



Notice of Addendum STPA Form F 60800 (2008)

Sydney Tar Ponds Agency
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Date: July 20, 2010
To: ALL BIDDERS
Subject: Addendum #1

**ADDENDUM # 1
Tender # STPA 2008S-37
Tar Ponds Surface Cap
for the Sydney Tar Ponds Agency**

The following changes are to be noted in the document referenced above:

1) **SECTION 00 21 13 – INSTRUCTIONS TO BIDDERS**

- (a) Page 1, clause 1.1.1.1, change Closing Date to read August 10, 2010.
- (b) Page 3, clause 1.5.2 change Bidders Briefing date to read July 27, 2010.
- (c) Page 13, delete clause 1.24.1 Liquidated Damages and change to read as follows:
 - 1.24.1 In the event the Contract reaches Substantial Performance prior to August 30, 2013, or within 60 days after TP6B contractor provides Substantial Performance Notification (whichever comes first), a \$10,000 bonus for each day, up to a maximum of thirty days. The maximum bonus on this Contract shall not exceed \$300,000 dollars. The liquidated damage scale is \$10,000/day for each day past Substantial Performance.
- (d) At the end of Section 00 21 13 add Technical Evaluation Score Sheet (TESS), attached.

2) **SECTION 00 73 00 – SUPPLEMENTARY GENERAL CONDITIONS**

- (a) GC48 – Quantity Variation, delete GC48.1, .2, .3, and .4 and replace with the following:
 - .1 The Owner or the Contractor may request an adjustment to a Unit Price contained in a Schedule of Prices included in the Contract provided that the actual quantity of the item in the Schedule of Prices exceeds or falls short of the estimated quantity by more than 25%.

- .2 Where the actual quantity exceeds the estimated quantity by more than 25%, a Unit Price adjustment shall apply only to the quantity that exceeds 125% of the estimated quantity.
- .3 Where the actual quantity falls short of the estimated quantity by more than 25%, a Unit Price adjustment shall not exceed the Unit Price that would cause the extended amount to equal the original extended amount derived from the original Unit Price and estimated quantity.
- .4 If either party requests adjustment of a Unit Price, both parties shall make all reasonable efforts to agree on a revised Unit Price. The agreed revised Unit Price shall be recorded in a Change Order.

(b) GC49 – Liquidated Damages, delete GC49.3 and replace with the following:

- .3 In the event of a Period of Delay, the Contractor agrees to pay the Agency liquidated damages in the amount of ten thousand dollars (\$10,000) for each calendar day of the Period of Delay Substantial Performance of the contractor remains outstanding, as determined by the Design Engineer.” “In the event the Contract reaches Substantial Performance prior to August 30, 2013, or within 60 days after TP6B contractor provides Substantial Performance Notification (which ever comes first), a \$10,000 bonus for each day, up to a maximum of thirty days. The maximum bonus on this Contract shall not exceed \$300,000 dollars.

3) **SECTION 01 22 00 – MEASUREMENT AND PAYMENT**

(a) Page 2, add at the end of item 3 the following:

This item includes all labour, materials and equipment necessary to implement the Contractor Traffic Responsibilities, reference Appendix F of the Environmental Protection Plan. Traffic management also includes management of imported fill transportation management.

(b) Page 3, item 8, line 4, change “excluding sediment and erosion control measures which will be paid under a separate item” to read “excluding ‘traffic management and control’ and ‘sediment and erosion control measures’ which will be paid under separate items”

4) **SECTION 01 52 00 – CONSTRUCTION FACILITIES**

(a) Page 3, add new clause 1.12.1.5 as follows:

.5 Special Case for imported fill transportation vehicles only:

.1 The contractor shall develop an imported fill transportation management plan which encompasses a clean route for all imported fill material transporting vehicles at the TP7 site. The clean route will establish a travel route directing the safe passage away from impacted materials on the TP7 site and ensuring contact with non-impacted material only. The contractor will establish equipment monitoring and tire wash area in an area on the boundary of the inner cordoned area and with needed cleaning supplies (e.g. water hoses and scrub brushes) to remove any non-impacted material from the vehicle surface prior to vehicles leaving the work site. Should the contractor's implementation of their clean imported fill transportation management plan not be successful, all imported fill material hauling vehicles will be directed to the TP2 washing facilities prior to departure on public roads, as per sub-sections 1.12.1.4 above. This bypass of TP2 is exclusively for vehicles transporting imported fill onto the site.

