



**JEFFERSON COUNTY, TEXAS  
PURCHASING DEPARTMENT**

1149 Pearl Street – First Floor  
Beaumont, Texas 77701  
409-835-8593 phone

**ADDENDUM TO IFB**

IFB Number: (IFB 17-008/JW)  
IFB Title: Cheek Phase V- Cheek Community Sewer Improvements  
(Grinder Pump and Force Main Installation) (TxCDBG No.7216231)  
IFB Due: **11:00 am CDT, Tuesday, October 24, 2017**  
Addendum No.: 2  
Issued (Date): October 17, 2017

**TO BIDDER:** This Addendum is an integral part of the IFB package under consideration by you as a Bidder in connection with the subject matter herein identified. Jefferson County deems all sealed proposals to have been proffered in recognition and consideration of the entire IFB package – **including all addenda.** For purposes of clarification, **receipt of this present Addendum by a Bidder should be evidenced by returning it (signed) as part of the Bidder’s sealed proposal.** If the Proposal has already been received by the Jefferson County Purchasing Department, Bidder should return this addendum in a separate sealed envelope, clearly marked with the IFB Title, IFB Number, and Opening Date and Time, as stated above.

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**Reason for Issuance of this addendum:**

**-Responses/Clarifications** for Technical and Bid Submission Requirement Questions Received for this Invitation for Bid.

**-Revised Bid Proposal Form and Alternate Bid Proposal Form:**

These forms replace any previous versions of the Bid Proposal Form and Alternate Bid Proposal Form for this Invitation for Bid. Bidders are to utilize the Revised Bid Proposal Form and Alternate Bid Proposal Form included in this addendum for bid submission.

**-Revised Scope of Work for Specifications:**

Please replace Pages 111 – 113 with the revised pages included in this addendum. These pages reflect revisions to the installation locations (addresses) to be included in the bid within both the Bid Proposal Form and Alternate Bid Proposal Form. These pages replace any previous version of the specifications.

**-Revised Plan Sheet:**

Please replace Page 2 of 6 of the Plan Sheets with the revised page included in this addendum. This page reflects the revisions to installation locations (addresses) included in the bid. This page replaces any previous version of the specifications.

**Responses/Clarification for Technical and Bid Submission Requirement Questions Received from Potential Bidders:**

**Question: Where is grinder unit to be installed?**

**Answer: To be installed on side of the house that is closest to the septic tank.**

**Question: How will the contractor proceed for a home that has two (2) septic systems?**

**Answer: TDA grant funds may only be utilized for one grinder unit per home.**

**Question: For homes that have two (2) septic systems, who will be responsible for making the determination on what septic system to utilize?**

**Answer: The homeowner will be consulted and give consent for which septic system to utilize.**

**Question: Is property restoration work included for this project?**

**Answer: The contractor will be required to level up trench line and septic tank backfill and any other ruts contractor makes in yard installing grinder unit and service line. There will be no sodding.**

