

**TOWN OF LYONS, COLORADO
RESOLUTION 2020-138**

**A RESOLUTION OF THE TOWN OF LYONS, COLORADO RATIFYING AN EIGHTH
AMENDMENT TO THE CONSTRUCTION AGREEMENT WITH CGRS, INC. FOR THE
EASTERN CORRIDOR UTILITIES PROJECT**

WHEREAS, the Town of Lyons ("Town") has the authority to enter into contracts for any lawful municipal purpose pursuant to C.R.S. § 31-15-101; and

WHEREAS, the Town has obtained funding for the Eastern Corridor Utilities Project from both the U.S. Department of Commerce Economic Development Administration (EDA) and the Department of Housing and Urban Development Community Development Block Grant Disaster Recovery (CDBG-DR) under Boulder County Collaborative Sub-allocation INF-00021; and

WHEREAS, pursuant to Resolution 2019-36, the Town and CGRS, Inc. ("Contractor") entered into that certain Construction Agreement, Project Number 05-01-05734, dated May 8, 2019 ("Original Agreement") for Contractor to perform the Work as specified in the Contract Documents, for a not-to-exceed cost of **ONE MILLION NINE HUNDRED EIGHTY-NINE THOUSAND NINE HUNDRED NINETY-FIVE DOLLARS (\$1,989,995.00)** (the "Project"); and

WHEREAS, Section 5.00 of the Original Agreement permits the Town to adjust the Contract Price and Section 7.00 of the Original Agreement requires that the Town pay for work beyond that described in the Original Agreement in a separate agreement signed by both the Parties prior to the commencement of the additional work; and

WHEREAS, pursuant to the amendment provisions of the Original Agreement, the Parties entered into that certain First Amendment to Construction Agreement dated September 18, 2019 authorizing the Contractor to perform additional services to inspect and examine the viability of abandoned water lines from the City of Longmont for use on this project in the additional amount of **THIRTY-SEVEN THOUSAND DOLLARS AND NO CENTS (\$37,000.00)**; and

WHEREAS, the Parties entered into that certain Second Amendment to the Original Agreement dated October 24, 2019 in order to add critical monitoring capability and protections to the system in order to protect the downstream distribution piping in the additional amount of **FIFTEEN THOUSAND EIGHT HUNDRED THIRTY-EIGHT DOLLARS AND EIGHTY-ONE CENTS (\$15,838.81)**; and

WHEREAS, the Parties entered into that certain Third Amendment to the Original Agreement dated December 2, 2019 to allow for the additional scope of work as defined in Change Orders 4, 5 and 6, including the rerouting of the original design in order to utilize abandoned lines from the City of Longmont and other related changes, resulting in an overall reduction to the contract amount by **(-)TWO HUNDRED FIFTY-EIGHT THOUSAND FIVE HUNDRED FIFTY-SEVEN DOLLARS AND TWELVE CENTS (-\$258,557.12)**; and

WHEREAS, the Parties entered into that certain Fourth Amendment to the Original Agreement to extend the term of the Original Agreement to May 15, 2020 for work funded by the EDA and June 30, 2020 for all other work; and

WHEREAS, the Parties entered into that certain Fifth Amendment to allow for the additional scope of work as defined in Change Orders 7, 8, and 9, to upgrade the existing pump in order to increase the capacity of the Stone Canyon Lift Station to handle additional flow from the Eastern Corridor Lift Station as required by CDPHE, the Stone Canyon Lift Station Manhole Replacement, and the addition of miscellaneous construction items, resulting in an increase to the contract amount by **THIRTY-NINE THOUSAND NINE HUNDRED FIFTY-ONE DOLLARS AND NO CENTS (\$39,951.00)**; and

WHEREAS, the Parties entered into that certain Sixth Amendment to account for overages, shortages and unbilled items at project close-out for a decrease to the contract amount by **(-)ONE HUNDRED FIFTEEN THOUSAND EIGHT HUNDRED FIFTY-THREE DOLLARS AND FIFTY CENTS (-\$115,853.50)**; and

WHEREAS, the Parties entered into that certain Seventh Amendment to extend the term of the contract until July 31, 2020 at no increase to the contract price; and

WHEREAS, the Parties desire another amendment and have submitted Change Order #11 as shown in Exhibit 1 to add a cast-in-place manhole for an increase to the contract price of **FOUR THOUSAND FOUR HUNDRED DOLLARS AND NO CENTS (\$4,400.00)** funded solely by CDBG-DR funds for a total not-to-exceed contract amount of **ONE MILLION SEVEN HUNDRED TWELVE THOUSAND SEVEN HUNDRED SEVENTY-FOUR DOLLARS AND NINETEEN CENTS (\$1,712,774.19)** ("Eighth Amendment"); and

WHEREAS, the Town's Purchasing Policy allows the Town Administrator to sign construction contracts that incur less than or equal to a \$10,000 increase the contract price and the Contractor and the Town Administrator have executed the Eighth Amendment; and

WHEREAS, the Town Clerk's office instructs staff to ratify all amendments that have been executed administratively in order to enter the amendment into the permanent record; and

WHEREAS, of Lyons Board of Trustees desires to ratify the Eighth Amendment to the Original Agreement with the Contractor on behalf of the Town.

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF TRUSTEES OF THE TOWN OF LYONS, COLORADO:

Section 1. The above recitals are hereby incorporated by reference.

Section 2. The Board of Trustees hereby:

- (a) Ratifies Amendment 8 to the Construction Agreement for the Project in substantially the form attached as Exhibit 2 to increase to the contract price by **FOUR THOUSAND FOUR HUNDRED DOLLARS AND NO CENTS (\$4,400.00)** for a total not-to-exceed contract amount of **ONE MILLION SEVEN HUNDRED TWELVE THOUSAND SEVEN HUNDRED SEVENTY-FOUR DOLLARS AND NINETEEN CENTS (\$1,712,774.19)**.
- (b) Authorizes the Town Administrator and the Town Attorney, in consultation with the Mayor, to make such changes as may be necessary to correct any non-material errors or language in the Construction Agreement that does not increase the obligations of the Town.