.2 Submit preliminary Imported Fill Transport Management Plan with tender evaluation package.

.3 This plan will then be updated throughout the phases of the project to meet evolving site conditions and in coordination with other construction element activities.

5) **APPENDIX B - ENVIRONMENTAL PROTECTION PLAN**

(a) Section 3.1.1.2 Protective Measures, Page 17 of EPP, last two paragraphs replace with the following:

“If the TP7 Contractor(s) need to construct any secondary access roads, within the TP7 work area which are to be used for TP7 activities, these roads will be maintained by the TP7 Contractor(s) including surface water management along haul routes (including water diversion ditches and/or piping to settling ponds or reservoirs, if required). The condition of these secondary access roads will be inspected once every four (4) hours during construction activities and documented by the Contractors' EM for evaluation of compliance with the requirements.

Particulate matter resulting from the use of secondary roads that the Contractor(s) may need to construct for their specific activities will be maintained by the Contractor. Maintenance will include employment of appropriate dust control measures including, but not limited to, the application of water and/or magnesium chloride”.

(b) Appendix C Environmental Inspection Log, Page C-5 of EPP, bullet 6, Air Emission Control Measures, replace with the following:

6. Air Emission Control Measures:

- a. Acceptable: If measurement by Air Monitoring Consultant at the fence line and source(s) is less than or equal to: 8ppm averaged over the working day (from 8-12 hours); or 0.66 ppm averaged over 15 minutes.
- b. Not Acceptable: If measurement by Air Monitoring Consultant at the fence line and source(s) is greater than: 8ppm averaged over the working day (from 8-12 hours); or 0.66 ppm averaged over 15 minutes.

These changes require a revision to the Closing Date as outlined in 1(a).

In your bid, please indicate that you have noted this change by including the words “Includes Addendum # 001” on your *Bid Form*. If there is more than one (1) Addendum issued for this tender, please acknowledge each separately on your *Bid Form*.

Yours truly,



Dawn Mac Neil
Contract Manager
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Evaluator's Name: _____ (please print)

**CONTRACT REVIEW (Insert date(s) of review here)
TECHNICAL EVALUATION SCORE SHEET (TESS)**

Remediation of Tar Ponds and Coke Ovens Sites – TP7 North & South Ponds Surface Cap

Bidding Contractor: _____

PRINCIPAL EVALUATOR: _____

INTRODUCTION

The Scope of TP7 North & South Ponds Surface Cap is for the Contractor to (i) place a composite cap over completed solidified and stabilized contaminated sediments (work done by others) and (ii) provide a proper interface of the surface cap with existing brook channels. The selected Contractor will provide all materials, labour, equipment and maintenance to complete this work as per the Milestone Schedule.

EVALUATION CRITERIA

1. Experience

The Bidder's Technical Submission shall provide evidence of firstly the placement of composite/complex surface caps utilizing highly engineered compacted fills and geosynthetics in remediation of contaminated sites and secondly proven capability and project management in a sophisticated multi-stakeholder project context.

The Bidder shall provide detailed descriptions of at least five (5) projects of comparable complexity and comparable size. At a minimum the project descriptions are to include: the type and cross-section of cover; source of backfill material; areal extent and volumes of material placed; and highlights of any especially challenging issues that were overcome.

The Bidder shall also provide resumes for key personnel, Project Manager, Quality Control Supervisor, Site Superintendent, Supervisory Staff and Technical Leads. The site superintendent shall have at least 15 years construction experience with 5 years or more in soils placement. Supervisory staff shall have at least 10 years construction experience and 5 years or more in soils placement. Other key personnel (Project Manager, Quality Control Supervisor and Technical Leads) shall have demonstrated soils placement experience. Organization charts are to be provided from both a corporate level and a field level.