## Addendum No. 2 Revised Bid Proposal

### Cheek Community Sewer Improvements - Cheek Phase V Grinder Pump Installation & Force Main

Jefferson County, Texas  
TXCD8G Contract No. 7216231/ACE Job No. 115-02

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE BID WRITTEN IN WORDS		UNIT PRICE WRITTEN IN FIGURES		TOTAL PRICE BID WRITTEN IN FIGURES	
				DOLLARS	CENTS	DOLLARS	CENTS	DOLLARS	CENTS
1	MOBILIZATION AND DEMOBILIZATION	L.S.	1						
2	FURNISH & INSTALL LPSS GRINDER PUMP STATION INCLUDING PUMP, FIBERGLASS TANK, CONTROLS & HOUSING INCLUDING ELECTRICAL INSTALLATION, AND 4" SEWER CONNECTION FROM HOUSE COMPLETE IN PLACE PER SUMMARY OF WORK	EA.	15						
3	ABANDON EXISTING SEPTIC TANK	EA.	15						
4	1 1/4" HDPE SDR-11 SANITARY SEWER SERVICE LINE, COMPLETE IN PLACE, FROM VALVE BOX TO GRINDER UNIT	LF	1,560						
5	2" PVC SDR-26 SEWER FORCE MAIN COMPLETE IN PLACE INCLUDING SAND ENCASEMENT PER DETAIL	L.F.	532						
6	DRIVEWAY BORE FOR 2" SEWER FORCE MAIN	L.F.	40						
7	2" 45 DEG. BEND DI-MJ, RESTRAINED W/ MEGA-LUGS	EA.	1						
8	2" GATE VALVE DI-MJ RESTRAINED W/MEGA-LUGS	EA.	1						
9	6"x2" WYE DI-MJ, RESTRAINED W/MEGA-LUG INSTALLED ON EXISTING FORCE MAIN LOCATED ON BROOKS RD. & DENLEY COMPLETE IN PLACE	EA.	1						

# Addendum No. 2 Revised Bid Proposal

## Cheek Community Sewer Improvements - Cheek Phase V Grinder Pump Installation & Force Main

Jefferson County, Texas  
TXCD8G Contract No. 7216231/ACE Job No. 115-02

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE BID WRITTEN IN WORDS		UNIT PRICE WRITTEN IN FIGURES		TOTAL PRICE BID WRITTEN IN FIGURES	
				DOLLARS	CENTS	DOLLARS	CENTS	DOLLARS	CENTS
10	2" TERMINAL CLEANOUT W/Vault (SEE DETAILS SHEET 5 OF 6) COMPLETE IN PLACE	EA.	1						
11	LONG SIDE SANITARY SEWER LOW PRESSURE SERVICE LINE FROM FORCE MAIN TO AND INCLUDING VALVE BOX AT PROPERTY LINE INCLUDING TAP SADDLE, 1-1/4" SDR-11 HDPE, FITTINGS, VALVES, & ROADWAY BORE COMPLETE IN PLACE (SEE DETAILS, SHEET 4 OF 6)	EA.	8						
12	SHORT SIDE SANITARY SEWER LOW PRESSURE SERVICE LINE FROM FORCE MAIN TO AND INCLUDING VALVE BOX AT PROPERTY LINE INCLUDING TAP SADDLE, 1-1/4" SDR-11 HDPE, FITTINGS, & VALVES COMPLETE IN PLACE (SEE DETAILS, SHEET 4 OF 6)	EA.	7						
13	"610" ROCK FOR DRIVEWAYS, LOOSE DUMP AND SPREAD MIN. 6" THICK	TON	120						
<b>ITEMS TO BE USED WHEN DIRECTED BY ENGINEER</b>									
14	MANHOURS WHEN AUTHORIZED BY THE ENGINEER	HOUR	5						
15	TRUCK HOURS WHEN AUTHORIZED BY THE ENGINEER	HOUR	5						
16	BACK HOE / LOADER HOUR WHEN AUTHORIZED BY THE ENGINEER	HOUR	5						
17	FURNISH & INSTALL 4" PVC FOR ADDITIONAL LINES WHEN AUTHORIZED BY THE ENGINEER.	LF	100						

**Addendum No. 2 Revised Bid Proposal**  
**Cheek Community Sewer Improvements - Cheek Phase V**  
**Grinder Pump Installation & Force Main**

Jefferson County, Texas  
 TXCDBG Contract No. 7216231/ACE Job No. 115-02

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE BID WRITTEN IN WORDS		UNIT PRICE WRITTEN IN FIGURES		TOTAL PRICE BID WRITTEN IN FIGURES	
				DOLLARS	CENTS	DOLLARS	CENTS	DOLLARS	CENTS
18	CEMENT STABILIZED SAND BACKFILL 1-1/2 SACK/C.Y. WHEN AUTHORIZED BY THE ENGINEER	TON	5						
19	EXTRA CLASS-A CONCRETE - BULK, COMPLETE IN PLACE WHEN AUTHORIZED BY THE ENGINEER	C.Y.	5						
20	EXTRA CLASS-A CONCRETE - FORMED, COMPLETE IN PLACE WHEN AUTHORIZED BY THE ENGINEER	C.Y.	5						
						TOTAL			
	STATEMENT FOR SEPARATED CONTRACT COMPLIANCE:								
	NON-CONSUMABLE MATERIALS AND EQUIPMENT .....							\$	
	SKILLED LABOR, MATERIALS, EQUIPMENT AND TOOLS.....							\$	
								\$	
								TOTAL	