Section 3. This resolution shall take effect immediately upon adoption.

ADOPTED this 8th day of SEPTEMBER, 2020.

TOWN OF LYONS:



Nicholas Angelo, Mayor

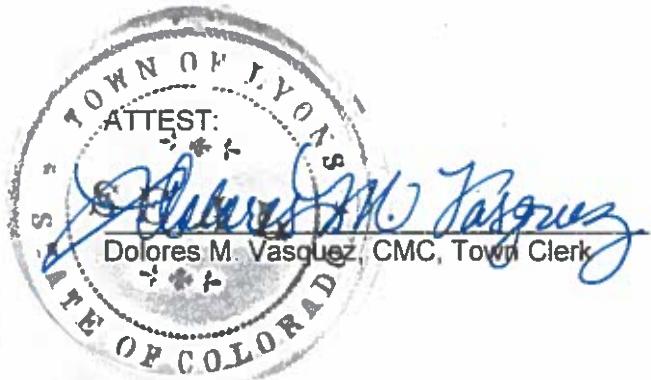


EXHIBIT 1: CGRS, Inc. Change Order #11



CHANGE ORDER

Project Title: EASTERN CORRIDOR UTILITIES

EDA Project No. 05-01-05734

Drawing No. N/A

Sheet No. N/A

Order No. 11
CGRS PR No. N/A

1. Reason for change:

Cast in place manhole base and manhole riser

2. Description of Change:

See attached narrative.

3. Change in Contract Cost:

increase of **\$ 4,400.00**
 decrease of **0**
 no change

4. Change in Contract Time:

increase of **0**
 decrease of **0**
 no change

5. Contract Adjustment Summary:

Original Contract Sum: \$ **1,989,995.00**

Previous Approved Changes: \$ **-281,620.81**

Adjusted Contract Sum: \$ **4,400.00**

New Contract Sum: \$ **1,712,774.19**

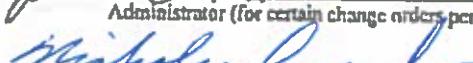
SUBMITTED:  Date: **8-6-2020**
Contractor

APPROVED:  Date: **8-6-2020**
Town Engineer

APPROVED:  Date: **8/8/2020**
Project Manager (for certain change orders per LMC)

APPROVED:  Date: **8-6-2020**
Finance Director (for certain change orders per LMC)

APPROVED:  Date: **8-12-2020**
Administrator (for certain change orders per LMC)

APPROVED:  Date: **9-22-2020**
Board of Trustees (for certain change orders per LMC)



CHANGE ORDER SUMMARY

Town Change Order #	CGRS PR #	Date of Request	Description	Change Order Amount	Previous Change Orders	Contract Sum	Status
						\$ 1,989,995.00	
1	1A	7/29/2019	Add - Excavate, clean & video existing 24" RCP & 27" steel lines	\$ 37,000.00	\$ -	\$ 2,026,995.00	Completed
2	2	7/12/2019	Add - PLC & Modem	\$ 5,016.81	\$ 37,000.00	\$ 2,032,011.81	Completed
3	4	8/22/2019	Add - Pressure Relief Valve in PRV #7	\$ 10,822.00	\$ 42,016.81	\$ 2,042,833.81	Completed
4	5	10/18/2019	Deduct - Wet Tap at PRV 6 & 8	\$ (2,000.00)	\$ 52,838.81	\$ 2,040,833.81	Completed
5	6	10/18/2019	Add - Pressure Relief Valve in PRV 6 & 8	\$ 15,936.00	\$ 50,838.81	\$ 2,056,769.81	Completed
6	3A	11/7/2019	Add / Deduct - Add HDD, Reduce Open Trench, Remove Ramming, Add Tunnel Engineering, Add 24" RCP sleaving, Add 24" HDD Flowfill	\$ (272,493.12)	\$ 66,774.81	\$ 1,784,276.69	Completed
7	7	11/11/2019	Add - Stone Canyon LS Pump Sheaving & Motor Replacement	\$ 7,036.00	\$ (205,718.31)	\$ 1,791,312.69	Completed
8	8	3/16/2020	Add - Stone Canyon LS Manhole Replacement	\$ 25,300.00	\$ (198,682.31)	\$ 1,816,612.69	Completed
9	9	4/24/2020	Add - Misc Const Items	\$ 7,615.00	\$ (173,382.31)	\$ 1,824,227.69	Completed
10	-	5/12/2020	Project Close Out - overages, shortages and unbilled items	\$ (115,853.50)	\$ (165,767.31)	\$ 1,708,374.19	Completed
11	-	8/5/2020	Add - Cast In Place Manhole	\$ 4,400.00	\$ (281,620.81)	\$ 1,712,774.19	In Progress

COST REASONABLENESS JUSTIFICATION

Colorado Civil Group, Inc. has reviewed this change order and finds it necessary to install the cast in place manhole base and manhole riser. The costs for this change order are reasonable and comparable based on historical costs for this type of material and labor.



