



**PUBLIC WORKS DEPARTMENT
MEMORANDUM # 2015 – 03**

DATE: January 12, 2015
TO: Honorable Mayor Joyce Downing and City Council Members
FROM: John Pick, City Manager 
David Willett, Director of Public Works 
SUBJECT: Council Resolution 08
Utility Emergency Response Contract (2015)

BACKGROUND

The Utility Emergency Response contract provides for emergency repairs to the water distribution and sanitary sewer collection systems in situations where the field conditions require equipment or expertise unavailable to the Public Works Department. In addition, the City is required to have pre-established rates for labor and equipment from contractors performing work in order to qualify for Federal Emergency Management Agency (FEMA) funding in the event of a natural disaster.

The original contract(s) were for two-year terms (2011-2012), with a maximum of three one-year extensions (2013, 2014, and 2015), each at a price rate increase equal to the annual change in the Denver-Boulder-Greeley Consumer Price Index (CPI) or at amount that is mutually agreeable.

The original contracts were awarded to American West Construction, LLC and C&L Water Solutions, Inc. for 2011 and were renewed for 2013 and 2014. At this time, staff recommends extending American West's contract for 2015. American West has proposed price increases on certain equipment items beyond the yearly increase in the CPI (+2.9%), but these increases are generally in line with the pricing of other contractors. Attached to this memorandum is an itemized spread sheet showing the rate schedule and respective increases where they occur.

Staff is currently negotiating the rates and terms of C&L Water Solutions Inc, contract extension for 2015.

BUDGET/TIME IMPLICATIONS

Work completed under this contract will be expensed to the Water/Wastewater Fund, Distribution and Collection/Property Services account.

RECOMMENDATION

Attached to this memorandum is a Resolution that, if approved, would authorize the Mayor to execute a contract between the city of Northglenn and **American West Construction, LLC** for the 2015 Utility Emergency Response Contract in the amount not to exceed **\$60,000.00**.

Staff recommends approval of this Resolution.

STAFF REFERENCE

Kent Kisselman, PE, Engineering Manager
Greg Yanker, PE, Lead Engineer
Tom Kawamoto, PE, Civil Engineer II

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ATTACHMENTS

- Resolution
- Rate Schedule/Price Increase
- Contract

**2015 On-Call Emergency Response Contract
American West Construction**

Increase in CPI:	2.9%
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Rate Schedule	2014		2015			
	Critical - 2/8 Hrs	Urgent - 8/48 Hrs	Critical - 2/8 Hrs	Percent Change	Urgent - 8/48 Hrs	Percent Change
Description	Cost per Unit (\$)		Cost per Unit (\$)			

Labor						
Superintendent	\$58.00	\$49.00	\$75.00	29.3%	\$70.00	42.9%
Foreman	\$52.00	\$49.00	\$54.00		\$50.00	
Flagger						
Traffic Control Specialist						
Pipe Layer	\$42.00	\$37.00	\$43.00		\$38.00	
Operator	\$47.00	\$44.00	\$48.00		\$45.00	
Laborer	\$37.00	\$33.00	\$38.00		\$34.00	
Admin/R.O.W. Permit (1 hour per project)	\$52.00	\$49.00	\$54.00		\$50.00	

Equipment Transport						
Low Boy Transport	\$157.00	\$149.00	\$195.00	24.2%	\$185.00	24.2%
Truck, Trailer, or Combination Transport	\$85.00	\$81.00	\$120.00	41.2%	\$115.00	42.0%
Average Change				32.7%		33.1%

Equipment						
Rubber Tired Backhoe - Model - KOM 140/CAT 420	\$58.00	\$54.00	\$100.00	72.4%	\$95.00	75.9%
Rubber Tired w/Vibratory Plate Compactor - Model - KOM140/CAT 420	\$71.00	\$67.00	\$115.00	62.0%	\$110.00	64.2%
Skid Steer - Model - CAT 246/CAT 257	\$48.00	\$45.00	\$95.00	97.9%	\$90.00	100.0%
Skid Steer w/Broom	\$54.00	\$52.00	\$100.00	85.2%	\$95.00	82.7%
Wheel Loader - Small Model - CAT 938	\$58.00	\$54.00	\$105.00	81.0%	\$110.00	103.7%
Wheel Loader - Medium Model - CAT 950	\$64.00	\$61.00	\$125.00	95.3%	\$120.00	96.7%
Wheel Loader - Large Model - CAT 966	\$96.00	\$90.00	\$145.00	51.0%	\$140.00	55.6%

