City of Santa Fe, New Mexico

memo

Date: October 14, 2014

To: Public Utilities Committee & Finance Committee

Via: Nick Schiavo, Public Utilities Department and Water Division Director NSA

From: Robert Jorgensen, P.E., Water Division Engineer

Item and Issue

Approval of Change Order No. 6 in the amount of $285,944.00 plus gross receipts tax to construction contract Item #13-0511 with RMCI, Inc. for the Santa Fe Reservoirs Infrastructure Improvements CIP #3038 is requested.

Background and Summary

The RMCI construction contract is for the replacement of the nearly 90 year old intake tower at McClure Dam and replacement of the 70 year old intake tower at Nichols Dam. The intake structure for Nichols Dam was substantially completed last May and is in service.

Construction work at McClure Reservoir was anticipated to begin on September 2, 2014 after the City drained the reservoir to the bottom of the '84 foot' valve level as required under the construction contract. By early August, the City had McClure drained to the bottom of the '67 foot' valve with about 55 million gallons left to drain (5% of total storage capacity). However, the City was unable to open the '84 foot' valve to complete the dewatering to the contract level.

The current condition of the McClure intake tower is summarized as follows:

- The top of the tower platform is almost 70 feet above the water level and accessible only by climbing the tower steps and ladders. A section of the exterior tower steps are heavily corroded and multiple steps are missing.
- The '67 foot' hydraulically operated valve is inoperable and is in the mostly closed position. It is believed that a control unit on the tower platform is malfunctioning. Hydraulic fluid spraying out of the hydraulic pump located on the tower platform has been observed during previous valve operation.
- The '84 foot' hydraulically operated valve is inoperable and is in the mostly closed position. It is believed that there is a leak or break in the hydraulic line(s). An attempt was made to reach the valve by climbing from the outlet conduit up to the valve, but it was not possible to get around the valve up to the valve operator and hydraulic line.
- The '100 foot' manually operated valve is inoperable and in the closed position. This valve is in line with the outlet conduit at the bottom of the reservoir. Several attempts

have been made to open the valve including tapping the valve face with two 6 inch taps. It is suspected that the 20 inch pipe upstream of the valve is clogged with rocks and debris significantly reducing the expected flow through the taps.

- Flow out of McClure is currently averaging 2.0 million gallons per day which will decrease as the reservoir level falls. Stream flow into McClure is averaging 1.0 million gallons per day. Therefore, there is a net drain rate of only 1.0 million gallons per day.
- Any rise in stream flow into McClure due to rainstorms will reduce the drain rate or begin refilling the reservoir.

Due to the inoperable condition of the existing McClure intake tower, it is necessary to immediately begin pumping out the reservoir. McClure Reservoir must be drained as soon as possible and stream flow bypassed directly through the outlet conduit. Change Order No. 6 includes the work items to accomplish this.

Work under Change Order No. 6 is critical to continue with the replacement of McClure intake tower and return this vital water supply component to service. The City Manager approved Change Order No. 6 on October 14, 2014 on a 'critical need' basis.

Funding
The total cost of Change Order No. 6 is $285,944.00 plus GRT. Funding is available in BU/LI 52350.572970. Change Order No. 6 will increase the contract amount $5,596,539.38 to $5,905,895.05 including GRT.

Recommended Action
Staff requests the following:

- Forwarding Change Order No. 6 in the amount of $285,944.00 plus GRT to Governing Body for ratification of City Manager's approval.

Patricia Radonte
Purchasing Officer
10/22/14

CHANGE ORDER

for:

Santa Fe Reservoirs Infrastructure Improvements Project

To: RMCI, Inc.
6211 Chappell RD NE
Albuquerque, New Mexico 87113

Contract No.: 13-0511
Change Order No.: 06
Date: October 9, 2014

You are hereby directed to make the following changes in this Contract:

1.	Perform the modifications and/or change of Scope as described in the attached Change Order Schedule of Items, page 2.	$ 285,944.00
2.	New Mexico Gross Receipts Tax @ 8.1875%	$ 23,411.67
	TOTAL CHANGE ORDER AMOUNT:	$309,355.67

The work covered by this order shall be performed under the same terms and conditions as that which is included in the original Contract.