August 5, 2020

Mr. Philip Strom
Town of Lyons
432 5th Avenue
Lyons, CO 80540

Re: Eastern Corridor Utilities – Change Order #11
Justification Letter

Dear Philip,

During the construction on the replacement manhole just upstream of the Stone Canyon Lift Station (refer to Change Order #8), CGRS exposed all of the existing utilities (8" sanitary sewer main, 4" force main from Stone Canyon Lift Station, 4" force main from Eastern Corridor Lift Station and 4" sewer service from Clark's Hardware). Based on the angles and vertical elevations of the existing 8" sanitary sewer main, it was determined by Town staff and the contractor that the precast concrete manhole manufactured for this project would not work. Due to the existing conditions and time constraints in keeping the existing sanitary sewer system in service, it was concluded that a cast in place manhole base and 36" manhole riser would be the best alternative. The cost and materials to do the work for the cast in place manhole base and riser are considered additional costs to the project. A sketch of the proposed work (see attached) was provided to CGRS and the scope for the additional work is described below:

- Item 091: Installation of cast in place 48" inner diameter manhole base including labor and material
- Item 092: Installation of 36" inner diameter manhole riser including labor and material
- Item 093: Core drill manhole riser for 4" diameter sanitary sewer service coming from Clark's Hardware store

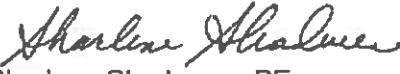
Total Cost: \$4,400

The price for the above scope of work is considered to be reasonable. The cost for the time and material to construct the cast in place manhole, riser and core drill can typically range from \$3,500 to \$5,500, based on experience with similar projects. Colorado Civil Group's opinion is that the \$4,400 is a reasonable cost for the aforementioned scope of work.

Should you need additional information, please do not hesitate to contact me at 970.217.8588 or email me at shar.shadowen@ccginc.us.

Sincerely,

COLORADO CIVIL GROUP, INC.


Sharlene Shadowen, PE

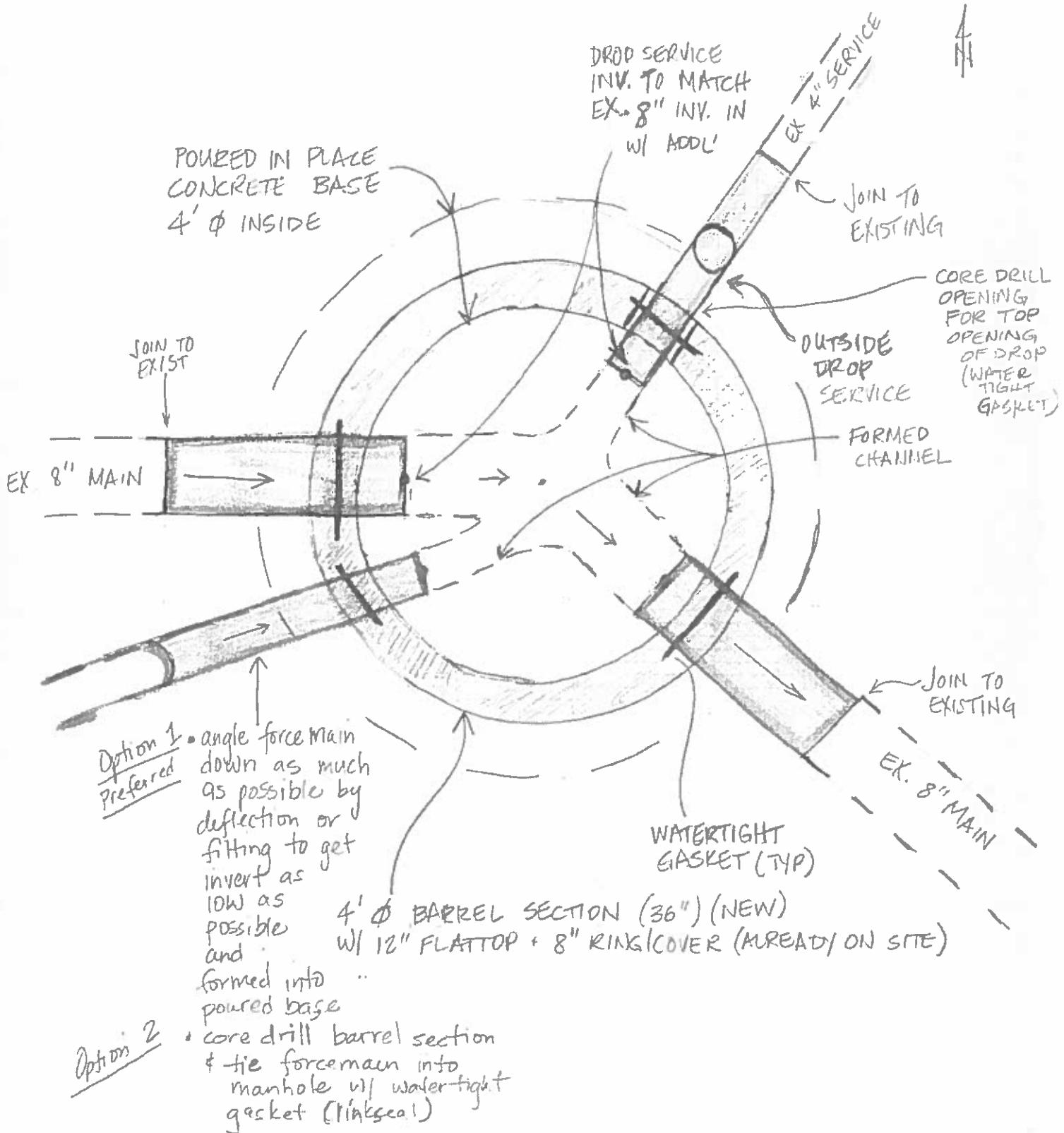
Cc: Aaron Caplan, Town of Lyons

CHANGE ORDER #11

Bid Tabulation

Town of Lyons
Eastern Corridor Utilities Project

Item #	Description	Units	Qty	Unit Price	Total
CHANGE ORDER #11 - ADDITIONAL BID ITEMS					
091	CAST IN PLACE MANHOLE BASE	EA	1	\$2,400.00	\$2,400.00
092	36" MANHOLE RISER	EA	1	\$1,550.00	\$1,550.00
093	CORE DRILL FOR 4" SEWER SERVICE	EA	1	\$450.00	\$450.00
CHANGE ORDER #11 TOTAL					\$4,400.00



OPTION 2

CORE DRILL & CONNECT
FORCEMAIN W/ LINKSEAL, FORM
CHANNEL IN BASE

OPTION 1 (PREFERRED)

DEFLECT OR USE
FITTING (11½ or 22½)
TO ANGLE FORCEMAIN
TO LOWER INVERT AS
MUCH AS POSSIBLE TO
GET INSIDE OF Poured
IN PLACE BASE & FORM
CHANNEL.