MAXIMUM POINTS: 20

(Instructions to Evaluators: Project Experience: Total 10 points, 2 points per project. Personnel: Total 10 points, 2 points for organization charts and 8 points for resumes).

POINTS ASSIGNED: PRELIMINARY _____ FINAL (COMPLETE AT MEETING) _____

NOTES:

<p>EVALUATORS, NOTE: PLEASE ENSURE THAT SCORES AND COMMENTS REFLECT YOUR FINAL POSITION AT THE CLOSE OF DISCUSSION</p>

2. Work Plan – Construction of Surface Cap

The critical element to the successful placement of the composite/complex surface cap over the north and south tar ponds is the ability to effectively and efficiently meet the technical requirements of the Specifications and Drawings. The Bidder's Technical Submission shall include a Surface Cap Work Plan detailing their approach, methods and procedures to construct the cap; this will include addressing at least the following sub-components: sourcing and delivery of suitable backfill materials; rough grading surfaces prior to cap placement; placing Geo-composite drainage layer (GCDL) and geo-synthetic clay liner (GCL); placing protective layer and soils, transitioning from surface cap to existing brook channels. Some of the key factors to be addressed in outline in the Bidder's Surface Cap Work Plan are:

- (i) sourcing and delivery of suitable backfill materials - location of borrow pits/other source locations with respect to the work site, status of permitting of each source operation, transportation routing from source to work site, stockpiling of materials, any site-specific restrictions, etc.;
- (ii) rough grading surfaces prior to cap placement – survey and grade controls, typical methods and equipment to place, compact, correct soft spots, scarify, etc.;
- (iii) placing Geo-composite drainage layer (GCDL) and geo-synthetic clay liner (GCL) – methods, techniques and sequencing of placing both geosynthetics, weather related precautions, etc.;
- (iv) placing protective layer and soils – survey and grade controls, typical methods and equipment to place, compact, correct soft spots, scarify, etc.;
- (v) transitioning from surface cap to existing brook channels.; and
- (vi) Specific initiatives and innovations to ensure effective and efficient completion of the work.

MAXIMUM POINTS: 50

(Instructions to Evaluators: (i) Sourcing 10 points; (ii) Rough Grading 10 points; (iii) Placement of Geosynthetics 10 points; (iv) Placing Protective Fills 10 points; (v) Transition from Cap to Channels 5 points; initiative/innovation 5 points.)

POINTS ASSIGNED: PRELIMINARY _____ FINAL (COMPLETE AT MEETING) _____

NOTES:

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3. Compliance with Construction Quality Control Requirements

A key component of success of this work is a sound appreciation of the broader overall project context especially the requirements for the highest level of quality control. The Bidder's Technical Submission should outline specific measures to demonstrate how they will provide effective quality control within the overall project context, for example: quality management, project reporting, project administration, document control and management of effective response times. In particular, the Bidder's will outline their approach to meet the requirements of the following:

- (i) the Project Quality Control Plan (reference Specification 01 45 00), and
- (ii) the technical Contractor's Quality Control requirements of the following:
 - a. Specification 31 05 17 Aggregate Materials #2.2 Source Quality Assurance
 - b. Specification 31 22 13 Rough Grading #3.4 Quality Control
 - c. Specification 31 22 16 Cohesive Soil Backfill #3.8 Quality Control
 - d. Specification 31 23 10 Excavating, Trenching & Backfilling #3.9 Quality Control
 - e. Specification 31 32 23 Geosynthetic Clay Liner #3.2 Quality Control
 - f. Specification 31 37 10 Rip Rap #3.2 Quality Control
 - g. Specification 32 31 13 Chain Link Fences & Gates #3.2 Quality Control
 - h. Specification 32 91 21 Top Soil Placement & Grading #3.7 Quality Control
 - i. Specification 33 46 16 Geo-composite Drainage Layer #3.6 Conformance Testing
- (iii) And any other additional quality control measures to be used in the work.

MAXIMUM POINTS: 10

(Instructions to Evaluators: (i) 4 points; (ii) 4 points; (iii) 2 points).