ORIGINAL CONTRACT SUM	$5,596,539.38
NET CHANGE BY PREVIOUS CHANGE ORDERS	$0.00
CONTRACT SUM PRIOR TO THIS CHANGE ORDER	$5,596,539.38
CONTRACT SUM WILL BE (INCREASED) (~~DECREASED~~) BY THIS CHANGE ORDER	$309,355.67
NEW CONTRACT SUM INCLUDING THIS CHANGE ORDER	$5,905,895.05

CHANGES APPROVED:

Contractor: **RMCI, Inc.**
By:
Title:
Date:

Construction Manager: **Weaver Construction Management, Inc.**
By: Daniel K. East
Title: Project Manager
Date: September 26, 2014

Engineer: **Santa Fe Engineering Consultants, LLC**
By:
Title: Santa Fe Engineering
Date: 10-14-2014

Owner: **City of Santa Fe**
Water Division Project Manager
By: Date: 10-10-14
Water Division Director / Public Utilities Director
By: Date: 10/14/14
Finance Director
By: Date: 10/14/2014
City Attorney
By: Date: 10/14/14
City Manager / Mayor
By: Date: 10/14/2014
City Clerk
By: Date:

SANTA FE RESERVOIRS INFRASTRUCTURE IMPROVEMENTS PROJECT RMCI, INC. CHANGE ORDER NO. 06 SCHEDULE OF ITEMS		
1	Tap McClure existing '100 Foot' and provide temporary sediment control	$82,644.00
2	McClure pumping to dewater reservoir below '84 Foot' 20" valve on T&M basis	$203,300.00
	SCHEDULE OF ITEMS TOTAL	$285,944.00

Peter Rodme
Purchase Officer
10/23/14

City of Santa Fe
Summary of Contracts, Agreements, & Amendments

Section to be completed by department for each contract or contract amendment

1 **FOR:** ORIGINAL CONTRACT ☐ or CONTRACT AMENDMENT ☑

2 Name of Contractor RMCI

3 Complete information requested ☐ Plus GRT ☑ Inclusive of GRT

Original Contract Amount: $5,596,539.38

Termination Date: 730 days NTP

☑ Approved by Council Date: Pending

☐ or by City Manager Date:

Contract is for: McClure & Nichols Reservoirs

Amendment # CO#6 to the Original Contract# 13-0511

Increase/(Decrease) Amount $ 309,355.67

Extend Termination Date to: na

☐ Approved by Council Date:

☑ or by City Manager Date: Pending

Amendment is for: Moving money from Contingency funding in contract to actual work order.

---

4 **History of Contract & Amendments:** (option: attach spreadsheet if multiple amendments) ☐ Plus GRT ☑ Inclusive of GRT

Amount $ 5,596,539.38 of original Contract# 13-0511 Termination Date: 730 ntp
Reason: mcclure nichols

Amount $ 0.00 amendment # change order #1 Termination Date: na
Reason: move funding from contingency to project work order

Amount $ No Increase amendment # Change Order #2 Termination Date: NA
Reason: Moving Money from Contingency Funding in Contract to actual work order.

Amount $ no increase amendment # Change Order #3 Termination Date: na
Reason: Moving Money from Contingency Funding in Contract to actual work order.

Amount $ no increase amendment # Change Order #4 Termination Date: na
Reason: Moving Money from Contingency Funding in Contract to actual work order.

Amount $ no increase amendment # Change Order #5 Termination Date: na
Reason: Moving Money from Contingency Funding in Contract to actual work order.

City of Santa Fe
Summary of Contracts, Agreements, & Amendments

Total of Original Contract plus all amendments: $ 5,905,895

5 **Procurement Method of Original Contract:** (complete one of the lines)

RFP# 13/19/B Date: May 1, 2013

RFQ ☐ _____ Date: _____

Sole Source ☐ _____ Date: _____

Other _____

6 **Procurement History:** _____
example: (First year of 4 year contract)

7 **Funding Source:** _____ **BU/Line Item:** 52350.57297

8 **Any out-of-the ordinary or unusual issues or concerns:**
none
(Memo may be attached to explain detail.)

9 **Staff Contact who completed this form:** Maya Martinez

Phone # _____

10 **Certificate of Insurance attached.** (if original Contract) ☐

Submit to City Attorney for review/signature
Forward to Finance Director for review/signature
Return to originating Department for Committee(s) review or forward to City Manager for review and approval (depending on dollar level).

To be recorded by City Clerk:

Contract # _____

Date of contract Executed (i.e., signed by all parties): _____

Note: If further information needs to be included, attach a separate memo.

Comments: