

PORT ST. LUCIE CITY COUNCIL
AGENDA ITEM REQUEST

COUNCIL ITEM 7B
DATE 12/5/11

Meeting Date: December 5, 2011

Public Hearing Ordinance Resolution Motion

Item: Contract #20100074 CO #1 – Prineville Water Treatment Plant RO Injection Well No. 1 and Wellhead Appurtenances

Recommended Action:

- 1) Approval of Change Order #1 to Youngquist Brothers, Inc. for the construction of the Prineville Water Treatment Plant RO Injection Well No. 1 and Wellhead Appurtenances in the amount of a net decrease of (\$148,466.49) and an additional 153 calendar days for final completion. New Contract amount is \$4,544,133.51 and Contract period will be 483 calendar days.

Exhibits: Department memo attached [X] yes [] no
Contract Documents

Summary Explanation/Background Information: The City currently has a Master Contract with Youngquist Brothers, Inc. for deep injection well construction. A proposal was submitted from Youngquist Brothers, Inc. in the amount of \$4,692,600.00 for the construction of the Prineville Water Treatment Plant RO Injection Well No. 1 and Wellhead Appurtenances project. Youngquist has completed all project work including all punch list field items. The well is currently in service to the City and serves as the primary method of disposal of concentrated fluids from the Prineville Reverse Osmosis Water Treatment Plant. This change order includes a net decrease in the amount of (\$148,466.49). It also includes an increase in contract time of 153 calendar days needed to resolve construction and regulatory issues with sampling in the lower monitoring zone.

The Utilities Department recommends approval of this change order.

Purchase is budgeted.

Expenditure: **(\$148,466.49) & 153 additional calendar days**

Department requests expenditure from the following:

Fund	445	2006 Bond Issue Fund
Cost Center	3310	Plant Operations
Object Code	563000	Improvements O/T Building
Project	27507	Prineville Deep Injection Well

Director of OMB concurs with award: CRP

City Manager concurs with award: JAB

Department requests 0 minutes to make a presentation.

Submitted by: Jesus Merejo Date: 11/23/2011

Title: Utility Director

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City Manager's Office

INTEROFFICE MEMORANDUM

TO: Cheryl Shanaberger, Deputy Director, Office of Management & Budget

FROM: Richard M. Schoenborn, P.E., Civil-Utility Engineer

THRU: Jesus Merejo, Utility Systems Director

SUBJECT: Prineville Injection Well – Contract # 20100074 Change Order No. 1, and Project True-Up

DATE: November 18, 2011

Attached is a copy of Change Order No. 1 for construction of the Prineville WTP Injection Well. Youngquist has completed all project work including all punch list field items. The well is currently in service to the City and serves as the primary method of disposal of concentrate fluids from the Prineville Reverse Osmosis Water treatment Plant. This change order includes a net Contract price decrease of \$148,466.49. It also includes a net increase of Contract time to allow for an increase of total project time to substantial completion from 300 days to 416 days. The additional time was needed to resolve construction and regulatory issues with sampling in the lower monitoring zone.

After reviewing the attached proposal, The Utility Systems Department is in agreement with the scope of work and cost decrease associated. Therefore, it is the recommendation of the Utility that this proposal be presented to the City Council for approval at the next City Council Meeting. Funds for these services are in 444-1340-563005-25508.

Attachments:

Change Order No. 1 Form with backup information
ARMA's Letter of Recommendation
Youngquist Brothers, LLC , ARMA letter of Recommendation

c: Brad Macek, Assistant Director
Laney Southerly, P.E., Engineering Manager
Jeanette Thompson, Manager of Budget and Procurement
Debbie Johnston, Budget and Procurement Specialist
File: 18.0003

18.0003



ARCADIS RMA, Inc.
2081 Vista Parkway
West Palm Beach
Florida 33411
Tel 561.697.7000
Fax 561.697.7751
www.arcadis-us.com

