Submission Requirements."

2.3.2 Proposal clarity, organization and cross referencing is mandatory. Failure to submit and organize proposals as requested may adversely affect an offeror's evaluation. Offerors should provide sufficient detail and clearly address all items required in this section. Written portions of the proposal shall be on 8-1/2 by 11 inch paper with three holes punched, in a three-ring binder. Drawings shall be full-size bound separately. Offerors shall label and tab their proposals consistent with the requirements of this section. A table of contents shall be provided to facilitate review and cross referencing. The proposal shall have an index for each item submitted. Each page of the proposal shall have the page number on the bottom of the page starting with the first page to the last numbered consecutively.

2.3.3 Information presented in the technical proposal should be sufficiently detailed to clearly describe how the technical proposal addresses the technical proposal evaluation factors. Professional looking and well organized proposals will likely be considered to reflect more favorably on the capabilities of the Offeror; however, it is not the Government's intent to require elaborate "magazine-style" proposals. It is not necessary, nor desired, that Offerors prepare elaborate or lengthy proposals.

2.3.4 There is no limit to the size of technical proposals, or the amount of information that may be submitted to the Government. However,

information should be concisely presented, to the extent possible. Information presented should be organized so as to pertain to only the evaluation factor or subfactor in which section the information is presented. Information pertaining to more than one evaluation factor or subfactor should be repeated for each factor or subfactor.

2.3.5 The proposal must set forth full, accurate, and complete information as required by this solicitation. The Government will rely on such information in the award of a contract. By submission of an offer, the Offeror agrees that all items (i.e. Key personnel) in its proposal will be used throughout the duration of the contract and any substitutions of items will be equally or better qualified and shall require prior approval by the Contracting Officer.

2.3.6 The Offeror's price proposal will be evaluated separately from the offeror's technical proposal. The Government will compare the competing prices proposed by all offerors determined to have submitted technically acceptable offers to establish price reasonableness.

3.0 EVALUATION FACTORS AND SUBMISSION REQUIREMENTS

3.1 All proposals will be evaluated on non-price factors and price. Offerors are required to provide data addressing all stated factors. If an Offeror does not have data relating to a specific factor, it shall be clearly stated. Offers that do not address all factors may be considered non-responsive and may not receive further consideration.

3.2 Non-price evaluation factors are equally important. All subfactors within a factor have equal importance.

3.2.1 TECHNICAL FACTORS:

Factor I, Past Performance and Past Experience

Subfactor A - Past Performance

Subfactor B - Past Experience

Factor II, - Key Personnel

Factor III, Small Business Program

3.2.2 PRICE

3.3 Each technical factor and subfactor will be evaluated on an acceptable/unacceptable basis. Acceptability will be based upon submission of all of the requirements identified in the respective submission section, and the following:

3.3.1 *For Past Performance* - The Offeror has provided at least two (2) projects meeting the stated criteria for relevancy and recency (completed after 1990) receiving no less than a satisfactory final performance rating and at least one performance rating shall be above average or better; and the Offeror must not have received an Unsatisfactory performance evaluation on any State or Federal Government contract after 1990.

3.3.2 *For Past Experience* - The offeror must demonstrate experience on at least two (2) relevant projects completed after 1990, in which they were/are the prime contractor on a project that contained marine construction in an island setting.

3.3.2.1 Offerors will receive an acceptable or unacceptable rating for experience. If the Government concludes, based upon the evaluation of an Offeror's proposal, that there is significant doubt as to the offeror's ability to successfully perform and complete the required work, the offeror will be found technically unacceptable for this subfactor.

3.3.3 *For Key Personnel* - The proposal includes all requested information for the factor. All proposed key personnel shall meet the minimum qualification standards described in paragraph 3.4.3.

3.3.4 *For Small Business Program* - Offeror's Small Business Subcontracting Plan goals were met or reasonable justifications for not achieving these goals were provided. Offers from Small Business concerns shall receive an acceptable rating for this factor.

3.4 Technical Proposal. Data provided in response to the non-price factors described below shall be included in the "Technical Proposal".

3.4.1 Relevant Experience. Relevant experience refers to marine construction (the construction/reconstruction activities and maintenance of piers, abutments, harbor improvements, channel improvements and other marine related structures or activities) in an island setting.

3.4.2 Evaluation Factor (1) Past Performance and Past Experience. Data provided in support of this factor shall clearly demonstrate the Offeror's ability to meet the requirements of the contract based on his past experience and past performance history on relevant projects similar in scope to this contract and performed in an island setting. Only past experience and past performance considered relevant to this project will be considered (see paragraph 3.4.1 above).

3.4.2.1 Subfactor (1)(A) Past Performance. For each of the contracts identified in Subfactor B, Past Experience, indicate the final overall performance rating received. Only performance ratings for the Offeror will be considered. Provide documentation of the indicated rating in this tab. Undocumented performance ratings will not be considered.

