

May 25, 2016

TO: All Interested Parties

RE: ADDENDUM NO. 1 FOR Treatment – Chino Basin VOC Plant, Project No. 422-83020

The attached Addendum (5 pages) revises the Contract Documents:

Treatment – Chino Basin VOC Plant, Project No. 422-83020

Please incorporate the revision in your proposal document. Failure to acknowledge receipt of this Addendum may result in rejection of your bid.

Sincerely,

Timotheus Hampton, PE
Senior Water Resources Engineer

Attachments

cc: File

ADDENDUM NO. 1

**CITY OF POMONA
PUBLIC WORKS DEPARTMENT**

Treatment – Chino Basin VOC Plant, Project No. 422-83020

The following change shall be made part of the Contract Document for:

Treatment – Chino Basin VOC Plant, Project No. 422-83020

The Bidder shall acknowledge the Confirmation of Receipt of Addendum No. 1 for the subject project.

ANSWERS TO AND SUBMITTED QUESTIONS:

1. **Pages 3, 4, and 5** from the original were not included. I'm assuming there were no changes to that portion of the original bid doc – Please confirm
 - a. Yes there were no changes to these pages.
2. **Page 2, 2.1.3, Design, second bullet** – requires SCADA integration services, but at the job work you stated that threes services were not required; which is correct.
 - a. SCADA integration services will not be required.
3. Please provide a definition for the word ‘recent’ as used on **Page 6, 4.2.1**
 - a. 10 (ten) years
4. **Page 8, item #3** – the last sentence requires an underdrain capable of 1,100 gpm. That flow rate is consistent with a 12-foot diameter vessel. A 10-foot system will result in a 7 psi drop at 750 gpm whereas a 12-foot system (side shell 5-foot) will produce a 7-8 psi drop at 1,100 gpm. Lower system headloss lowers annual energy cost to the owner. Is that desirable for the City? Can the side shell minimum diameter be reduced to 5-feet?
 - a. Yes, and side shell minimum diameter listed in table in **PART 1 Section A, 3** is reduced to 5-feet.
5. **Page 9, item #5** – please identify what flow rate the EBCT should be calculated at?
 - a. Please provide EBCT for as per the table below:

Well Name	Flow Rate (gpm)
W05B	950
W06	950
W16	1000

6. **Page 10, C. Process Piping** – Can these system be manufactured with welded steel manifold piping and flanged connections from the manifold to the vessels in-lieu of the use of flexible couplings?
 - a. Yes, this is an acceptable design.
7. **Page 10, G, d** – Does the truly want a pharmaceutical grade carbon.

- a. After careful consideration, these requirements are deleted.
8. **Page 10, G, e** – calls for 100% reagglomerated coal based carbon. Then it eliminates the use of coconut carbon.
- a. Since the City plans to make a final selection between coal based carbon and coconut based carbon using Isotherm testing; **Part 2 Section G, e** is revised to read: “The GAC must be either bituminous coal based or coconut shell based carbon as specified in Item K of this specification.
- Also **Part 2 Section K** is revised as follows: “Product as packaged (confirmed by pre-shipment sample testing) shall meet the following specifications or approved equivalent:

Analysis	Value	Test Method
Type	Bituminous Coal	
Iodine Number (mg/g), min.	900	ASTM D4607
Moisture, weight %, max.	5%	ASTM 2867
Apparent Density	0.35 – 0.55g/ml	ASTM 2854
Uniformity Coefficient, max.	2.0	ASTM 2862
Abrasion No., min.	75	AWWA B604
Hardness No., min.	90	ASTM D3902-79
Screen Size (US Sieve), weight % *Larger than No.12, max *Smaller than No. 40, max	5% 4%	ASTM 2862
Ash, Max	10%	ASTM 2866

Analysis	Value	Test Method
Type	Coconut	
Iodine Number (mg/g), min.	1100	ASTM D4607
Moisture, weight %, max.	5%	ASTM 2867
Apparent Density	0.45 – 0.53g/cc	ASTM 2862
Uniformity Coefficient, max.	1.7	ASTM 2862
Abrasion No., min.	70	AWWA B604
Hardness No., min.	98	ASTM D3902-79
Screen Size (US Sieve), weight % *Larger than No.12, max *Smaller than No. 40, max	5% 5%	ASTM 2862
Ash, Max	4%	ASTM 2866

9. **Page 10, H** – The last sentence the states “the city reserves the right to inspect the facility”; would the Design/Builder be responsible for these expenses?
- a. No, if the City decides to “inspect the facility” all expenses will be paid by the City of Pomona.

REVISIONS TO THE REQUEST FOR PROPOSALS:

1. The Price Proposal is revised as attached.

*****END ADDENDUM NO. 2 *****

PRICE PROPOSAL

CONTRACT PRICE AND PROPOSED WORK ITEM PRICES

The Contract Price is effective on the Proposal Submission Date and will remain fixed until the Notice to Proceed or 90 days of the Proposal Submission Date, whichever occurs first.

By (Authorized Signatory)

DATE: _____

Title of Authorized Signatory

PRICE PROPOSAL

Detailed Breakdown of Base Contract Price

PRICE

Evaluation and Design Services (no more than 7% of Base Contract Price):

Detailed Design (Specifications, Drawings and all support services)	\$ _____
Subtotal	\$ _____

Construction Services:

Site Work:

Adsorber vessel	\$ _____
Manufacturer Name & Model Number:	
Granular Activated Carbon (Coconut 60k lbs.)	\$ _____
Manufacturer Name & Model Number:	
Granular Activated Carbon (Bituminous Coal 60k lbs.)	\$ _____
Manufacturer Name & Model Number:	
Civil Site Work	\$ _____
Other (Specify): _____	\$ _____
Subtotal	\$ _____

Other Construction Services

Mobilization (no more than 4% of Base Contract Price)	\$ _____
Demobilization (no less than 1% of Base Contract Price)	\$ _____
General Requirements (no more than 5% of Base Contract Price)	\$ _____
Record Documents (no less than 0.2% of Base Contract Price)	\$ _____
Acceptance Test and Report (no less than 10% of Base Contract Price)	\$ _____
Other (Specify): _____	\$ _____
Subtotal	\$ _____

TOTAL BASE CONTRACT PRICE \$ _____