City of Port St. Lucie
900 S.E. Ogden Lane
Port St. Lucie, FL 34983

Attn: Rich Schoenborn, P.E., Project Manager

Subject: Prineville IW1 Time Extension Request and Final Balancing Change Order

WATER RESOURCES

Dear Mr. Schoenborn,

Date:
October 24, 2011

Based on your recent email, it is my understanding the City is requesting Youngquist Brothers Inc. (YBI) most recent pay request (PR #10) for the Prineville WTP Injection Well System project. YBI has completed all field items included on the punchlist by September 23, 2011 to achieve final completion, and PR #10 is the final pay request. It should be noted that the most recent work on the monitor well pump and replacement of electrical junction boxes are considered warranty issues. In order to process the pay request and closeout the Contract, a change order has been executed by YBI and ARCADIS RMA. Three signed originals of the Change Order with supporting documentation are attached. The Change Order includes a reduction in price to balance the final Contract Price. The Change Order also includes a no cost time extension of substantial and final completion.

Contact:
Rodney J. Miller, PG

Phone:
561.697.7044

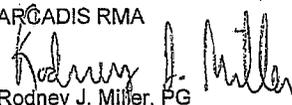
Email:
Rodney.Miller@arcadis-us.com

If the Change Order is acceptable to the City, please execute and provide two signed originals to us at your earliest convenience. The final pay request will then be processed and submitted to the City. Should you have any questions or wish to discuss this further, please call.

Florida License Numbers

Engineering
EB00004757

Sincerely,

ARCADIS RMA

Rodney J. Miller, PG
Hydrogeologist

Copies:
B. Reese
J. Pugsley

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Imagine the result

UTILITY ENGINEERING DIVISION

CONTRACTOR'S
CHANGE ORDER FORM

Project: Prineville WTP R.O. Injection Well and Wellhead Appurtenances

Change Order #1 (Final)

DATE OF ISSUANCE: October 4, 2011

CONTRACTOR: Youngquist Brothers, Inc.

EFFECTIVE DATE: Upon Execution by Last Party

ENGINEER: ARCADIS RMA, Inc.

OWNER'S CONTRACT NO: 20100074

The following changes are hereby made to the Contract Documents:

CHANGE IN CONTRACT PRICE:	CHANGE IN CONTRACT TIMES:
Original Contract Price \$ 4,692,600.00	Original Contract Calendar Days: Substantial Completion: 03/24/11 – 300 days Final Completion: 04/23/11 – 330 days
Net Changes from previous Change Orders No. \$ 0	Net change from previous Change Orders 0 days Subst. Comp. (03/24/11) 0 days Final Comp. (04/23/11)
Contract Price prior to this change Order \$ 4,692,600.00	Calendar days prior to this Change Order Subst. Completion 300 days Final Completion 330 days
Net decrease of this Change Order \$ 148,466.49	Net increase of this Change Order #1 Substantial Completion 116 days Final Completion 37 days
Contract Price with all approved Change Orders \$ 4,544,133.51	Contract calendar days with all approved Change Orders Substantial Completion 7/18/11 (416 days) Final Completion: 9/23/11 (483 days)

Contract No. 2010074 Change Order No. 1

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CHANGES ORDERED:

I. GENERAL: This change order is necessary to cover changes in the work to be performed under this contract. The General Conditions, Supplementary Conditions, Specifications, and all part of the Project Manual listed in Article 1, Definitions of the General Conditions, apply to and govern all work under this change order.

II. REQUIRED CHANGES:

A reduction in price to balance final Contract Price. See attached breakdown

An increase in Contract Time in order complete the lower monitor zone pumping system. See attached letter from Contractor.

III. JUSTIFICATION:

See attached breakdown of price adjustments.

See attached letter from Contractor concerning requested time extensions.

IV. PAYMENT:

The total contract amount is reduced by \$148,466.49 to reflect adjustments in unit prices and unused construction contingency.

V. APPROVAL AND CHANGE AUTHORIZATION:

Acknowledgements:

The aforementioned change and work affected thereby is subject to all provisions of the original contract not specifically changed by this Change Order; and,

It is expressly understood and agreed that the approval of the Change Order shall have no effect on the original contract other than matters expressly provided herein.

Change Order requested by: Youngquist Brothers, Inc.

