



City of Grand Island

Tuesday, June 27, 2006

Council Session

Item G7

#2006-180 - Approving Change Order No. 1 to the Contract with the Starostka Group Unlimited, Inc. for the UV Disinfection System for the Wastewater Treatment Plant; Project 2004-WWTP-1

Staff Contact: Steven P. Riehle, Public Works Director

Council Agenda Memo

From: Steven P. Riehle, Public Works Director

Meeting: June 27, 2006

Subject: Approving Change Order No. 1 to the Contract with the Starostka Group Unlimited, Inc. for the UV Disinfection System for the Wastewater Treatment Plant; Project 2004-WWTP-1

Item #'s: G 7

Presenter(s): Steven P. Riehle, Public Works Director

Background

The City Council awarded the bid for the construction of the Ultra Violet Disinfection System for the Wastewater Treatment Plant on May 24, 2005. The Notice to Proceed Date for the project was issued on July 1, 2005 with a contract time allowance of 365 calendar days and a completion date of July 1, 2006.

Discussion

Modifications to the contract were made which increase the contract amount by \$1,976.75. A detailed break down of the modifications is shown on the attached Contract Modification Document.

Due to weather conditions, as specified on the attached letter dated May 26, 2006, the contractor is requesting an additional thirteen (13) days to complete the project. In addition one (1) more day is being requested to complete the installation of a concrete beam as identified in Change Order No.1 item No. 4.

The proposed modifications and request for additional days are deemed reasonable and approval is recommended.

Alternatives

It appears that the Council has the following alternatives concerning the issue at hand. The Council may:

1. Move to approve Change Order No. 1.
2. Refer the issue to a Committee.
3. Postpone the issue to future date.
4. Take no action on the issue.

Recommendation

City Administration recommends that the Council approve Change Order No. 1 for modifications to the contract and increase the contract time allowance by fourteen (14) days.

Sample Motion

Motion to approve Change Order No. 1.

CH2M HILL
445 Executive Center Blvd.
Suite 110
El Paso, TX 79902
Tel 915.543.9089
Fax 915.545.2859



May 26, 2006

156130.CS.CO

Mike Huffaker
Starostka Group Unlimited, Inc.
429 Industrial Lane
Grand Island, Nebraska 68803

Subject: Change Order Request - Time Extension for Weather Delay
Reference: *Starostka Letter, dated May 8, 2006 regarding Grand Island WWTP, UV Disinfection System*

Dear Mr. Huffaker:

We received your request for additional contract time as referenced above. An additional duration of 13 days was requested to be added to substantial completion and to final completion. These days were requested due to the Contractor's inability to work on the site due to snow or rain.

CH2M HILL has reviewed this request and compared the weather reports for these days. An addition of 13 calendar days are approved to be added to substantial and final completion. Weather caused delays on the following days: August 17, 2005, October 11, 2005, October 22, 2005, November 28, 2005, November 29, 2005, November 30, 2005, December 13, 2005, March 20, 2006, March 21, 2006, March 22, 2006, March 23, 2006 March 30, 2006 and April 7, 2006.

If you have any questions, please contact Scott Higbee at (915) 543-9089 ext. 11.

Sincerely,

CH2M HILL

Scott Higbee, P.E.
Project Manager

cc: Roger Scott/City of Grand Island
file

City of Grand Island
100 East 1st Street
Grand Island, Nebraska 68801

CHANGE ORDER NO. 1

PROJECT: UV Disinfection System for the Wastewater Treatment Plant; Project 2004-WWTP-1

CONTRACTOR: The Starostka Group Unlimited, Inc. 429 Industrial Lane, Grand Island, NE 68803

CONTRACT DATE: June 22, 2005

AMOUNT OF ORIGINAL CONTRACT: \$1,879,400.00

The following modifications to the contract are hereby agreed to.

See attached Contract Modification Document CO-1 dated June 6, 2006 for the detailed breakout of the modifications. Weather conditions (13 days) impacted the ability of the contractor to complete the project as scheduled. See attached letter from CH2M Hill dated May 26, 2006 for details. Item No.4 of the Contract Modification Document required one (1) additional day.