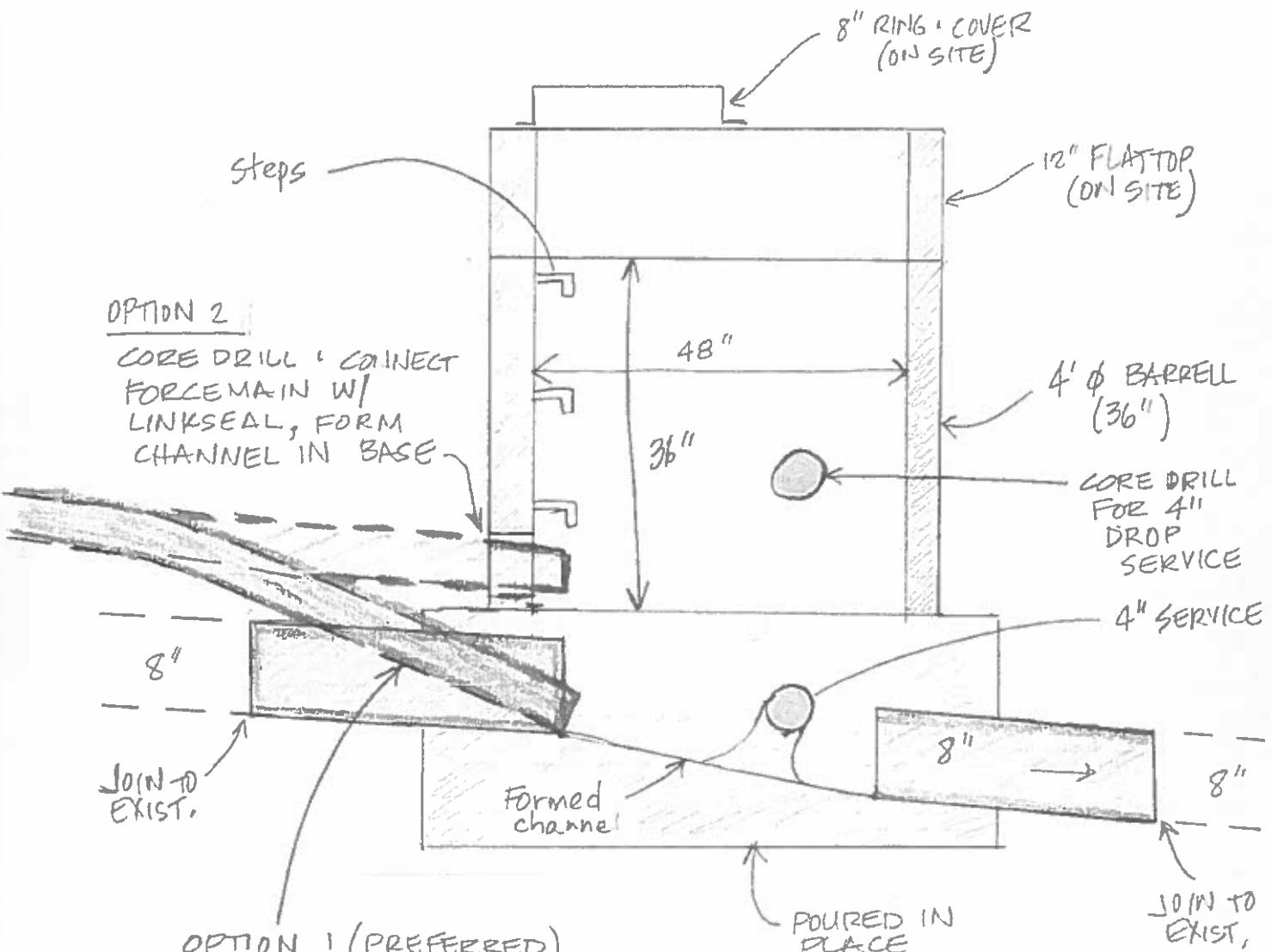


EXHIBIT 2: CGRS, Inc. Amendment 8

Town of Lyons, Colorado

**EIGHTH AMENDMENT TO
CONSTRUCTION AGREEMENT WITH CGRS, INC.**

**Project Name: Eastern Corridor Utilities Project
Project Number: 05-01-05734**

This EIGHTH AMENDMENT TO CONSTRUCTION AGREEMENT ("Eighth Amendment") is made and entered into on the date upon which it is mutually executed by the Parties (the "Effective Date"), by and between the TOWN OF LYONS, COLORADO, a municipal corporation of the State of Colorado, with offices at 432 5th Avenue, Lyons, Colorado 80540 (the "Town"), and CGRS, Inc. with offices at 1301 Academy Court, Fort Collins, CO 80524 (the "Contractor"). The Town and the Contractor may be referred to collectively as the "Parties" and each individually as "Party".