3.4.2.1.1 The Government will review and evaluate information about each offeror's past performance and will rate offerors as acceptable or unacceptable on the basis of their documented past performance. By "past performance" the Government means an offeror's reputation for satisfying its customers by delivering quality work in a timely manner at a reasonable price. Past Performance also includes an offeror's reputation for integrity, reasonable and cooperative conduct, effective subcontractor management, and commitment to customer satisfaction. In reviewing and evaluating an offeror's past performance, the Government will consider information obtained from the offeror and may consider information from other sources, including past and present customers and their current and former employees. Note the unavailability (due to nonexistence) of past performance records or information cannot result in an unacceptable rating for this subfactor, but instead, will result in a neutral rating. Evidence that an offeror has poor past performance in any area may result in an unacceptable

rating for the entire subfactor.

3.4.2.1.2 The information provided by the Offeror will include the major portion of the information used in the Government's evaluation for past performance. The Government may use other sources to assess past performance information including the Construction Contractor Appraisal Support System (CCASS) and make inquiries to previous customers/owners/subcontractors.

3.4.2.2 Subfactor (1)(B) Past Experience. Offerors shall identify contracts demonstrating relevant experience completed after 1990, in which they were/are the prime contractor.

3.4.2.2.1 For each of the projects provided in support of this factor, a Project Data Sheet shall be completed. This sheet shall include all of the data listed below. All requested information must be provided. Failure to provide any of the requested data may be cause to eliminate a project from consideration in the evaluation.

- 3.4.2.2.1.1 Contract Number, Project Description and Location,
- 3.4.2.2.1.2 Contracting Officer/Owner's Point of Contact, Telephone Number, Facsimile Number,
- 3.4.2.2.1.3 Original Contract Amount,
- 3.4.2.2.1.4 Final Contract Amount,
- 3.4.2.2.1.5 Contract Award Date,
- 3.4.2.2.1.6 Original Completion Date,
- 3.4.2.2.1.7 Final Completion Date (as established by contract modifications),
- 3.4.2.2.1.8 Actual Completion Date (date work accepted by the customer),
- 3.4.2.2.1.9 Estimated Percentage of Actual onsite Construction Work that the Offeror and its employees performed on the project,
- 3.4.2.2.1.10 Letters of Appreciation or Commendation and Awards. Letters or other communications generated specifically for purposes of this solicitation may not be given as much weight as evaluations and other communications that are generated in the ordinary course of business.
- 3.4.2.2.1.11 Final Performance evaluation (if customer was the Federal Government, submit Standard Form 1420 or DD Form 2626),
- 3.4.2.2.1.12 Offerors that report an adverse or unfavorable interim or final performance evaluation should attach a narrative that explains, rebuts, or describes lessons learned from the adverse or unfavorable evaluation.

3.4.2.2.1.13 For each completed project which the Offeror identifies as an example of past performance, describe that completed project's relevance to the current, proposed project in terms of the Offeror's proposed use of the same key management personnel.

3.4.2.2.1.14 State why or how the Offeror's experience with the described project is relevant to the Offeror's expectation of successful completion of this project.

3.4.2.2.2 If the Offeror intends to rely on its joint venture partners past experience, the Offeror shall submit Project Data Sheets demonstrating relevant past experience.

3.4.2.2.3 In order to demonstrate the depth of its experience, Offerors may submit data for themselves and their joint venture partners for the same project. However, the submission of data on the same project will only be counted as a single project.

3.4.2.2.4 The Government will review and evaluate the documentation submitted with each proposal with respect to the offeror's past and current work experience, including technical similarities between the offeror's work experience and the work described in this solicitation. Direct experience of the offeror or any joint venture partners that any offeror proposes to utilize in the execution of this project will be considered.

3.4.3 Evaluation Factor (2) Key Personnel.

3.4.3.1 If an Offeror is awarded a contract, all key personnel identified in the Offeror's proposal shall be used on the contract. Substitution or addition of any key personnel not identified in a successful Offeror's proposal must be submitted for review and acceptance by the Contracting Officer prior to the start of work by that individual. The Contractor is informed that the Government will be allowed 30 days to respond. Any delays resulting from this post-award process shall be the responsibility of the contractor and shall not be a basis for any equitable contract adjustment.

3.4.3.2 The Government will review and evaluate the qualifications and experience of each of the offeror's proposed key personnel. The offeror must include the following three (3) positions to be used on this project: Contractor Quality Control Systems Manager, Project Manager, and On-Site Construction Manager. The On-Site Construction Manager may be the same person as the Project Manager. The offeror's Contractor Quality Control Systems Manager shall have a minimum of two (2) years marine construction experience (in the proposed position) on projects of similar scope and complexity. In addition, the offeror's Contractor Quality Control Systems Manager shall have a minimum of 5 years construction experience. Offeror must address how the proposed Contractor Quality Control Systems Manager has met or will meet the requirement for completing the course entitled, "Construction Quality Management for Contractors" prior to beginning work. The Project Manager/On-Site Construction Manager shall have a minimum of two (2) years experience on marine construction and rock revetment or rock breakwater construction projects.

