

Project: Cheley Camp Sewer Main Extension
 Cheley Colorado Camps, Inc.
 3960 Fish Creek Road
 Estes Park, CO 80517

Date: January 5, 2016

To: All Holders of Plans for Prospect Avenue By-Pass Reconstruction

Subject: Addendum No. 1, (To be acknowledged in all bid proposals)

1) Questions/ Answers.

- a. Are manhole coatings required as indicated on page 74 of the Upper Thompson Sanitation District Rules and Regulations? *Yes*
- b. Is tracer wire required as indicated on UTSD detail 2240 and 2220A? *Yes*
- c. Based on discussion at the prebid, is it a correct assumption that the district will perform all required testing of the pipe and manholes? *Yes, Upper Thompson Sanitation District will perform all required testing.*
- d. Who will handle the compaction testing? *No compaction testing will be required. The project will be under a two year warranty, so any excessive settlement will be repaired as warranty work.*
- e. Can you confirm that excess spoils, trees and/or boulders will be left onsite? *Cheley Camps will provide a location for onsite disposal of excess spoils, trees, stumps and or boulders.*
- f. The Ductile Iron sewer called out as class 51 or 53, will there be any lining requirements on the interior? *All Ductile Iron Pipe Sewer Main lining is to be Protecto 401, Ceramic Epoxy.*

- 2) All work is to be in compliance with the “Upper Thompson Sanitation Rules & Regulations, Amended January 2015”. Including but not limited to “Appendix C, Waste Water Collection System Specifications” and “Appendix I, Standard Details”. The Rules and regulations can be down loaded at:

http://www.utsd.org/rules/Rules_Regs_2015.pdf

- 3) Contractor should take note of Note 13, Detail 2610, of Appendix I Standard Details: “Install concrete collar flush with rim on all new manholes. Extend to a minimum of 6-inches below top of cone section. Minimum of 6-inch width for full circumference. Collar not required on rings or covers located in in asphalt and /or concrete”.

CONTRACT DOCUMENTS

- 4) Section 00400 BID FORM (Revised January 5, 2016)

a. Add Item 2A-	10" Ductile Iron Pipe	LF	34
b. Change Item 3 -	Manhole Coring & Connection (STA 1+00)	EA	1
c. Change Item 4 -	Standard Manhole	EA	15 16
d. Remove Item 3A	Alternate Bid		

- 5) Section 01025 MEASUREMENT AND PAYMENT (Revised January 5, 2016)
 - a. Add Item 2A- 10" Ductile Iron Pipe
 - b. Modified Item 3 - Manhole Connection (STA 1+00)
 - c. Remove Item 3A Alternate Bid

CONSTRUCTION DRAWING REVISIONS

- 6) Sheet 2 of 8-
 - a. Modification of *STA 1+00 CONNECTION DETAIL*
 - b. Alignment modification STA 1+00 to STA 3+90
 - c. New Manhole STA 1+39

ATTACHMENTS:

- a) Section 00400, Revised Bid Form
- b) Section 01025, Revised Measurement and Payment
- c) STA 1+00 Connection Detail

SECTION 00400
BID FORM
(Revised January 5, 2016)

DATE _____, 20____.

PROJECT Cheley Camp Sewer Main Extension

PROPOSAL OF _____
Hereinafter called "Bidder", a (corporation) (partnership) (sole proprietorship)
(Bidder strike out inapplicable terms)

TO Cheley Colorado Camps, Inc. (hereinafter called "Owner")

The undersigned, in compliance with your Advertisement for Bids, submits the following Bid.

1.1 REPRESENTATIONS

- A. Bidder will accept the provisions of the Bidding Documents.
- B. Bidder will enter into and execute a contract with the Owner within ten (10) days after notification of the acceptance of this Bid.
- C. Bidder will accomplish the Work in accordance with the Bidding Documents prepared by Cornerstone Engineering & Surveying, Inc.

1.2 SCHEDULE OF WORK

Work is anticipated to begin January 18, 2016 with final substantial completion by April 1, 2016.