Change(s) ordered by:

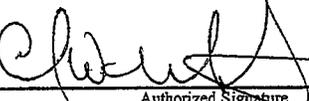
RECOMMENDED BY:

ARCADIS RMA, Inc.
(Engineer)

By: 
Authorized Signature
10/7/11
(Date)

ACCEPTED BY:

Youngquist Brothers, Inc.
(Contractor)

By: 
Authorized Signature
10/6/2011
(Date)

APPROVED BY:

City of Port St. Lucie
(Owner)

By:

(Authorized Signature)

(Date)

**Prineville WTP R.O. Injection Well and Wellhead Appurtenances
Summary of Costs**

Part A: Construction of Injection Well IW1 and Monitor Well MW1 and Concrete Pads

Description	Original Contract Amount	Net Decrease from Change Order No. 1	Contract Amount with Approved Change Order
Part A SOV Unit Prices	\$ 4,243,787.00	\$ 27,666.49	\$ 4,216,120.51
Part A Contingency	\$ 100,000.00	\$ 100,000.00	\$ -
Part A Total	\$ 4,343,787.00	\$ 127,666.49	\$ 4,216,120.51

Part B: Construction of Well Appurtenances

Description	Original Contract Amount	Net Decrease from Change Order No. 1	Contract Amount with Approved Change Order
Part B SOV Unit Prices	\$ 318,813.00	\$ -	\$ 318,813.00
Part B Contingency	\$ 30,000.00	\$ 20,800.00	\$ 9,200.00
Part B Total	\$ 348,813.00	\$ 20,800.00	\$ 328,013.00

Parts A & B: Construction of Wells and Well Appurtenances

Description	Original Contract Amount	Net Decrease from Change Order No. 1	Contract Amount with Approved Change Order
Total SOV Unit Prices	\$ 4,562,600.00	\$ 27,666.49	\$ 4,534,933.51
Total Contingency	\$ 130,000.00	\$ 120,800.00	\$ 9,200.00
Total	\$ 4,692,600.00	\$ 148,466.49	\$ 4,544,133.51

YOUNGQUIST

Youngquist Brothers, Inc.
15465 Pine Ridge Road
Fort Myers, Florida 33908
Tel.: 239-489-4444 / Fax: 239-489-4545

October 3, 2011

Attn:
Rodney J. Miller, P.G.

ARCADIS U.S., Inc.
2081 Vista Parkway
West Palm Beach, FL, 33411

Re: City of Port St. Lucie, Prineville WTP ROIW-1 and Wellhead Appurtenances: Request for additional contract time.

Dear Mr. Miller,

The above described project encountered significant delays with Youngquist Brothers working with the Engineer trying to find a consistent and reliable method to draw the water samples from the lower zone monitor well. Numerous pumping systems and components were investigated, purchased, installed and tested. YBI had numerous telephone conversations with the pump manufacturer's engineers and the valve manufacturer's engineers in order to gain insight on installing a system that would consistently pump samples. YBI tried a multitude of things to make the designed lower zone surface mounted pump work consistently from changing drop pipe lengths, foot valves, modifying the inline check valves, modifying seating material inside the foot valves, taking all the discharge piping apart several times to check every fitting. Regulatory compliance and project completion could not occur until the sample pump would work consistently. A system was finally found that worked consistently over several days and Substantial Completion was granted on 7/18/11. YBI incurred significant costs in this process. We are however NOT requesting any increase in Contract compensation. YBI does request a 116 day contract extension to the substantial completion date.

After Substantial Completion was issued the lower zone sample pump experienced several unexplainable failures. In order to provide the City of Port St. Lucie with a reliable and consistent lower zone sample pump YBI at its own expense installed a 316 SS submersible pump, powered the pump, and modified the surface piping for the lower zone sampling. YBI gave the previous lower zone surface mounted pump to the City so they have a spare for the upper zone surface mounted pump. With the submittal process, lead time, & installation of the submersible pump final completion wasn't able to be attained until 9/23/11. YBI therefore requests a 37 day contract extension to the Final Completion date of 9/23/11. Here again, no additional compensation is being sought for this extension.

Please contact the undersigned if you have any questions regarding our request.

Respectfully,


Dylan Geraci

Cc: Bill Musselwhite

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