



Response to Queries/Clarifications
from Design Engineer
to the Sydney Tar Ponds Agency

Tender # STPA2008S-22
Tender Title: Flow Diversion – TP6A
Date: 03 December 2008
To: Jerome MacNeil, Contract Manager
From: S. Kelly

Query/Clarification: Questions submitted

[REDACTED]

• Drawing TP6-DWG-C-203 has a note under the Access Road cul-de-sac that states the “Existing property lines must be verified in the field”. Does this surveying responsibility fall under this Tender?

Response: This is outside the Limit of Working Area as shown on Drawing TP6-DWG-N-103. Property pins / lines close to limit of work have to be verified to prevent encroachment on adjacent properties.

• With the additional unit price Item 16 added in Addendum #2, will there still be a requirement to submit a price for Item 3, *Collection of Wastewater?*

Response: No, Paragraph 3, *Collection of Wastewater*, will be removed in Addendum 3.

• Addendum #2 removed the Water Well Decommissioning requirements from the EPP. Has unit price Item 5 been removed from the Unit Price Bid Form as well?

Response: Yes it will be removed in Addendum 3.

• During the installation of the H Piles of this project, will the Contractor be allowed to build temporary access roads into the pond(s) for installing rocket sockets and sheet piling?

Response: Yes. As per Specification Section 01 11 00 Summary of Work Paragraph 1.3:

.9 General civil works to support the Contract includes:

.1 Selective demolitions and transport of debris; construction of access roads and laydown

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areas; installation of security fencing; installation of silt curtains; temporary diversion of the Ferry St sewer line; and Environmental Protection requirements.

Specification 32 11 19 Granular Sub-base applies.

• Addendum #2 has added the requirement for *Construction Water Treatment*, can the STPA provide the sampling frequency required for continuous flow and discharge through a temporary treatment system (e.g., one influent and one effluent sample per day for the first week, then one sample per week)?

Response: The Agency, in general term, is in agreement with the process recommended. An addendum will be produced to qualify the requirement.

• In Section 3.2.7.2.a), of the EPP in Addendum #2, the second bullet states that water shall be collected in a sealable, marked container or AST until analytical test results are obtained. We anticipate that a considerable amount of construction water will be generated during the construction of the pump stations. If the water is to be stored per Addendum #2 while awaiting analytical data, then this will require a large amount of water storage capacity which will necessitate a large laydown area and add cost to the Tender. Will the agency consider a proof of process test for the first 20,000 gallons to prove that the Contractor's temporary treatment system is working in accordance to the specifications and then allow continuous discharge with confirmatory sampling on a weekly or per gallon basis?

Response: The Agency, in general term, is in agreement with the process recommended. An addendum will be produced to qualify the requirement.

• Can the STPA provide the Bidders with an estimated flowrate required for the construction dewatering temporary treatment system?

Response: Flow rate is dependant on the Contractor's means and methods.

• The Revised TP6 Construction Milestone Schedule provided in Addendum #2 depicts shortened durations for the overall schedule and, in particular, Activity ID TP6FD0030 [Install Pumping Systems] has been reduced from 142 days to 130 days. We are of the opinion that work of this activity cannot be completed within this timeframe due to the following factors:

o The pump delivery from the manufacturer has a 126 to 210 day lead time after approval of shop drawings, depending on which pump manufacturer is chosen;

o There is a lead time of approximately 70 days to construct the temporary stormwater treatment system required for the project;

o Construction of the trestles inclusive of the rock drilling and H Pile installation will require extensive field fabrication and welding; and

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o Weather delays may be problematic and slow progress of work. To avoid the Bidders from adding additional undue costs into their bid to cover the cost of liquidated damages (\$5,000/day) for schedule contingency, would the STPA consider extending the schedule for this activity from 130 days to 240 days?

Response: As per Addendum 2, Specification Section 00 41 43 Unit Price Bid Form Page 7, the first milestone date September 10, 2009, is irrevocable based upon commencement of Design Element TP6B.

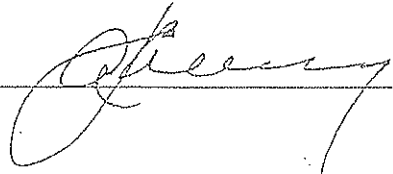
• Would the STPA consider an alternative design, proposed by the Contractor, for the cut-off walls? For example, utilizing welded connections has opposed to field drilling bolted connection of steel.

Response: Any substitution can be considered after award of the contract in accordance with Specification 01 23 10 Substitutions.

Does this query/clarification warrant an Addenda? Yes No.

Addendum 3 is currently under production. An additional addendum will be required for the management of construction water.

Signature: _____





Date: _____

03 December 2008



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Tender # STPA2008S-22
Tender Title: Flow Diversion – TP6A
Date: 04 December 2008
To: Jerome MacNeil, Contract Manager
From: S. Kelly

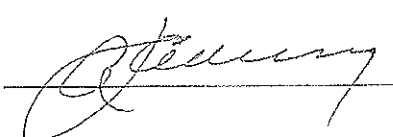
Query/Clarification: Question submitted to the Agency 


Our pump people are very concerned about the suction head from the Ferry Street structure. Could the area where you did your test cells be used?

Response: The Design Engineer consider this option during the design stage but decided to use the outlet structure from the first phase as the inlet structure for the second phase to avoid the additional cost of constructing another chamber.

Does this query/clarification warrant an Addenda? _____ Yes No.

Addendum not required as any substitution can be considered after award of the contract in accordance with Specification 01 23 10 Substitutions.

Signature: 

Date: 04 December 2008