1.3 BID AMOUNTS

- A. Unit Prices: The unit prices listed below and described in Section 01 2200, will apply throughout the project:

	<u>Item</u>	<u>UNIT</u>	<u>QUANTITY</u>	<u>UNIT PRICE</u>	<u>UNIT COST</u>
1	Mobilization	LS	1	_____	_____
2	8" SDR 35 Sewer Main	LF	3425	_____	_____
2a	10" Ductile Iron Pipe	LF	34	_____	_____
3	Man Hole Connection (STA 1+00)	EA	1	_____	_____
4	Standard Manhole	EA	16	_____	_____
5	Drop Manhole	EA	1	_____	_____
6	Stream Crossing (STA ~11+55)	EA	1	_____	_____
7	Stream Crossing (STA ~27+25)	EA	1	_____	_____
8	Blasting	LF	2,000	_____	_____
9	Clay Barriers	EA	4	_____	_____
10	Erosion Control	LS	1	_____	_____
11	Re vegetation (~ 1.8 acres)	LS	1	_____	_____

TOTAL CONSTRUCTION COST _____

Total: \$ _____ (numbers)

_____ (written).

1.4 ADDENDA

A. Bidder acknowledges receipt of the following Addenda:

No. _____ Dated _____, 20____

No. _____ Dated _____, 20____

Respectfully Submitted,

Firm Name

By

Street Address

Signature

City, State and Zip Code

Title

Telephone

Corporations: Affix Corporate Seal

State in which incorporated

END OF DOCUMENT

DIVISION 1

SECTION 01025 - MEASUREMENT AND PAYMENT (Revised January 5, 2016)

PART 1 - GENERAL

The entire cost of the work and the material necessary to complete all items shown or implied on the Drawings or specified herein shall be included and merged into the pay items shown in Section 00310, Proposal Schedules. All payments shall be subject to the conditions of these specifications.

All pay items shall include materials, transportation expenses to the job site, cost of installation and maintenance during construction, guarantees and warranties, if applicable, profit, sales tax, license, permits, and other taxes required for the completion of the project in place for each item in the bid schedules.

No additional compensation will be allowed for any item completed beyond the limits as shown on the Contract Drawings without the prior written approval of the Engineer.

PART 2 - MEASUREMENT AND PAYMENT

Item 1 - Mobilization

This item shall be paid on a lump sum basis and shall include moving onto the site of all equipment and materials; providing a construction trailer and sanitary facilities at the site and installation of other construction facilities as required by the specifications.

Item 2 - 8" SDR 35 Sewer Main.

This item shall be paid on a linear foot basis and shall include all of the costs for labor, materials and equipment necessary to complete the installation including but not limited to the following: tree removal, bedding, excavation, dewatering, bedding, pipe (8" SDR 35), fittings, backfill, compaction, utility locates, testing and all appurtenances either shown or implied in the Contract Documents to provide a complete and functional facility.

Item 2A - 10" Ductile Iron Pipe. (Revised January 5, 2016)

This item shall be paid on a linear foot basis and shall include all of the costs for labor, materials and equipment necessary to complete the installation including but not limited to the following: tree removal, bedding, excavation, dewatering, bedding, pipe (10" Ductile Iron Pipe STA 1+00 to STA 1+39), fittings, backfill, compaction, utility locates, testing and all appurtenances either shown or implied in the Contract Documents to provide a complete and functional facility.

Item 3 – Manhole Connection (STA-1+00) (Revised January 5, 2016)

This item shall be paid on a per item basis and shall include all of the costs for labor, materials and equipment necessary to complete the connection of the new sewer main to the existing manhole located in Rockwood Lane including but not limited to the following: traffic control, right of way permit, excavation, bedding, fittings, connection of DIP pipe, concrete encasement, grouting, insulation, backfill, compaction, road repair and all appurtenances either shown or implied in the Contract Documents to provide a complete and functional facility.

