




**PUBLIC WORKS DEPARTMENT  
MEMORANDUM #2010 – 60**

**DATE:** November 11, 2010  
**TO:** Honorable Mayor Joyce Downing and City Council Members  
**FROM:** William A. Simmons, City Manager   
David H. Willett, Director of Public Works   
Raymond Reling, Acting Utilities Superintendent  
Amy Ward, Utility Engineer   
**SUBJECT:** CR-152 2010 West Low Zone Water Storage Tank Rehabilitation

**BACKGROUND**

In 2005, the East and West Low Zone Tanks were evaluated by divers to determine the condition of the existing structures. During the evaluation it was determined that to maintain the longevity of the tanks, maintenance to both the interior and exterior of the tanks would be required. Later in the fall of 2005, City staff dewatered the worst of the two tanks, the East Low Zone Water Storage Tank, to determine the magnitude of the repairs necessary. The East Low Zone Water Storage Tank was repaired the following year, but the condition of the West Low Zone Water Storage Tank did not warrant immediate repair based on the dive evaluation, so the project was delayed until funding was available. This project includes the repair of the coating on the interior and exterior of the tank, replacement of the ladder and safety cage with a fall protection system, replacement of the air vent and replacement of the cathodic protection system.

On October 19, 2010, the City received five (5) bids for the 2010 West Low Zone Water Storage Tank Rehabilitation project. The lowest responsible bidder was Norvell Construction, LLC with a total base bid of \$141,665.30. Upon review of the unit prices by staff, it was discovered that a mathematical error was made on one of the unit sums. Norvell Construction, LLC corrected the unit sum and sent over a revised Bid Form with a revised base bid of \$161,665.30. As Norvell Construction, LLC remains the low bid, City staff contacted the submitted references and determined the Contractor's past performance on similar projects meets the City's standards. Results of the reference checks were positive and are on file at City Hall. Copies of the standard agreement and bid tabulation are attached.

**BUDGET/TIME IMPLICATIONS**

The cost of the 2010 West Low Zone Water Storage Tank Rehabilitation project as proposed is \$161,665.30 with a 10% contingency of \$16,167.00 for a total project cost of \$177,832.30. The proposed project would be funded out of the \$190,000 in the 2010 Water and Wastewater Capital Improvement Fund.

**RECOMMENDATION**

Attached to this memorandum is a Resolution that, if approved, would:

- 1) Authorize the Mayor to execute a contract between the City of Northglenn and Norvell Construction, LLC for the 2010 West Low Zone Water Storage Tank project in the amount of \$161,665.30;
- 2) Authorize \$16,167.00 as a contingency and authorize the City Manager, on behalf of the City, to approve minor changes in the scope of work and execute relevant change orders up to the approved expenditure limit of **\$177,832.30**.

Staff recommends approval of the proposed Resolution.

**STAFF REFERENCE**

David H. Willett, P.E., Director of Public Works  
Amy Ward, P.E., Utility Engineer

[dwillett@northglenn.org](mailto:dwillett@northglenn.org) or 303.450.8783  
[award@northglenn.org](mailto:award@northglenn.org) or 303.450.8837

SPONSORED BY: MAYOR DOWNING

COUNCILMAN'S RESOLUTION

RESOLUTION NO.

No. CR-152  
Series of 2010

\_\_\_\_\_  
Series of 2010

A RESOLUTION APPROVING AN AGREEMENT BETWEEN THE CITY OF NORTHGLENN AND NORVELL CONSTRUCTION, LLC FOR THE 2010 WEST LOW ZONE WATER STORAGE TANK REHABILITATION PROJECT

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF NORTHGLENN, COLORADO, THAT:

Section 1. The Agreement between the City of Northglenn and Norvell Construction, LLC, attached hereto, in the amount of \$161,665.30 with a ten percent (10%) contingency of \$16,167.00 for a total amount not to exceed \$177,832.30 for the 2010 West Low Zone Water Storage Tank Rehabilitation Project is hereby approved and the Mayor is authorized to execute same on behalf of the City of Northglenn.

DATED, at Northglenn, Colorado, this \_\_\_\_\_ day of \_\_\_\_\_ 2010.

\_\_\_\_\_  
JOYCE DOWNING  
Mayor

ATTEST:

\_\_\_\_\_  
JOHANNA SMALL, CMC  
City Clerk

APPROVED AS TO FORM:

\_\_\_\_\_  
COREY Y. HOFFMANN  
City Attorney

**AGREEMENT**

**PROJECT NAME: 2010 WEST LOW ZONE WATER STORAGE TANK REHABILITATION**

**PROJECT NUMBER: IFB 2010-34**

**PROJECT MANAGER: Amy Ward**

**THIS AGREEMENT**, made this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, by and between the City of Northglenn, hereinafter called "CITY", and Norvell Construction, LLC hereinafter called "CONTRACTOR".

WITNESSETH: That for and in consideration of the payments and agreements hereinafter mentioned:

1. The CONTRACTOR will commence and complete the project named:

**"2010 West Low Zone Water Storage Tank Rehabilitation – IFB 2010-34"**

2. The CONTRACTOR will furnish all of the materials, supplies, tools, equipment, labor supervision, and other services necessary for the completion of the PROJECT described herein.

3. The CONTRACTOR will provide performance and payment bonds and a certificate of insurance naming the City as an additional insured for purposes of said project within 10 days after the date of the NOTICE OF AWARD.

4. The CONTRACTOR agrees to perform all of the WORK described in the CONTRACT DOCUMENTS and comply with the terms therein for the sum of \$161,665.30, or as shown in the BID schedule. The CONTRACTOR will commence the work within 10 calendar days after the date of NOTICE TO PROCEED. The CONTRACTOR will complete the work within 45 calendar days after the date of NOTICE TO PROCEED unless the period for completion is extended otherwise by the CONTRACT DOCUMENTS.