The changes result in the following adjustment of Contract Price and Contract Time:

Contract Price Prior to This Change Order\$ 1,879,400.00

Net Increase/Decrease Resulting from this Change Order\$ 1,976.75

Revised Contract Price Including this Change Order.....\$ 1,881,376.75

Contract Time Prior to This Change Order/Calendar Days - Substantial Completion365 days

Net Increase Resulting from This Change Order14 days

Current Contract Time Including this Change Order Phase I&II-Substantial Completion.....379 days

Approval Recommended:

City of Grand Island
Owner

By _____
Steven P. Riehle, Public Works Director

Date _____

The Above Change Order Accepted:

The Starostka Group Unlimited, Inc.
Contractor

By _____
Name, Title

Date _____

Approved for the City of Grand Island

Jay Vavricek, Mayor

Attest: _____
RaNae Edwards, City Clerk

Date _____



CONTRACT MODIFICATION

CHANGE ORDER

WRITTEN AMENDMENT

MODIFICATION NO: CO-1

TO CONTRACTOR: Starostka Group Unlimited, Inc.

PROJECT: UV Disinfection System, Project 2004-WWTP-1 PROJECT NO: 156130.CS.CO

OWNER: City of Grand Island

ENGINEER: CH2M HILL

The following modification(s) to the Contract are hereby ordered (use additional pages if required):

- 1) Modify Drain Piping at manhole as follows: (Add \$3,111.65)
 - a. Revise Drawing 5-C-1 as shown on the attached Sketch FO3-1 dated September 20, 2005. Change the elevation connection of the 4" D pipe and the 6" PD piping to the manhole
 - b. Revise Drawing 10-M-3 to add the drain line profiles as shown on the attached Sketch FO3-2 dated September 20, 2005.
- 2) Drawing 25-E-1, Modify this sheet to move the listed electrical equipment into the Electrical Building. These modifications are as shown on the attached drawings, FO4 Sketch 1 and FO4 Sketch 2, dated February 17, 2006. (Add \$4,045.70)
 - a. The location of the new 800A switchboard (SWBD) shall be changed from the Raw Water Pump Station (RWPS) to the Electrical Building.
 - b. Relocate the existing 800A automatic transfer switch (ATS) for MCC-1 from the RWPS to the Electrical Building.
 - c. Relocate the existing 200A ATS for MCC-NP from the RWPS to the Electrical Building.
 - d. Modify routing of all feeder circuits to and from the affected electrical equipment.
- 3) Modify the pilasters as shown on the attached sketch CO1-1 and CO1-2 dated August 25, 2005. (Add \$280.00)
- 4) Add concrete beam at Parshall Flume Stairs as shown on the attached sketch CO1-3 and CO1-4 dated January 31, 2006. (Add \$750.00).
- 5) Modify the finger weir system to change bolting to welded connections as shown on the attached sketches CO1-5, CO1-6, CO1-7 and CO1-8 dated June 17, 2005. Includes the addition of two channels. (Deduct \$-2,702.87)
- 6) Modify the roof as described in RFI # 22. Includes credit for precast finish. (Deduct \$-2,072.73)
- 7) Modify Drawing 10-AS-6 to delete the three windows on the West Elevation. (Deduct \$-650.00)
- 8) Use Owner-furnished materials for the brick veneer. (Deduct \$-275.00)
- 9) Specification section 11282 2.7. C. Delete staff gauges. (Deduct \$-250.00)
- 10) Modify Drawing 10-M-1 to route the roof drain to the interior of the building. (Deduct \$-260.00)

Reason for Modification(s):

- 1) The existing underground electric duct was larger than expected. This interfered with the routing elevation of the drain pipe and the process drain pipe.
- 2) Relocating the automatic transfer switches to one location at the Switchgear Building (bldg #20) improves the contractor's installation requirements of the new 800 amp switchboard and redirects wire lengths to the shortest distance.
- 3) Added reinforcing to pilasters was necessary to show complete connection with the base slab.
- 4) The grating and stairway were not sufficiently supported at the connection to the existing structure.
- 5) The finger weirs were modified to allow a deductive cost to the project as part of a contractor request.
- 6) The roof needed to be modified because the precast panels were finished incorrectly. A different roof system was needed.
- 7) The windows were left out of the original construction. This change deleted them from the contract.
- 8) Owner requested change to provide this material.
- 9) Owner requested to delete the staff gauges from the slide gates.
- 10) Owner request to minimize wall penetrations.

Attachments (List Supporting Documents):

Field Order No. 3

Field Order No. 4

RFI # 22

Contract Amount or Price		Contract Times (Calculate Days)	
Original	\$ 1,879,400.00	Original Duration	365 Days
Previous Contract Modification(s) (Add/Deduct)	\$ 0	Previous Contract Modification(s) (Add/Deduct)	0 Days
This Contract Modification (Add)	\$ 1,976.75	This Contract Modification (Add/Deduct)	14 Days
Revised Contract Amount	\$1,881,376.75	Revised Contract Time	379 Days

The Revised Contract Completion Date is:

July 15 , 20 06

Owner	Contractor	Engineer Recommendation
By: <u>Ben Trayn</u>	By: <u>Michael J. [Signature]</u>	By: <u>[Signature]</u>
Date: <u>6 June 06</u>	Date: <u>5-31-06</u>	Date: <u>30. May. 2006</u>

R E S O L U T I O N 2006-180

WHEREAS, on May 24, 2005, by Resolution 2005-153, the City of Grand Island awarded a bid in the amount of \$1,879,400 for UV Disinfection System (Project 2004- WWTP-1) to the Starostka Group Unlimited, Inc. of Grand Island, Nebraska; and

WHEREAS, modifications to such contract are necessary and have been incorporated into Change Order No. 1; and

WHEREAS, the result of such modifications will increase the contract amount by \$1,976.75 for a revised contract price of \$1,881,376.75; and

WHEREAS, the contract required the project to be completed within 365 days, however weather conditions throughout the contract period impacted the ability of the Starostka Group Unlimited, Inc. to complete the project as scheduled; and

WHEREAS, the Starostka Group Unlimited, Inc. is requesting an additional 13 days to complete such project due to weather delays; and

WHEREAS, one more day is also being requested to complete the installation of a concrete beam which is being added to the contract pursuant to Change Order No. 1; and

WHEREAS, such contract extension is reasonable and acceptable.

NOW, THEREFORE, BE IT RESOLVED BY THE MAYOR AND COUNCIL OF THE CITY OF GRAND ISLAND, NEBRASKA, that the Mayor be, and hereby is, authorized and directed to execute Change Order No. 1 between the City of Grand Island and the Starostka Group Unlimited, Inc. of Grand Island, Nebraska to provide the modifications set out as follows:

Modify drain piping at manhole.....	3,111.65
Modify Drawing 25-E-1 re: electrical equipment.....	4,045.70
Modify pilasters on sketch CO1-1 and CO1-2.....	280.00
Add concrete beam at Parshall Flume Stairs.....	750.00
Modify finger weir system.....	(2,702.87)
Modify roof per RFI #22.....	(2,072.73)
Modify Drawing 10-AS-6 re: windows on west elevation.....	(650.00)
Use of owner-furnished material for brick veneer.....	(275.00)
Delete staff gauges per Specification section 11282 2.7.C.....	(250.00)
Modify Drawing 10-M-1 re: routing of roof drain.....	(260.00)

Approved as to Form <input type="checkbox"/> _____ June 22, 2006 <input type="checkbox"/> City Attorney
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BE IT FURTHER RESOLVED, that such contract is hereby extended for an additional 14 days.

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Adopted by the City Council of the City of Grand Island, Nebraska, June 27, 2006.

Jay Vavricek, Mayor

Attest:

RaNae Edwards, City Clerk