Item 4 – Standard Manhole

This item shall be paid on a per item basis and shall include all of the costs for labor, materials and equipment necessary to complete the manhole installation including but not limited to the following:

excavation, dewatering, bedding, precast manhole, rim, lid, ladder, connection to sewer main, fittings, backfill, compaction and all appurtenances either shown or implied in the Contract Documents to provide a complete and functional facility.

Item 5 – Drop Manhole

This item shall be paid on a per item basis and shall include all of the costs for labor, materials and equipment necessary to complete the drop manhole installation including but not limited to the following: excavation, dewatering, bedding, precast manhole, rim, lid, ladder, connection to sewer main including existing, fittings, backfill, compaction and all appurtenances either shown or implied in the Contract Documents to provide a complete and functional facility.

Item 6 – Stream Crossing (~STA 11+55)

This item shall be paid on a per item basis and shall include all of the costs for labor, materials and equipment necessary to complete the installation including but not limited to the following: excavation, cofferdams, dewatering, Class 52 DIP Pipe, concrete encasement w/ reinforcement, fittings, bedding, backfill, compaction, testing and all appurtenances either shown or implied in the Contract Documents to provide a complete and functional facility.

Item 7 Stream Crossing (~STA 27+25)

This item shall be paid on a per item basis and shall include all of the costs for labor, materials and equipment necessary to complete the installation including but not limited to the following: excavation, cofferdams, dewatering, Class 52 DIP Pipe, concrete encasement w/ reinforcement, fittings, bedding, backfill, compaction, testing and all appurtenances either shown or implied in the Contract Documents to provide a complete and functional facility.

Item 8 – Blasting

This item shall be paid on a linear foot basis when trench excavation cannot be accomplished using a Caterpillar 320 excavator with a ripper tooth or comparable size machine with a ripper tooth and shall include all of the costs for labor, materials and equipment necessary to provide required blasting to facilitate the installation of a of the sewer main and manholes including but not limited to the following: drilling, loading, blasting, excavation and all appurtenances either shown or implied in the Contract Documents to provide a complete and functional facility.

Item 9 – Clay Barriers

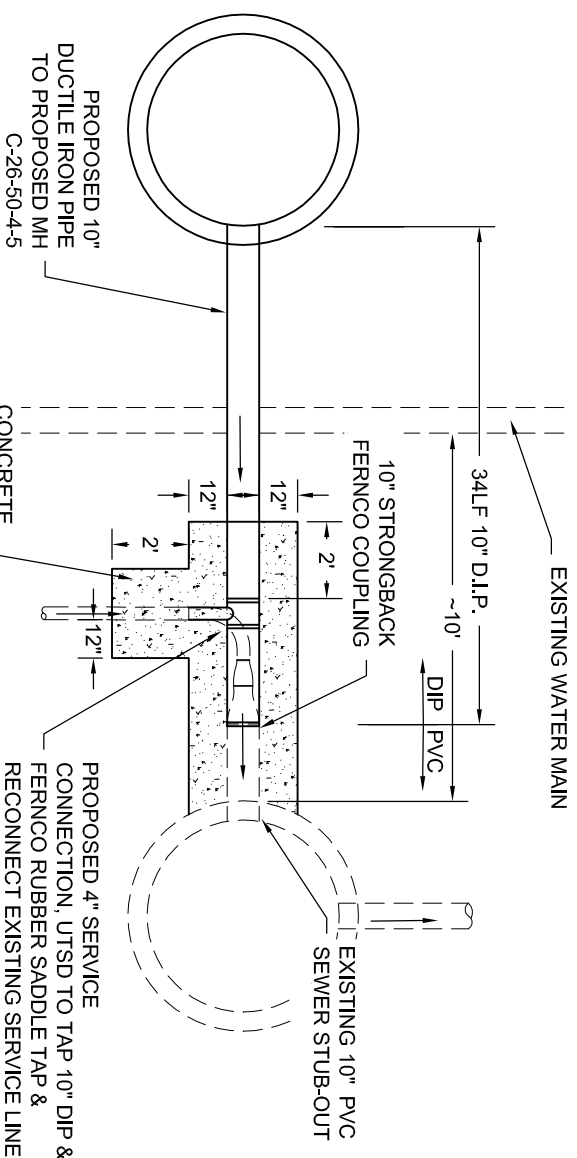
This item shall be paid on a per each basis and shall include all of the costs for labor, materials and equipment necessary to complete the installation of the clay barriers including but not limited to the following: excavation, clay material, placement, compaction and all items either shown or implied in the Contract Documents to complete the site.