5. The term "CONTRACT DOCUMENTS" means and includes all items as set forth in Section 1.01 of the General Conditions.

6. The CITY will pay to the CONTRACTOR in the manner and at such times as set forth in the General Conditions such amounts as required by the CONTRACT DOCUMENTS.

7. This AGREEMENT shall be binding upon all parties hereto and their respective heirs, executors, administrators, successors, and assigns.

IN WITNESS WHEREOF, the parties hereto have executed, or caused to be executed by their duly authorized officials, this Agreement in TWO copies, each of which shall be deemed an original on the date first above written.

**CITY:**

City of Northglenn  
By \_\_\_\_\_  
Name Joyce Downing Date \_\_\_\_\_  
Title Mayor

**ATTEST:**

Name Johanna Small, CMC Date \_\_\_\_\_  
Title City Clerk

(SEAL)

**APPROVED AS TO FORM:**

\_\_\_\_\_  
Corey Y. Hoffmann, City Attorney Date \_\_\_\_\_

**CONTRACTOR:**

By Dean Norvell  
Name DEAN NORVELL Date 11-4-10  
(Please Type or Print)

(SEAL)  
ATTEST:

Doug Richardson  
Doug Richardson Date 11-4-10  
Name (Please Print or Type)  
Title Gen

Title Gen mgr  
Address 5745 INDUSTRIAL PL  
COLO SPRGS, CO 80916 #11

**CITY's CONTRACT #** \_\_\_\_\_

Amy Ward  
Print Name of City's Project Manager



**CITY OF NORTHGLENN  
FORMAL BID SUMMARY**

BID NUMBER RFP 2010-34

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BID NAME 2010 WEST LOW ZONE WATER STORAGE TANK REHABILIT.

DEPARTMENT: Public Works

	Norvell Construction LLC	Classic Protective Coatings, Inc.	Pittsburg Tank & Tower Maintenance Co. Inc.	TMI Coatings, Inc.	Advanced Tank and Construction
DATE DUE 10/21/2010	BID RECEIVED: DATE: 12/20/10 TIME: 12:37pm	BID RECEIVED: DATE: 10/20/10 TIME: 12:40pm	BID RECEIVED: DATE: 10/21/10 TIME: 8:03am	BID RECEIVED: DATE: 10/21/10 TIME: 9:15am	BID RECEIVED: DATE: 10/21/10 TIME: 12:24pm
TIME: 2:00 PM					
Total Bid all Unit Prices	\$141,665.30	\$640,351.00	\$221,670.00	\$248,500.00	\$173,000.00
Total Bid including Alternate Item	\$186,094.30	\$801,911.00	\$305,335.00	\$329,280.00	\$250,530.00
Total Bid including Alternate Item 2	\$198,594.30	\$717,819.00	\$324,790.00	\$337,810.00	\$357,810.00
Addendum Acknowledged	Yes	Yes	Yes	Yes	Yes
Contracting with Illegal Alien Certification	Yes	Yes	Yes	Yes	Yes

Michelle Krzemeke  
Buyer

Crystal Messick  
City Clerk Deputy

10/21/2010  
Date

**SECTION 004395 - REVISED BID SUMMARY**

Norvell Construction LLC

(Company Name)

Hereby submits to the City of Northglenn, Colorado the following bid items complete and in place as specified for the 2010 West Low Zone Water Storage Tank Rehabilitation - 2010 IFB-34.

BASE BID					
No.	Construction Item	Unit	Est. Quantity	Unit Cost	Sum
1	Mobilization/Demobilization	I	LS	\$ 20,000.00	\$ 20,000.00
2	Remove and recoat interior roof plates, rafters and top 1 foot of shell and structure with epoxy paint.	13,880	SF	\$ 6.00	\$ 83,280.00
3	Remove and recoat touch up areas on exterior of tank with polyurethane enamel.	2,910	SF	\$ 1.03	\$ 2,997.30
4	Remove and install new 35' ladder.	1	LS	\$ 6,400.00	\$ 6,400.00
5	Install new roof rail.	40	LF	\$ 74.00	\$ 2,960.00
6	Install new safety rail, cage and security hatch.	1	LS	\$ 5,200.00	\$ 5,200.00
7	Install new 24" frost proof roof vent and flange.	1	LS	\$ 8,500.00	\$ 8,500.00
8	Cut out and replace door sheet.	1	LS	\$ 7,900.00	\$ 7,900.00
9	Replace inswing manway Davit.	1	LS	\$ 400.00	\$ 400.00
10	Install Cathodic Protection.	1	LS	\$ 12,700.00	\$ 12,700.00
11	Replace C-channels on the roof of the tank	24	EA	\$ 472.00	\$ 11,328.00

Total Bid for all Unit Prices One Hund Six One Tho Six Hund Sixty Five & 30/100

(use words)

\$ 161,665.30

(use figures)

Alt - 1	Remove and recoat entire interior walls of tank excluding areas included in base bid	11,540	SF	\$ 3.85	\$ 44,429.00
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Total Bid Including Alt-1 Two Hund Six Ninety Four & 30/100

(use words)

\$ 206,094.30

(use figures)

Alt - 2	Complete the lead paint abatement and recoat the interior of the storage tank	25,300	SF	\$ .50	\$ 12,500.00
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Total Bid Including Alt-2 Excluding Item No. 2 Two Hund Eighteen Five Hund Ninety

(use words) Four & 30/100

\$ 218,594.30

(use figures)