3.4.3.2.1 Identify the individuals proposed to fill the

key personnel positions identified above. Provide resumes for each individual. Resumes must support the individual's qualifications to perform in the identified position, including any special skills or experiences deemed worthy of note. Resumes shall include a List of projects completed by the proposed individual. The list shall include contract number, completion date, title, detailed description, and dollar value, and position held.

3.4.4 Evaluation Factor (3)- Small Business Program. Past performance in complying with Small Business Subcontracting Plan. Offerors shall submit data that demonstrate its use of Small Business Concerns. Small Business Concerns include small disadvantaged businesses (SDB), women-owned small businesses, HUBZone small businesses, veteran-owned small businesses and service disabled veteran-owned small businesses.

- Provide SF 294's, "Subcontracting Report for Individual Contracts" for projects of similar scope. Provide reasonable justifications if goals were not met.

3.5 Price Proposal

3.5.1 The Offeror's price proposal will be evaluated separately from the offeror's non-price proposal. The Government will compare the competing prices proposed by all Offerors determined to have submitted technically acceptable offers to establish price reasonableness.

3.5.2 A price breakdown shall be included in Volume II, "Price Proposal". Only a lump sum price for each of the items identified below is required. Do not submit a cost breakdown.

Proposal costs shall be broken down as follows:	
Bid item No. 1, Mob and demob	
1	Barging costs including unloading and stockpiling
2	Setup costs to include contractors offices and facilities, and all temporary structures.
3	All other associated costs.
4	Total Direct Cost
5	Field Overhead Cost
6	All other indirect costs
7	Total Cost Bid item No. 1, Mob and demob
Bid item No. 2 RL "B"	
1	Barging costs including unloading and stockpiling
2	Revetment cost including cost for stone, excavation, backfill and all associated costs.
3	Total Direct Cost
4	Field Overhead Cost
5	All other indirect costs
6	Total Cost Bid item No. 2
Bid item No. 3 RL "A" 0+73 to 2+50	
1	Breakdown items 1 thru 6 same as Bid item No. 2
Bid item No. 4 RL "A" 4+50 to 14+50	
1	Breakdown items 1 thru 6 same as Bid item No. 2

Bid item No. 5, Option 1: Revetment Tie-back No. 1	
1	Breakdown items 1 thru 6 same as Bid item No. 2
Bid item No. 6, Option 2: Revetment Tie-back No. 2	
1	Breakdown items 1 thru 6 same as Bid item No. 2
Bid item No. 7, Option 3: Revetment Tie-back No. 3	
1	Breakdown items 1 thru 6 same as Bid item No. 2
Bid item No. 8, Option 4: Revetment Tie-back No. 4	
1	Breakdown items 1 thru 6 same as Bid item No. 2
Bid item No. 9, Option 5: RL "A" 2+50 to 4+50	
1	Breakdown items 1 thru 6 same as Bid item No. 2
Bid item No. 10, Option 6a: RL "A" 14+50 to 25+00	
1	Breakdown items 1 thru 6 same as Bid item No. 2
Bid item No. 11, Option 6b: Demolition & disposal of sheetpile bulkhead 16+25 to 17+25	
1	No further breakdown required.
Bid item No. 12, Option 7: RL "A" 25+00 to 30+50	
1	Breakdown items 1 thru 6 same as Bid item No. 2
Bid item No. 13, Option 8: RL "A" 30+50 to 36+00	
1	Breakdown items 1 thru 6 same as Bid item No. 2
Bid item No. 14, Option No. 9: Improvements	
1	Mob and demob including barging costs, unloading and stockpiling
2	Sheetpile bulkhead including sheetpile, concrete pilecap, tie-rods, deadman and all other associated costs.
3	Bollards and fenders
4	Boatramp including AZ-18 retaining sheetpile
5	Total Direct Cost
6	Field Overhead Cost
7	All other indirect costs
8	Total Cost Bid item No. 14, Improvements
Bid item No. 15, Option 10 Cathodic Protection System	
1	No further breakdown required.
Bid item No. 16, Option 11 Removal Action	
16a	Mob and demob including barging costs, unloading and stockpiling
16b	Soil less than 50 ppm (PCB)
1	Excavation cost including testing, monitoring, loading barges and all associated costs.
2	Disposal cost including barging, fees, trucking and all associated costs.
3	Total Direct Cost
4	Field Overhead Cost
5	All other indirect costs
16c	Soil more than 50 ppm (PCB)

1	Breakdown items 1 thru 5 same as Bid item No. 16b
16d	Soil more than 400 ppm (Pb)
1	Breakdown items 1 thru 5 same as Bid item No. 16b
16e	Remove transformer
1	No further breakdown required.
16f	Analytical Cost
1	No further breakdown required.
16g	Asbestos Abatement
1	No further breakdown required.