WITNESSETH

WHEREAS, pursuant to Resolution 2019-36, the Town and the Contractor entered into that certain Construction Agreement, Project Number 05-01-05734, dated May 8, 2019 ("Original Agreement") for Contractor to perform the Work as specified in the Contract Documents, for a not-to-exceed cost of **ONE MILLION NINE HUNDRED EIGHTY-NINE THOUSAND NINE HUNDRED NINETY-FIVE DOLLARS AND NO CENTS (\$1,989,995.00)** (the "Project"); and

WHEREAS, the Town has obtained funding for the Project from both the U.S. Department of Commerce Economic Development Administration (EDA) and the Department of Housing and Urban Development Community Development Block Grant Disaster Recovery (CDBG-DR) under Boulder County Collaborative sub-allocation INF-00021; and

WHEREAS, Section 5.00 of the Original Agreement permits the Town to adjust the Contract Price and Section 7.00 of the Original Agreement requires that the Town pay for work beyond that described in the Original Agreement in a separate agreement signed by both the Parties prior to the commencement of the additional work; and

WHEREAS, pursuant to the amendment provisions of the Agreement, the Parties entered into that certain First Amendment to Construction Agreement dated September 18, 2019 authorizing the Contractor to perform additional services to inspect and examine the viability of abandoned water lines from the City of Longmont for use on this project in the additional amount of **THIRTY-SEVEN THOUSAND DOLLARS AND NO CENTS (\$37,000.00)**; and

WHEREAS, the Parties entered into that certain Second Amendment to Construction Agreement dated October 24, 2019 in order to add critical monitoring capability and protections to the system in order to protect the downstream distribution piping in the additional amount of **FIFTEEN THOUSAND EIGHT HUNDRED THIRTY-EIGHT DOLLARS AND EIGHTY-ONE CENTS (\$15,838.81)**; and

WHEREAS, the Parties entered into that certain Third Amendment dated December 2, 2019 to allow for the additional scope of work as defined in Change Orders 4, 5 and 6, including the rerouting of the original design in order to utilize abandoned lines from the City of Longmont

and other related changes, resulting in an overall reduction to the contract amount by **(-)TWO HUNDRED FIFTY-EIGHT THOUSAND FIVE HUNDRED FIFTY-SEVEN DOLLARS AND TWELVE CENTS (-\$258,557.12)**; and

WHEREAS, the Parties entered into that certain **Fourth Amendment** to extend the term of the Original Agreement to May 15, 2020 for work funded by the EDA and June 30, 2020 for all other work; and

WHEREAS, the Parties entered into that certain **Fifth Amendment** to allow for the additional scope of work as defined in Change Orders 7, 8, and 9, to upgrade the existing pump in order to increase the capacity of the Stone Canyon Lift Station to handle additional flow from the Eastern Corridor Lift Station as required by CDPHE, the Stone Canyon Lift Station Manhole Replacement, and the addition of miscellaneous construction items, resulting in an increase to the contract amount by **THIRTY-NINE THOUSAND NINE HUNDRED FIFTY-ONE DOLLARS AND NO CENTS (\$39,951.00)**; and

WHEREAS, the Parties entered into that certain **Sixth Amendment** to account for overages, shortages and unbilled items at project close-out for a decrease to the contract amount by **(-)ONE HUNDRED FIFTEEN THOUSAND EIGHT HUNDRED FIFTY-THREE DOLLARS AND FIFTY CENTS (-\$115,853.50)**; and

WHEREAS, the Parties entered into that certain **Seventh Amendment** to extend the term of the contract until July 31, 2020 at no increase to the contract price; and

WHEREAS, the Parties desire another amendment and have submitted Change Order #11 to add a cast-in-place manhole for an increase to the contract price of **FOUR THOUSAND FOUR HUNDRED DOLLARS AND NO CENTS (\$4,400.00)** funded solely by CDBG-DR funds for a total not-to-exceed contract amount of **ONE MILLION SEVEN HUNDRED TWELVE THOUSAND SEVEN HUNDRED SEVENTY-FOUR DOLLARS AND NINETEEN CENTS (\$1,712,774.19)** ("Eighth Amendment");

NOW, THEREFORE, for the consideration herein expressed, it is agreed by and between the Town and the Contractor that the Original Agreement shall be amended as follows:

1. **Recitals.** The foregoing recitals are true and correct and are incorporated herein by this reference as though set forth in full.
2. **Original Terms and Conditions.** Except as amended herein, the original terms and conditions of the Agreement remain in full force and effect.
1. **Scope of Work.** The Original Agreement is hereby amended by adding the work items documented to be justified and necessary by Town Staff and design consultant JVA, Inc., attached hereto as **EXHIBIT A** to this Sixth Amendment and incorporated herein by reference.
2. **Contract Sum and Payment.** The first sentence of Section 5.00 of the Original Agreement entitled "Contract Sum and Payment" is hereby amended to read in full as follows:

The Owner shall pay to the Contractor for performance of the Work encompassed by this

Agreement, and the Contractor will accept as full compensation therefore the not-to-exceed sum of: **ONE MILLION SEVEN HUNDRED TWELVE THOUSAND SEVEN HUNDRED SEVENTY-FOUR DOLLARS AND NINETEEN CENTS (\$1,712,774.19)** subject to adjustment as provided by the Contract Documents ("Contract Price").

3. **Force and Effect of Amendment.** Notwithstanding anything in the Original Agreement to the contrary, the Original Agreement shall be amended such that all references in the Original Agreement to "Agreement" shall refer to the Original Agreement as amended by this Eighth Amendment.
4. **Conflict.** This Eighth Amendment is and shall be construed as part of the Original Agreement. In case of any inconsistency between this Eighth Amendment and the Original Agreement, the provisions containing such inconsistency shall be reconciled with one another to the maximum extent possible, and then to the extent of any remaining inconsistency, the terms of this Eighth Amendment shall control.
5. **Counterparts.** Facsimile or Electronic Signature; Authority. The Parties hereto agree that this Eighth Amendment may be executed in multiple counterparts which, when signed by all parties, shall constitute a binding agreement. The Parties further agree that this Eighth Amendment may be executed by facsimile or electronic signature, and that any facsimile or electronic signature shall be binding upon the Party providing such signature as if it were the Party's original signature.

IN WITNESS WHEREOF, the Parties have executed this Eighth Amendment to the Construction Agreement, Project/Service: Eastern Corridor Utilities Project, to be effective as of the date of mutual execution by the Parties. By the signature of its representatives below, each Party affirms that it has taken all necessary action to authorize said representative to execute this Eighth Amendment.

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SIGNATURE BLOCK FOLLOWS.

THIS EIGHTH AMENDMENT TO CONSTRUCTION AGREEMENT is executed and made effective as provided above.



TOWN OF LYONS, COLORADO:

Approval by:

By:


Victoria Simonsen, Town Administrator

CGRS, Inc.:

By: 

Printed name: John M. Turner

Its: Project Manager

Date of execution: SEPT 8, 2020

STATE OF Colorado)
COUNTY OF Larimer) ss.

The foregoing Eighth Amendment to Professional Services Agreement was acknowledged before me this
8th day of September, 2020, by John M. Turner as Project Manager of
CGRS, Inc., a Colorado corporation.

Witness my hand and official seal.

My commission expires: 01/03/2022.


Notary Public
(Required for all contracts (C.R.S. § 8-40-202(2)(b)(IV)))

EXHIBIT A
Revised Scope and Fee Schedule

EXHIBIT A

Bid Tabulation

Town of Lyons
Eastern Corridor Utilities Project

ORIGINAL CONTRACT

Item #	Description	Units	Qty	Unit Price	Total
DIVISION 00 and 01 - General Conditions and Requirements					
001	Contract General Conditions and Mobilization	LS	1	\$45,000.00	\$45,000.00
002	Dewatering	LS	1	\$55,000.00	\$55,000.00
003	Initial Construction Surveying	LS	1	\$8,000.00	\$8,000.00
004	Supplemental Construction Surveying	HR	20	\$210.00	\$4,200.00
005	Construction Materials Testing	HR	40	\$175.00	\$7,000.00
Traffic Control					
006	Flaggers	HR	100	\$41.00	\$4,100.00
007	Construction Signs (Size D)	EA	12	\$140.00	\$1,680.00
008	Concrete Barriers	LF	200	\$120.00	\$24,000.00
009	Crash Attenuators	EA	4	\$1,400.00	\$5,600.00
010	Drum Channelizing Device	EA	50	\$70.00	\$3,500.00
DIVISION 02 - Sitework					
011	Remove/Replace Asphalt	SY	50	\$95.00	\$4,750.00
012	Remove/Replace Concrete	SY	20	\$140.00	\$2,800.00
013	Pressure Cleanout	EA	5	\$7,500.00	\$37,500.00
014	Sanitary Cleanout	EA	1	\$1,800.00	\$1,800.00
015	Connection to Stone Canyon Lift Station Manhole	LS	1	\$11,000.00	\$11,000.00
016	4-inch DR 9 HDPE Pipe - Horizontal Directional Drilling	LF	1340	\$65.00	\$87,100.00
017	Cut Off Walls	EA	5	\$2,200.00	\$11,000.00
Erosion Control					
018	Vehicle Tracking Control	EA	7	\$2,400.00	\$16,800.00
019	Silt Fence	LF	5670	\$4.00	\$22,680.00
020	Concrete Washout Area	EA	3	\$2,400.00	\$7,200.00
021	Sediment Control Log	LF	400	\$10.00	\$4,000.00
022	Culvert Inlet Protection	EA	2	\$400.00	\$800.00
023	Clear and Grub	LS	1	\$12,000.00	\$12,000.00
024	Seeding	AC	3.3	\$4,950.00	\$16,335.00
Site Piping					
025	4-inch DR 9 HDPE Pipe - Open Cut	LF	2080	\$127.00	\$264,160.00
026	4-inch Ductile Iron Pipe	LF	20	\$260.00	\$5,200.00
027	6-inch Ductile Iron Pipe	LF	20	\$250.00	\$5,000.00
028	6-inch PVC SDR 35 Pipe	LF	60	\$230.00	\$13,800.00
029	8-inch Ductile Iron Pipe	LF	50	\$275.00	\$13,750.00
030	8-inch PVC SDR 35 Pipe	LF	20	\$260.00	\$5,200.00
031	12-inch by 8-inch Reducer	EA	4	\$1,500.00	\$6,000.00
032	10-inch PVC SDR 35 Pipe	LF	140	\$240.00	\$33,600.00
033	12-inch Ductile Iron Pipe	LF	40	\$320.00	\$12,800.00
034	12-inch by 6-inch Tee	EA	2	\$2,100.00	\$4,200.00
035	12-inch by 12-inch Tee	EA	2	\$2,400.00	\$4,800.00
036	12-inch Ductile Iron Pipe Plug	EA	2	\$1,400.00	\$2,800.00
037	24-inch Welded Steel Casing and Ramming	LF	254	\$1,410.00	\$358,140.00
Site Valves					
038	4-inch Plug Valve	EA	3	\$3,200.00	\$9,600.00
039	6-inch Gate Valve	EA	2	\$2,200.00	\$4,400.00
040	12-inch Gate Valve	EA	4	\$4,600.00	\$18,400.00
041	2-inch Blowoff Valve Assembly	EA	2	\$4,800.00	\$9,600.00
042	6-inch Fire Hydrant Assembly	EA	1	\$9,000.00	\$9,000.00

