

ITB-18-19 ADDENDUM #1 29th AVE REALIGNMENT PROJECT

Date: July_11, 2018 **Bid Number:** ITB-18-19

Bid Due Date: TUESDAY, JULY 24, 2018 BY 1:00 PM OUR CLOCK

The following information is provided to all prospective bidders and is hereby made a part of the above bid documents. Bidders must acknowledge this 8-page Addendum 1 with their bid. This addendum includes plans and bid schedule for bid alternate #7 – City of Edwater DCOP Public Water System Improvements Kendall St / 29th Ave / Gray St mains.

CLARIFICATION, ADDITIONAL INFORMATION, AND CHANGES:

ADDITIONAL INFORMATION:

Bid Alternate #7: Edgewater-29th Ave DCIP_REV pdf (attached 5 pages, posted with this Addendum and also added to the ftp site)

See attached Bid Schedule for the water line, Bid Alternate #7, page 37A.

QUESTIONS:

1. The pay item 202G calls for the removal of 4 Traffic signal Heads shouldn't this be 12 removals if the intersection is being removed?

Yes.

2. Where is the installation location for Item number 614C Pedestrian LED Flashing Sign?

At the ramps east of Gray St (ramps that cross W 29th Ave)

- 3. In bid alternate #1
- a. Pay item 613H Electrical Distribution System, is there a detail for what this should be?

No, it is expected that this would be a design/build by the lighting sub-contractor.

- Pay Item 613I Electrical Meter Housing, any details for this item?
 Same as above, the meter housing will need to meet Xcel standards. And it's location? As a design/build item the Contractor will need to work with the City and Xcel on the location.
- c. Pay Item 613K Electrical Meter, This something that is typically provided by Xcel Energy, is that the case for this project? If not are there details for it?

 Xcel will provide the meter, this covers the cost of the meter and installation.
- d. Pay Item 613K Electric Box, Confirm that the size required is 13x24x12?

 The box needs to match the detail included in the plans on sheet 47.
- 4. Do liquidated damages apply on any portion of or this whole project?

Liquidated damages apply to the whole project.

5. The specs for the above mentioned project state "two (2) copies of the Project Document/Proposal must be submitted and signed". Can you clarify if this means 1 original and a copy of that original or does it mean 2 originals?

Either option is acceptable.

Visit our City website for prebid sign in sheet, addendum, plan holders list and project updates: www.ci.wheatridge.co.us

<u>POINT OF CONTACT:</u> Jennifer Nellis, Purchasing Agent, <u>inellis@ci.wheatridge.co.us</u>, fax 303-234-5924, or phone 303-235-2811. Do not contact the user department, consultant, or any other staff.

MS 36	MS 30	MS 29	MS 23	MS 14	MS 13	MS 12	MS 9	MS 8	MS 6	MS 51	MS 03	MS 02	MS 01	Material Specification
Flanged Joint Accessories	Bolted Sieeve-Type Cauplings	Mechanical Joint Restraint	Brass and Bronze Goods	Polyethylene Encasement Naterial	Dry Barrel Fire Hydrants	Cast Iron Valva Boxes	Fabricated Carbon Steet and Stainless Steel Tapping Skeeves	Tapping Valves Mechanical Joint Type	Flanged Rubber Sexted Butterfly Valves	Resillent Seated Gate Valves	Ductile Iron Waterworks Attings	Polyvinyl Chloride Pressure Pipe	Ductile Iron Pipe	<u>Deactivion</u>

- tes in adjument and grade shall be authorized by Deriver Water and shall pilshed by the installation of additional fiftings. The deflection of joints is only when installang pipe on horizontal or vertical curves.
- draivers shall be located on property line extensions, except for tapping tess where additional valve shall be placed on the tapping bee. Other valve locations may required as shown on the plants.
- Utility crossings shall maintain a minimum dearance of 18-inches between outside of the pipes. Only one point of connection is allowed until the testing of the new main installations is complete.
- Newly installed water mains and fire service lines shall be hydrostatically tested in econdance with Denver Water Engineering Standards, Section 8.25.
- The schriftzation and flushing of mains shall be inspected and certified by the Health Department having instrictions or copy of the carefination shall be provided to power Water. The certification shall note the location of the main and state the main has been respected by a representative of the Health Department having jurisdiction and complies with the procedures set forth by that department. The trench shall be excavated and the pipe exposed for inspection at any location on the project, when requested by Denver Water.

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- a south of cover over the plot, measured from official street godes to the top of pipe, shall be a minimum of 4-1/1 feet and shall be known as the cuprer over the building of the shall be a minimum of 4-1/2 feet of cover will be permitted. The cover cover where the shall be shal
- The Contractor shall adjust all valve boxes and fire hydrants to the final finished grade. Prior to the installation of water mains, mad construction must have progressed to at least the sub-gard state. Sub-grade is defined as an elevation of no more than 7 Inches below the finished street grade.

Tap and Meter Notes (for Denver, Total Service, and Read and Bill Areas only. In Master Meter Districts please refer to the Specification for that District).

Before any taps are made on mains, tap applications must be received and approved by the Distributor and Denver Water.

line PRVs are required when area pressure exceeds 80 psl.

- Bends, less, the hydratis, blow-offs, and plugs at dead-end mains shall be protected from thoust with mechanical restraint and concrete kick blocks in accordance with Deriver Water's Engineering Standards.
- Denver Water will make all taps that are 2 inches and smaller.
- The Contraster shall look an orwale pre-construction conference with the felter impactor feet all looks, service lines, and material target plan newhork, and for projects involving many than one logs and service. To exhault a pre-construction conference call Meet Impactor at 101-264 date, the copy of the approved plans with Denner Water's approval actions must be copy of the approved plans with Denner Water's approval actions must be impaction, and the first low to the plan and the and the meters of impacts of our impacts.
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ral Construction and Water Notes: Main Extension

Projects facated in Distributor Contract Areas, shall require the District to contact Denver Water prior to the pre-construction meeting.

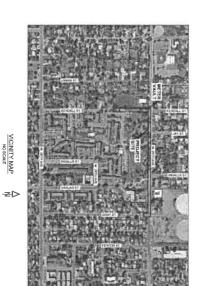
CITY OF EDGEWATER, COUNTY OF JEFFERSON, STATE OF COLORADO

PUBLIC WATER SYSTEM IMPROVEMENTS KENDALL STREET/29TH AVE. /GRAY STREET MAINS

CITY OF EDGEWATER DCIP

- All maderities and workmanship shall be in conformance with Derwer Naturin Fegineering Standards, Hactalide Specifications, and Dhyanlegs. All mainly explored by Derwer Nature. The proposed of the Improved who Derwer Water. Heart change directives made by Distriction (Inspection shall de made within 24 houses by the conformation.
- Contractors shall maintain a copy of the current Engineering Standards on-side at all the current Engineering Standards on-side at all these current Engineering Standards on-side at all these current sections.
- Contractors shall maintain a copy of the current Engineering Standards on site at all times during construction.

Specification Quick Refer



COORDINATE SYSTEM & DATUM

CITY OF WHEAT BLOOK SECTION AND CALASTER SECTION MAPSECONMENT INFORMATION SYSTEM (2 SPECIS).

The licensess listed below shall be in conformance with Denney Nater's Engineering Standards, Chapter 5.Ds, Cross-Commercian Control and Sedediew Prevention. Beddiew prevention assembles are required to be installed on the following water service lines:

- Commercial domestic service lines (depending on potential hazard)
- Single family residential domestic service lines with an auxiliary water source (Dua Water Service Agreement required)
- Recycled Water service lines, if system design includes chemical injection or pumps, B. Backflow prevention assemblies instabled on recycled water service lines shall be identified as "Recycled Water".

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- It is at the sale discretion of Denver Water's Cross-Connection Control section to approve or deary a variance request related to a proposed backflow prevention assembly field leiting.
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303-794-8325 Classifornestationical desagns and actorio

There shall be no unprotected blaceris from the service line ahead of any meter or backflow prevention assembly located at the point of delibert to be customer's waiter system. Latiomer's waiter system. We not be considered to the connectic (potable) use (e.g., drinking fourtiers, water bay Features, swimming pool, restroom heilites, etc.)

MATERIALS LIST

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CIVIL ENGINEER

DIAMONDACK ENGINEERING
AND SUPPETING, INC.
12840 W. CEDAR DR. SUITE C
12840 W. CEDAR DR. SUITE C
PH. 302–985–4024
FAX. 302–985 4274
ONTACT: JOHN BROONS
Johnstödlichmondbickeng.com

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CITY OF EDGEWATER
PUBLIC WATER SYSTEM IMPROVEMENTS KENDALL ST./29TH AVE./GRAY ST. MAINS

GENERAL INFORMATION

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SHEET INDEX
SHEET NO. DRAWING DESCRIPTION

STANDARD ABBREVIATIONS

5344

GROUND CONTOUR LINE RIGHT OF WAY LINE OVERHEAD ELECTRIC LINE

MUNICIPAL BOUNDARY

COVER SHEET

OVERALL UTILITY PLAN (SHT 2 OF 2) OVERALL UTILITY PLAN (SHT 1 OF 2) WATER ONLY PLAN (SHT 2 OF 2) WATER ONLY PLAN (SHT 1 OF 2)



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STORM SEWER MANHOLE STORM SEWER INLET

SNAITARY SEWER MANHO CURB & CUTTER LEGEND

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- SANITARY SEWER MAIN
- STORM SEWER LINE
- NATURAL GAS LINE

EXISTING WATER MAIN POWER POLE

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Diamondback
Engineering & Surveying, Inc.

project job no.

ASPHALT 6"CA WATER TERRA VILLAGE APARTMENTS HOLDING COMPANY 6°CA YELLOW PLASTIC CAP EDGE OF ASPHALT FND 1.5" ALUMINUM CAP 10 CA WATER IT IS THE CONTRACTORS RESPONSIBILITY TO PROTECT AND GR REPAIR TRACER WIRE ON THE COSTING WATER MAIN. 8"GATE VALVE 2 LF B" PVC & 8" PLUG W/MARKER POST N: 701870.70 E: 122792.69 FUTURE ACCESS & UTILITY EASEMENT 5 LF 8" DIP CUT-IN-10" X B" TEE W/XICK BLOCK N: 701670.65 E: 122767.75 VACANT KENDALL ST. BARBARA HIGGINS, KEVIN P ANN ROY REVOCABLE TRUST ANDREWS, PAUL D REMOVE BRANCH LINE— VALVE AND HYDRANT INSTALL 6" PLUG ON EXISTING TRE SHEET I - STANDARD DRAWING ABBREVIATIONS
SHEET II - STANDARD DRAWING ABBREVIATIONS
SHEET II - TOPICAL DRAWING ABBREVIATIONS
SHEET II - TOPICAL THROW SECTIONS
SHEET III - TOPICAL THROW SHEET AND PREACH AND SHEET FND 1.5" ALUMINUM CAP VALVE BOX. EXISTING VALVE-PER DWB RECORDS (NOT LOCATED IN FIELD) STANDARD DRAWING INDEX STANDARD DETALS INCORPORATED BY REFERENCE WITHIN THESE DRAWNISS SHALL COMSIST OF THE PELLOWING STANDARD DETALS INDICATED AND ALL SUBSCILIENT DETALS WHICH MY BE REPERENCED THESEN. MATCH LINE N: 701855.18 E: 122848.74 99 FL BL C800 SAC ISTING 6"CI WATER (CONSOLIDATED MUTUAL) W. 29TH AVE. -8" GATE VALVE N: 701855.91 E: 122796.76 (CITY OF WHEATRIDGE W/XICK BLOCK B' GATE VALVE N- 701855.BO E: 122804.43 -- CONNECT TO EXISTING 10" X 10" TEE 10 * 8 REDUCER -21LF 8" C900 PVC KENDALL ST.

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CITY OF EDGEWATER
PUBLIC WATER SYSTEM IMPROVEMENTS
KENDALL ST./29TH AVE./GRAY ST. MAINS

WATER ONLY PLAN (SHEET 1 OF 2)

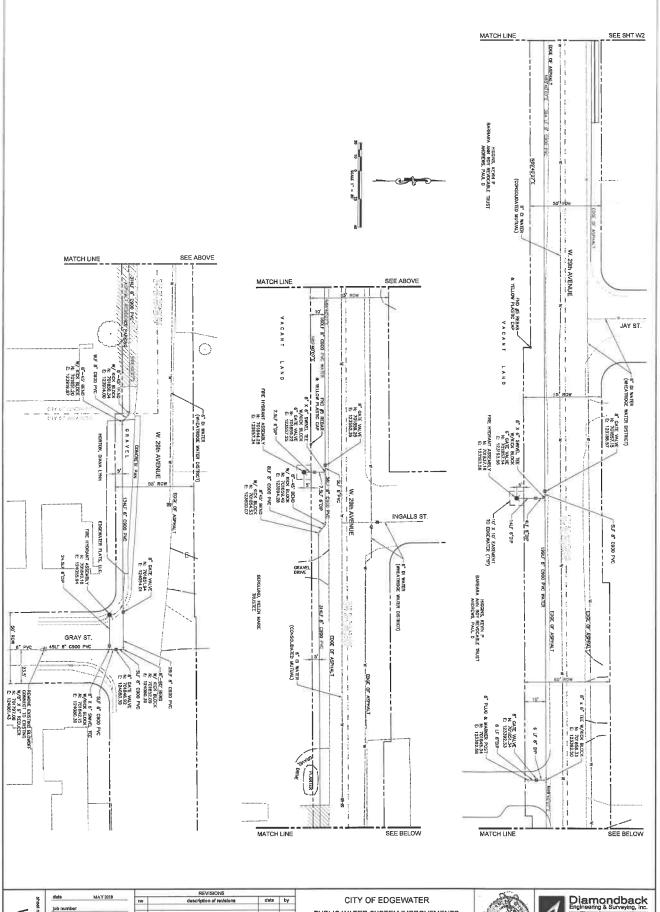




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PUBLIC WATER SYSTEM IMPROVEMENTS
KENDALL ST./29TH AVE./GRAY ST. MAINS
WATER ONLY PLAN (SHT 2 OF 2)

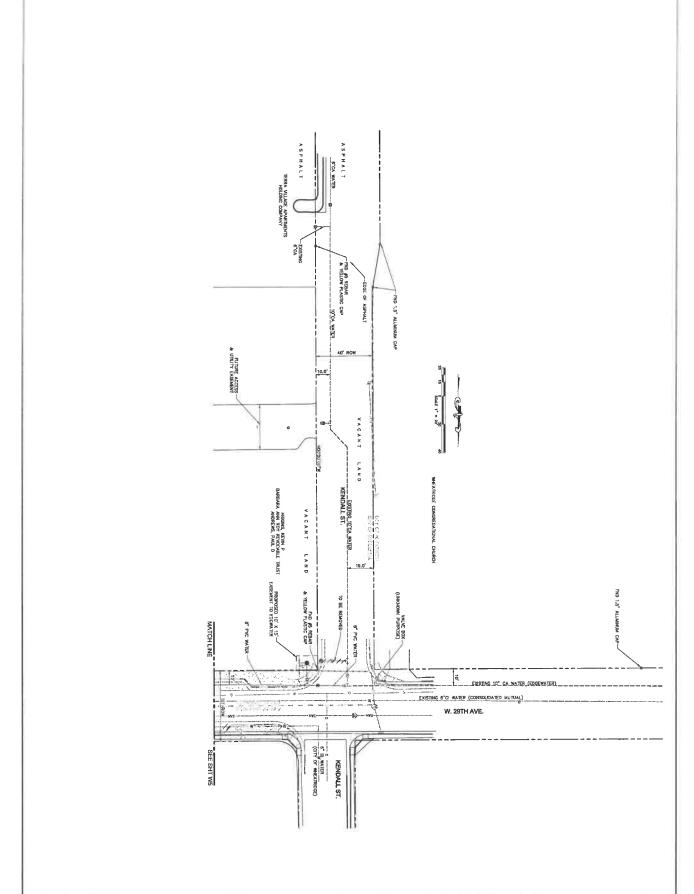




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CITY OF EDGEWATER
PUBLIC WATER SYSTEM IMPROVEMENTS
KENDALL ST./29TH AVE./GRAY ST. MAINS
OVERALL UTILITY PLAN (SHEET 1 OF 2)

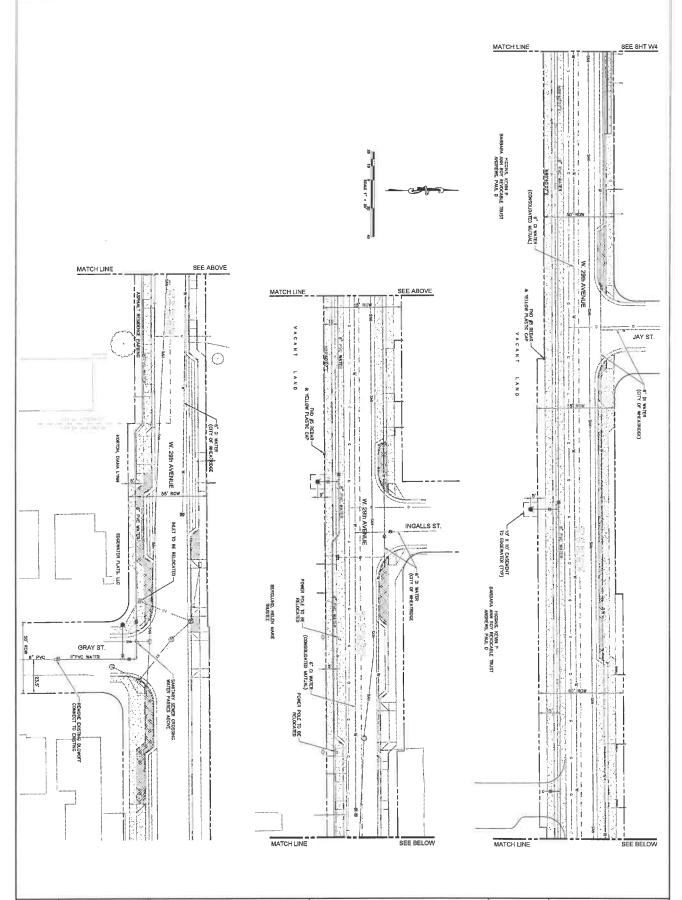




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CITY OF EDGEWATER
PUBLIC WATER SYSTEM IMPROVEMENTS
KENDALL ST./29TH AVE./GRAY ST. MAINS

OVERALL UTILITY PLAN (SHT 2 OF 2)





BID ALTERNATE #7 – 29th Water Line

ITEM NO.	PAY ITEM	ESTIMATED QUANTITY	UNIT	UNIT PRICE	EXTENSION				
619A	8" C900 PVC Pipe	1,346	LF	\$\$					
619B	8" Ductile Iron Pipe	17	LF	\$\$					
619C	6" Ductile Iron Pipe	74.5	LF	\$\$					
619D	10" X 8" Tee	1	EA	\$\$					
619E	8" x 8" Tee	2	EA	\$\$					
619F	8" x 6" Swivel Tee	4	EA	\$\$					
619G	10" x 8" Reducer	1	EA	\$\$					
619H	8" x 6" Reducer	1	EA	\$\$					
6191	8" - 45 Degree Bend	4	EA	\$\$	+5				
619J	8" - 90 Degree Bend	1	EA	\$\$					
619K	8" Gate Valve	7	EA	\$\$					
619L	6" Gate Valve	4	EA	\$\$					
619M	8" Plug	2	EA	\$\$					
619N	6" Plug	1	EA	\$\$					
6190	6" Fire Hydrant Assembly	4	EA	\$\$					
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