Equipment, Continued						
Excavator - Small Model - KOM PC78	\$49.00	\$47.00	\$105.00	114.3%	\$100.00	112.8%
Excavator - Small (Zero Swing Preferred) Model - KOM PC228	\$79.00	\$75.00	\$125.00	58.2%	\$120.00	60.0%
Excavator - Medium Model - CAT 330	\$79.00	\$75.00	\$145.00	83.5%	\$140.00	86.7%
Excavator - Large Model - KOM PC400	\$96.00	\$90.00	\$155.00	61.5%	\$150.00	66.7%
Vibratory Compactor - Model - CAT 433	\$96.00	\$90.00	\$140.00	45.8%	\$135.00	50.0%
Sheepsfoot - DYNAPAC CA152	\$96.00	\$90.00	\$140.00	45.8%	\$140.00	55.6%
Motor Grader - Model - CAT 14/CAT 140	\$94.00	\$88.00	\$145.00	54.3%	\$140.00	59.1%
Scraper - Model - CAT 627 (No Bid)						
Tractor with Disc - Model - CASE 9170/JC 8640	\$151.00	\$142.00	\$210.00	39.1%	\$200.00	40.8%
Water Truck - 2,500 Gallon	\$31.00	\$30.00	\$75.00	141.9%	\$70.00	133.3%
Water Truck - 4,000 Gallon	\$41.00	\$39.00	\$85.00	107.3%	\$80.00	105.1%
Water Truck - 6,000-8,000 Gallon	\$99.00	\$94.00	\$145.00	46.5%	\$140.00	48.9%
Dump Truck - 10 Wheel	\$109.00	\$104.00	\$112.00	2.8%	\$107.00	2.9%
Dump Truck - 6 Wheel	\$89.00	\$83.00	\$100.00	12.4%	\$95.00	14.5%
Pickup Truck - 1 Ton and Less	\$17.00	\$16.00	\$22.00	29.4%	\$20.00	25.0%
Pickup Truck - 2 Ton	\$23.00	\$22.00	\$26.00	13.0%	\$25.00	13.6%
Generator - Greater than 30 KW	\$23.00	\$22.00	\$24.00		\$23.00	
Trash Pump - 3 Inch	\$12.00	\$11.00	\$12.00		\$11.00	
Trash Pump - 4 Inch	\$16.00	\$15.00	\$16.00		\$15.00	
Trash Pump - 6 Inch	\$27.00	\$26.00	\$28.00		\$27.00	
Other Equipment:						
LIGHT PLANT - WACKER	\$24.00	\$24.00	\$25.00		\$25.00	
Average Change				63.7%		66.1%

Materials						
Steel Plates (\$/DY)	\$52.00	\$51.00	\$54.00		\$52.00	
Plugs (\$/DY)	\$10.00	\$10.00	\$10.00		\$10.00	
Other Equipment:						
TRENCH BOX - 8'x24', 3'x24', 8'x12' STEEL (\$/DY)	\$68.00	\$65.00	\$70.00		\$67.00	
TRENCH BOX (MH) - 8'x10' STEEL (\$/DY)	\$68.00	\$65.00	\$70.00		\$67.00	

SPONSORED BY: MAYOR DOWNING

COUNCILMAN'S RESOLUTION

RESOLUTION NO.

No. CR-8
Series of 2015

Series of 2015

A RESOLUTION APPROVING AN AGREEMENT BETWEEN THE CITY OF NORTHGLENN AND AMERICAN WEST CONSTRUCTION, LLC FOR EMERGENCY PIPELINE REPAIRS

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

Section 1. The On Call Trade Contractor Agreement between the City of Northglenn and American West Construction, LLC, attached hereto as Exhibit 1, in an amount not to exceed \$60,000.00 for emergency pipeline repairs, as needed, 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 _____, 2015.

JOYCE DOWNING
Mayor

ATTEST:

JOHANNA SMALL, CMC
City Clerk

APPROVED AS TO FORM:

COREY Y. HOFFMANN
City Attorney

ON CALL TRADE CONTRACTOR AGREEMENT FORM

THIS AGREEMENT is made this _____ day of _____, 20____ between the City of Northglenn, Colorado (the "CITY") and American West Construction, LLC ("CONTRACTOR").

In consideration of the mutual covenants, agreements, conditions and undertakings hereinafter specified, the CITY and CONTRACTOR agree as follows:

Section 1. Scope of Work. CONTRACTOR shall perform all 2015 On Call Utility Emergency Response work in accordance with CONTRACTOR'S rate schedule attached hereto as **Exhibit A**, and incorporated by this reference, including furnishing all supervision, labor, equipment, and material therefor (the "Project").

Section 2. Agreement Amount. In accordance with the provisions of Section 5 hereof, the CITY shall pay CONTRACTOR for the performance and completion of work requested by the CITY via a Written Notice to Proceed on a particular repair task, in a total amount not to exceed sixty thousand Dollars (\$60,000).

Section 3. Required Documents. 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 ten (10) days after the date of the NOTICE OF AWARD.

Section 4. Contract Documents Defined. The term "CONTRACT DOCUMENTS" means and includes all items set forth in Exhibit A and Exhibit B of the RFP documents.

Section 5. Agreement on an "On-Call" Basis. Subject to the limitations as to compensation set forth in Section 2, CONTRACTOR shall commence work upon receipt of a written Notice to Proceed on a particular repair task. Invoices will be itemized and include an hourly breakdown for all personnel, dates of work performed, which repair task the work was performed on, and any other charges.

Section 6. Payment. 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 herein, following a written Notice to Proceed on a particular repair task.

IN WITNESS WHEREOF, the parties hereto each herewith subscribe the same in duplicate.

CITY OF NORTHGLENN, COLORADO

Joyce Downing
Mayor

Date

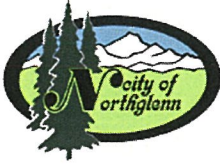


EXHIBIT A - SCOPE OF SERVICES

- A. The following list includes potential required services, but may not be limited to:
1. Attend construction meetings as required.
 2. Provide traffic detours and traffic control plans.
 3. Provide equipment, materials, and appurtenances for repair and/or replacement of the water, sanitary sewer, and/or storm sewer, complete-in-place, including:
 - a. Excavation of the pipeline trench including shoring and protection of existing utilities
 - b. Removal and disposal of existing pipe in accordance with current Environmental Protection Agency regulations and procedures.
 - c. Placement of new water, sanitary sewer, and/or storm sewer pipelines
 - d. Backfill (including flow fill) and compaction of trenches
 - e. Resurfacing and restoring streets per City of Northglenn Public Right-of-Way Standards and Specifications (latest edition)
 - f. Repairs and replacements using trenchless methods, upon approval from the Director of Public Works, meeting ASTM F1216, ASTM F2019-03, and ASTM C109 standards as applicable. Trenchless technologies used on water pipelines must comply with NSF/ANSI 60 and 61.
 4. Work site storing of all construction equipment and materials.
 5. Work site safety and security conforming to OSHA standards.
 6. Maintaining sewer flow including by-pass pumping, if necessary.
 7. Provide construction survey (horizontal and vertical alignment).
 8. Restoration of project area as approved by the City.
 9. Provide required erosion control.
- B. The Contractor shall respond to emergency calls within 2 hours for a site assessment and mobilize within 8 hours if the situation is determined to be critical. The Contractor shall respond within 8 hours for a site assessment and mobilize within 48 hours if the situation is deemed to be urgent. The response time is defined as the time between the notification to the Contractor and the Contractor's initiation of the work. The appropriate response and mobilization times will be determined by the City based on the severity and nature of the incident.
- C. The typical construction parameters for the water, sanitary sewer, and storm sewer work are:
1. Water
 - a. Depth: 5 to 20 feet
 - b. Pipe Diameter: 6 to 27 inches
 - c. Pipe Material: PVC, asbestos cement, or ductile iron
 2. Sanitary Sewer
 - a. Depth: 5 to 20 feet
 - b. Pipe Diameter: 6 to 27 inches
 - c. Pipe Material: vitrified clay, PVC, or reinforced concrete
 3. Storm Sewer
 - a. Depth: 1/2 to 12 feet
 - b. Pipe Diameter: 12 to 60 inches
 - c. Pipe Material: reinforced concrete, corrugated steel, or PVC
 4. These are the typical repair and/or replacement conditions; however, there is a possibility of deeper excavation and larger pipe diameters.

- D. The Contractor is required to follow all applicable City Public Right-of-Way Standard and Specifications (latest edition) in the repair and/or replacement of pipes.

EXHIBIT B

RATE SCHEDULE

To That Trade Contractor Agreement
Between the City of Northglenn ("City") and
American West Construction, LLC ("Contractor")

The Contractor's schedule of charges for calendar year 2015 is as follows:

Rate Schedule	Available Units	Site Assessment Response/ Mobilization Time	
		Critical - 2/8 Hours	Urgent - 8/48 Hours
Description		Cost Per Unit (\$)	

Labor (\$/HR)			
Superintendent	3	\$75.00	\$70.00
Foreman	4	\$54.00	\$50.00
Flagger			
Traffic Control Specialist			
Pipe Layer	5	\$43.00	\$38.00
Operator	10	\$48.00	\$45.00
Laborer	15	\$38.00	\$34.00
Admin/R.O.W. Permit (1 hour per project)	1	\$54.00	\$50.00

Equipment Transport (\$/HR)			
Low Boy Transport	6	\$195.00	\$185.00
Truck, Trailer, or Combination Transport	6	\$120.00	\$115.00

Equipment (\$/HR)			
Rubber Tired Backhoe - Model - KOM 140/CAT 420	2	\$100.00	\$95.00
Rubber Tired w/Vibratory Plate Compactor - Model - KOM140/CAT 420	2	\$115.00	\$110.00
Skid Steer - Model - CAT 246/CAT 257	2	\$95.00	\$90.00
Skid Steer w/Broom	1	\$100.00	\$95.00
Wheel Loader - Small Model - CAT 938	3	\$105.00	\$110.00
Wheel Loader - Medium Model - CAT 950	2	\$125.00	\$120.00
Wheel Loader - Large Model - CAT 966	1	\$145.00	\$140.00

EXHIBIT B

Rate Schedule	Available Units	Site Assessment Response/ Mobilization Time	
		Critical - 2/8 Hours	Urgent - 8/48 Hours
Description		Cost Per Unit (\$)	

Equipment, Continued (\$/HR)			
Excavator - Small Model - KOM PC78	1	\$105.00	\$100.00
Excavator - Small (Zero Swing Preferred) Model - KOM PC228	1	\$125.00	\$120.00
Excavator - Medium Model - CAT 330	2	\$145.00	\$140.00
Excavator - Large Model - KOM PC400	3	\$155.00	\$150.00
Vibratory Compactor - Model - CAT 433	1	\$140.00	\$135.00
Sheepsfoot - DYNAPAC CA152	1	\$140.00	\$135.00
Motor Grader - Model - CAT 14/CAT 140	2	\$145.00	\$140.00
Scraper - Model - CAT 627 (No Bid)			
Tractor with Disc - Model - CASE 9170/JC 8640	2	\$210.00	\$200.00
Water Truck - 2,500 Gallon	3	\$75.00	\$70.00
Water Truck - 4,000 Gallon	1	\$85.00	\$80.00
Water Truck - 6,000-8,000 Gallon	1	\$145.00	\$140.00
Dump Truck - 10 Wheel	4	\$112.00	\$107.00
Dump Truck - 6 Wheel	4	\$100.00	\$95.00
Pickup Truck - 1 Ton and Less	7	\$22.00	\$20.00
Pickup Truck - 2 ton	2	\$26.00	\$25.00
Generator - Greater than 30 KW	2	\$24.00	\$23.00
Trash Pump - 3 Inch	4	\$12.00	\$11.00
Trash Pump - 4 Inch	2	\$16.00	\$15.00
Trash Pump - 6 Inch	2	\$28.00	\$27.00
Other Equipment:			
LIGHT PLANT - WACKER	2	\$25.00	\$25.00

Materials			
Steel Plates (\$/DY)	2	\$54.00	\$52.00
Plugs (\$/DY)	6	\$10.00	\$10.00
Other Equipment:			
TRENCH BOX - 8'x24', 3'x24', 8'x12' STEEL (\$/DY)	3	\$70.00	\$67.00
TRENCH BOX (MH) - 8'x10' STEEL (\$/DY)	2	\$70.00	\$67.00

EXHIBIT B

Rate Schedule	Available Units	Site Assessment Response/ Mobilization Time	
		Critical - 2/8 Hours	Urgent - 8/48 Hours
Description		Cost Per Unit (\$)	

Travel Time			
Travel Allowance Per Day (\$/DY)		\$0.00	\$0.00

Miscellaneous			
Materials and Subcontractors Mark-Up (%)		15%	15%
Rental Equipment Mark-Up (%)		15%	15%
Performance and Payment Bond (%)		1.8%	1.8%