Item 10 - Erosion Control

This item shall be paid on a lump sum basis and shall include all of the costs for labor, materials and equipment necessary to preform measures required to control erosion and sedimentation and water pollution including but not limited to the following: CDPH Stormwater Discharge Permit Associated w/ Construction, straw erosion bales, stakes, silt fence, check dams, trash removal, tracking pads, concrete washout structure and all items either shown or implied in the Contract Documents or determined in the Stormwater Discharge Permit for proper execution of the work.

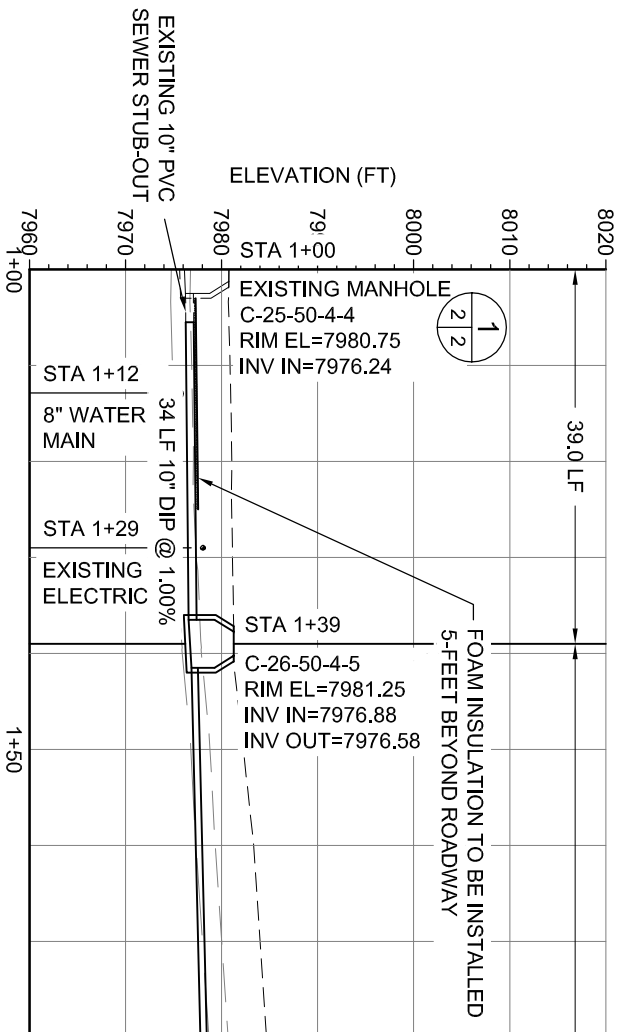
Item 11 – Re-vegetation

This item shall be paid on a lump sum basis and shall include all of the costs for labor, materials and equipment necessary to complete the re-vegetation work including but not limited to the following: top soil, fine grading, seeding, mulching, landscaping, and all items either shown or implied in the Contract Documents to complete the site.



PLAN VIEW

NTS



PROFILE

NTS

STA 1+00 CONNECTION DETAIL

JOB NO. ---

CHELEY CAMP
SEWER MAIN EXTENSION
ROCKWOOD LANE WEST

BY: mst

DATE: 01/05/2016

FILE: M1806_001Cheley sewer-REV 12_24_15.dwg



CORNERSTONE
ENGINEERING & SURVEYING, INC.
1692 BIG THOMPSON AVE, SUITE 200, ESTES PARK, CO 80517
PH: (970) 586-2458 FAX: (970) 586-2459