EXHIBIT 1

Bid Tabulation

Town of Lyons
Eastern Corridor Utilities Project

Item #	Description	Units	Qty	Unit Price	Total
DIVISION 03 - Concrete					
043	Concrete Wet Well	EA	1	\$88,000.00	\$88,000.00
044	4-Foot Diameter Manhole	EA	2	\$15,000.00	\$30,000.00
045	8-Foot Diameter Manhole (overflow storage)	EA	1	\$65,000.00	\$65,000.00
046	Overflow Storage Vaults - 2,500 gallons	EA	2	\$21,000.00	\$42,000.00
DIVISION 11 - Equipment					
047	Submersible Grinder Pumps	EA	2	\$58,000.00	\$116,000.00
DIVISION 13 - Special Construction					
048	Odor Control System	EA	2	\$19,600.00	\$39,200.00
DIVISION 15 - Mechanical					
049	Pressure Reducing Valve Vaults (PRV) - 6, 7, & 8	EA	3	\$71,000.00	\$213,000.00
050	4-inch Ball Check Valve	EA	2	\$900.00	\$1,800.00
Piping					
051	4-inch Ductile Iron Pipe	LF	40	\$260.00	\$10,400.00
052	4-inch Schedule 40 PVC Pipe	LF	40	\$245.00	\$9,800.00
053	6-inch Vent and Vent Piping	EA	3	\$4,600.00	\$13,800.00
DIVISION 16 - Electrical					
054	PRV-7 & East Corridor Lift Station Electrical	LS	1	\$78,000.00	\$78,000.00
055	East Corridor Monitoring Panel	LS	1	\$92,000.00	\$92,000.00
056	PRV-6 Electrical	LS	1	\$7,000.00	\$7,000.00
057	PRV-8 Electrical	LS	1	\$7,000.00	\$7,000.00
058	Odor Control System Electrical	LS	1	\$2,700.00	\$2,700.00
ORIGINAL CONTRACT TOTAL					\$1,989,995.00

CHANGE ORDERS

CHANGE ORDER #1 (PR #1A) - ADDITIONAL BID ITEMS					
059	EXCAVATE AND CUT INTO 24" RCP	EA	2	\$6,000.00	\$12,000.00
060	EXCAVATE AND EXPOSE 27" STEEL LINE	EA	2	\$6,000.00	\$12,000.00
061	CLEANING & TV'ING OF EXIST 24" RCP AND 27	Hours	20	\$650.00	\$13,000.00
CHANGE ORDER #1 TOTAL					\$37,000.00
CHANGE ORDER #2 (PR #2) - ADDITIONAL BID ITEMS					
062	PLC & CELLULAR MODEM FOR MONITORING PANEL	LS	1	\$5,016.81	\$5,016.81
CHANGE ORDER #2 TOTAL					\$5,016.81
CHANGE ORDER #3 (PR #4) - ADDITIONAL BID ITEMS					
070	4-INCH PRESSURE RELIEF VALVE AND ASSOCIATED APPURTEANCES	EA	1	\$10,822.00	\$10,822.00
CHANGE ORDER #3 TOTAL					\$10,822.00
CHANGE ORDER #4 (PR #5) - ADDITIONAL BID ITEMS					
071	12" x 8" TAPPING SLEEVE AND THRUST BLOCK	EA	2	\$3,800.00	\$7,600.00
072	8" TAPPING VALVE	EA	2	\$3,700.00	\$7,400.00
073	DEDUCT: LINE 031 - "12-inch by 8-inch Reducer"	EA	-2	\$1,500.00	(\$3,000.00)
074	DEDUCT: LINE 035 - "12-inch by 12-inch Tee"	EA	-2	\$2,400.00	(\$4,800.00)
075	DEDUCT: LINE 040 - "12-inch Gate Valve"	EA	-2	\$4,600.00	(\$9,200.00)
CHANGE ORDER #4 TOTAL					(\$2,000.00)
CHANGE ORDER #5 (PR #6) - ADDITIONAL BID ITEMS					
076	4-INCH TEE AND 4-INCH GATE VALVE	EA	2	\$1,811.00	\$3,622.00
077	4-INCH BLIND FLANGE	EA	2	\$100.00	\$200.00
078	4-INCH PRESSURE RELIEF VALVE	EA	2	\$6,057.00	\$12,114.00
CHANGE ORDER #5 TOTAL					\$15,936.00

EXHIBIT 1

Bid Tabulation

Town of Lyons
Eastern Corridor Utilities Project

Item #	Description	Units	Qty	Unit Price	Total
CHANGE ORDER #6 (PR #3A) - ADDITIONAL BID ITEMS					
063	4-INCH DR 9 HDPE PIPE - SLEEVING WITH FLOWFILL ENDS ON 24" RCP	LF	160	\$65.00	\$10,400.00
064	4-INCH DR 9 HDPE PIPE - HORIZONTAL DIRECTIONAL DRILLING (WITH COBBLE)	LF	1670	\$140.00	\$233,800.00
065	4-INCH DR 9 HDPE PIPE - HORIZONTAL DIRECTIONAL DRILLING THROUGH FLOWFILL	LF	135	\$140.00	\$18,900.00
066	4-INCH DR 9 HDPE PIPE - OPEN CUT (WITH COBBLE)	LF	375	\$170.00	\$63,750.00
067	TUNNEL ENGINEERING	EA	1	\$22,956.88	\$22,956.88
068	DEDUCT: LINE 025 - "4-inch DR 9 HDPE Pipe - Open Cut"	LF	-2080	\$127.00	(\$264,160.00)
069	DEDUCT: LINE 037 - "24-inch Welded Steel Casing and Ramming"	LF	-254	\$1,410.00	(\$358,140.00)
CHANGE ORDER #6 TOTAL					-\$272,493.12
CHANGE ORDER #7 (PR #7) - ADDITIONAL BID ITEMS					
079	SHEAVING OF EXISTING STONE CANYON LIFT STATION PUMPS AND REPLACING OF EXISTING MOTORS	EA	1	\$7,036.00	\$7,036.00
CHANGE ORDER #7 TOTAL					\$7,036.00
CHANGE ORDER #8 (PR #8) - ADDITIONAL BID ITEMS					
080	DEMO OF EXISTING MANHOLE AND PIPE INSIDE MANHOLE	EA	1	\$6,000.00	\$6,000.00
081	REROUTE FORCEMAIN AROUND MANHOLE	EA	1	\$3,300.00	\$3,300.00
082	INSTALLATION OF NEW MANHOLE AND ASSOCIATED PIPING	EA	1	\$16,000.00	\$16,000.00
CHANGE ORDER #8 TOTAL					\$25,300.00
CHANGE ORDER #9 (PR #9) - ADDITIONAL BID ITEMS					
083	ADDITIONAL STEPS AND VENT PIPES IN PRV VAULTS 7 AND 8	EA	1	\$325.00	\$325.00
084	INSTALLATION OF ADDITIONAL STEPS IN PRV VAULTS 7 AND 8	EA	1	\$25.00	\$25.00
085	INCREASE WALL HEIGHT FOR PRV 6 AND 8 - CAST IN PLACE CONCRETE	EA	1	\$3,225.00	\$3,225.00
086	CONCRETE ENCASEMENT AT STA 14+40	CY	5	\$200.00	\$1,000.00
087	LABOR FOR CONCRETE ENCASEMENT AT STA 14+40	HRS	2	\$325.00	\$650.00
088	LABOR TO ASSIST TOWN WITH DAMAGED WATER SERVICE	HRS	4	\$325.00	\$1,300.00
089	IMPORTED BEDDING FOR BACKFILL OF AREA OF DAMAGED WATER SERVICE	CY	5	\$25.00	\$125.00
090	EXCAVATION AND HAULING OF UNSUITABLE SOIL IN THE AREA OF DAMAGED WATER SERVICE	CY	3	\$180.00	\$540.00
CHANGE ORDER #9 TOTAL					\$7,615.00