POINTS ASSIGNED: PRELIMINARY _____ FINAL (COMPLETE AT MEETING) _____

NOTES:

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4. Compliance with Environmental Protection Plan

The Environmental Protection Plan (EPP) and Specifications included in the Tender Package provide requirements for minimizing potential impacts of construction activities on the receiving environment. The Bidder's Technical Submission should outline specific measures to control their work and maintain compliance with the requirements of the EPP and Specifications, addressing in particular the following:

- (i) Overall approach to implementation of the EPP
- (ii) Specific approach to ensure effective:
 - a. construction water management
 - b. transportation management (including a preliminary imported fill transportation plan, reference Specification 01 52 00 #1.12.5),
 - c. dust control and sediment control

MAXIMUM POINTS: 10

(Instructions to Evaluators: (i) 2 points; (ii) (a) 3 points, (ii) (b) 3 points, and (ii) (c) 2 points).

POINTS ASSIGNED: PRELIMINARY _____ FINAL (COMPLETE AT MEETING) _____

NOTES:

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5. Project Management

One of the vital elements of success in this work is experienced comprehensive project management. The Bidder's Technical Submission should outline specific measures to demonstrate how they will provide such effective project management within a sophisticated multi-stakeholder project environment. In particular, the Bidder's will outline their approach to the following:

- (i) Overall project management (including Project delivery, Labour resource management [direct and sub-contractors], Project safety and coordination of construction safety, etc.)
- (ii) Coordination with other contractors
- (iii) Effective use of scheduling as a management tool to meet project Milestones including a detailed project schedule listing start date and duration for major tasks. Completion dates for major milestones shall be provided. The Bidder is to include a discussion on the assumptions built into their submission, as well as proposed ways to advance the schedule if delays arise.

MAXIMUM POINTS: 10

(Instructions to Evaluators: (i) 4 points; (ii) 3 points ; (iii) 3 points.)

POINTS ASSIGNED: PRELIMINARY _____ FINAL (COMPLETE AT MEETING) _____

NOTES:

<p>EVALUATORS, NOTE: PLEASE ENSURE THAT SCORES AND COMMENTS REFLECT YOUR FINAL POSITION AT THE CLOSE OF DISCUSSION</p>

**INDIVIDUAL TECHNICAL EVALUATION SUMMARY
TECHNICAL EVALUATION SCORE SHEET (TESS)**

Remediation of Tar Ponds and Coke Ovens Sites – TP7 North & South Ponds Surface Cap

Bidding Contractor: _____

PRINCIPAL EVALUATOR: _____

**RECOMMENDATION
TO BE COMPLETED AFTER REVIEW DISCUSSION**

<u>SCORE SUMMARY</u>			
Criterion 1: Experience (Maximum Points 20)			
CRITERION 1 - POINTS SCORE			
Criterion 2: Work Plan Construction Surface Cap (Maximum Points 50)			
CRITERION 2 - POINTS SCORE			
Criterion 3: Compliance with Construction Quality Control Requirements (Maximum Points 10)			
CRITERION 3 - POINTS SCORE			
Criterion 4: Compliance with EPP (Maximum Points 10)			
CRITERION 4 - POINTS SCORE			
Criterion 5: Project Management (Maximum Points 10)			
CRITERION 5 - POINTS SCORE			
TOTAL POINTS SCORE FOR THE PROPOSAL			

___ Acceptable proposal: proposal score is 75 or greater and contains no major deficiencies is complete in itself, and no additional information is required for the reviewers to determine that the

EVALUATORS, NOTE: PLEASE ENSURE THAT SCORES AND COMMENTS REFLECT YOUR FINAL POSITION AT THE CLOSE OF DISCUSSION

bidder can fulfill the minimum requirements of the contract requirements, although additional information may be required for clarification.

____ Unacceptable proposal: proposal score is less than 75 and/or contains deficiencies which are so substantive as to preclude any possibility of it being upgraded to a level that meets the minimum requirements of the contract requirements, except through major revisions and additions which would be tantamount to the submission of a new proposal.

EVALUATOR's NAME (please print) _____

SIGNATURE _____

DATE _____

EVALUATORS, NOTE: PLEASE ENSURE THAT SCORES AND COMMENTS REFLECT YOUR FINAL POSITION AT THE CLOSE OF DISCUSSION