EXHIBIT 1

Bid Tabulation

Town of Lyons
Eastern Corridor Utilities Project

Item #	Description	Units	Qty	Unit Price	Total
CHANGE ORDER #10 - FINAL CLOSE OUT BID ITEMS					
005	Construction Materials Testing	HR	(11.43)	\$175.00	(\$2,000.00)
006	Flaggers	HR	(100)	\$41.00	(\$4,100.00)
007	Construction Signs (Size D)	EA	12	\$140.00	\$1,680.00
009	Crash Attenuators	EA	(4)	\$1,400.00	(\$5,600.00)
010	Drum Channelizing Device	EA	50	\$70.00	\$3,500.00
011	Remove/Replace Asphalt	SY	(25)	\$95.00	(\$2,375.00)
012	Remove/Replace Concrete	SY	(20)	\$140.00	(\$2,800.00)
013	Pressure Cleanout	EA	(2)	\$7,500.00	(\$15,000.00)
014	Sanitary Cleanout	EA	(1)	\$1,800.00	(\$1,800.00)
016	4-inch DR 9 HDPE Pipe - Horizontal Directional Drilling	LF	(485)	\$65.00	(\$31,525.00)
017	Cut Off Walls	EA	(5)	\$2,200.00	(\$11,000.00)
019	Silt Fence	LF	(4170)	\$4.00	(\$16,680.00)
020	Concrete Washout Area	EA	(1)	\$2,400.00	(\$2,400.00)
021	Sediment Control Log	LF	(180)	\$10.00	(\$1,800.00)
022	Culvert Inlet Protection	EA	(1)	\$400.00	(\$400.00)
024	Seeding	AC	(1.3)	\$4,950.00	(\$6,435.00)
027	6-inch Ductile Iron Pipe	LF	(18.88)	\$250.00	(\$4,720.00)
029	8-inch Ductile Iron Pipe	LF	18.85	\$275.00	\$5,183.00
030	8-inch PVC SDR 35 Pipe	LF	90.38	\$260.00	\$23,500.00
032	10-inch PVC SDR 35 Pipe	LF	(7)	\$240.00	(\$1,680.00)
033	12-inch Ductile Iron Pipe	LF	(16.02)	\$320.00	(\$5,126.00)
034	12-inch by 6-inch Tee	EA	(1.28)	\$2,100.00	(\$2,688.00)
039	6-inch Gate Valve	EA	(1)	\$2,200.00	(\$2,200.00)
042	6-inch Fire Hydrant Assembly	EA	(1)	\$9,000.00	(\$9,000.00)
059	EXCAVATE AND CUT INTO 24" RCP	EA	1	\$6,000.00	\$6,000.00
060	EXCAVATE AND EXPOSE 27" STEEL LINE	EA	2	\$6,000.00	\$12,000.00
061	CLEANING & TV'ING OF EXIST 24" RCP AND 27"	Hours	(4.75)	\$650.00	(\$3,087.50)
063	4-INCH DR 9 HDPE PIPE - SLEEVING WITH FLOWFILL ENDS ON 24" RCP	LF	1340	\$65.00	\$87,100.00
064	4-INCH DR 9 HDPE PIPE - HORIZONTAL DIRECTIONAL DRILLING (WITH COBBLE)	LF	(816)	\$140.00	(\$114,240.00)
066	4-INCH DR 9 HDPE PIPE - OPEN CUT (WITH COBBLE)	LF	(48)	\$170.00	(\$8,160.00)
CHANGE ORDER #10 TOTAL					(\$115,853.50)

CHANGE ORDER #11 - ADDITIONAL BID ITEMS					
091	CAST IN PLACE MANHOLE BASE	EA	1	\$2,400.00	\$2,400.00
092	36" MANHOLE RISER	EA	1	\$1,550.00	\$1,550.00
093	CORE DRILL FOR 4" SEWER SERVICE	EA	1	\$450.00	\$450.00

CHANGE ORDER #11 TOTAL \$4,400.00

CHANGE ORDER TOTAL (\$277,220.81)

CURRENT CONTRACT TOTAL \$1,712,774.19