The undersigned agrees to commence work within ten (10) days after the date of written notice to commence work and to substantially complete the work on which he has bid within (\_\_\_\_\_) calendar days as provided in the General Conditions of the Agreement. Enclosed herewith is a cashier's check, certified check, or bid bond in the sum of 5% of the greatest amount bid which it is agreed shall be collected and retained by the **OWNER** as liquidating damages in the event this proposal is accepted by the **OWNER** within sixty (60) days after the date advertised for the reception of bids and the undersigned fails to execute the contract and the required bond with the **OWNER**, under the conditions hereof, within ten (10) days after the date said proposal is accepted, otherwise said check or bond shall be returned to the undersigned upon demand.

CONTRACTOR: \_\_\_\_\_ ADDRESS: \_\_\_\_\_ Phone: \_\_\_\_\_

BY: \_\_\_\_\_ DATE: \_\_\_\_\_

**Addendum No. 2 Revised Alternate Addition Bid Proposal**  
**Cheek Community Sewer Improvements - Cheek Phase V**  
**Grinder Pump Installation & Force Main**

Jefferson County, Texas  
 TXCDBG Contract No. 72162331, ACE Job No. 115-02

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE BID WRITTEN IN WORDS		UNIT PRICE WRITTEN IN FIGURES		TOTAL PRICE BID WRITTEN IN FIGURES	
				DOLLARS	CENTS	DOLLARS	CENTS	DOLLARS	CENTS
1	FURNISH & INSTALL LPSS GRINDER PUMP STATION INCLUDING PUMP, FIBERGLASS TANK, CONTROLS & HOUSING INCLUDING ELECTRICAL INSTALLATION, AND 4" SEWER CONNECTION FROM HOUSE COMPLETE IN PLACE PER SUMMARY OF WORK	EA.	7						
2	ABANDON EXISTING SEPTIC TANK	EA.	7						
3	1-1/4" HDPE SDR-11 SANITARY SEWER SERVICE LINE, COMPLETE IN PLACE, FROM VALVE BOX TO GRINDER UNIT	LF	728						
4	SHORT SIDE SANITARY SEWER LOW PRESSURE SERVICE LINE FROM FORCE MAIN TO AND INCLUDING VALVE BOX AT PROPERTY LINE INCLUDING TAP SADDLE, 1-1/4" SDR-11 HDPE, FITTINGS, & VALVES COMPLETE IN PLACE (SEE DETAILS, SHEET 4 OF 6)	EA.	2						
5	LONG SIDE SANITARY SEWER LOW PRESSURE SERVICE LINE FROM FORCE MAIN TO AND INCLUDING VALVE BOX AT PROPERTY LINE INCLUDING TAP SADDLE, 1-1/4" SDR-11 HDPE, FITTINGS, VALVES, & ROADWAY BORE COMPLETE IN PLACE (SEE DETAILS, SHEET 4 OF 6)	EA.	5						
						TOTAL			
	STATEMENT FOR SEPARATED CONTRACT COMPLIANCE:								
	NON-CONSUMABLE MATERIALS AND EQUIPMENT.....							\$	
	SKILLED LABOR, MATERIALS, EQUIPMENT AND TOOLS.....							\$	
						TOTAL			\$

## Summary of Work

CONTRACTOR shall furnish all labor, materials, equipment, insurance, payroll, taxes, permits and supervision to **Install twenty two (22) new Simplex Grinder Pump Units**. Work task includes but not limited to the following sanitary sewer improvement activities:

### 1. Install Simplex Grinder Pump Units (22 NEW)

Furnish and install **twenty two (22)** fully operational Grinder Pump Units per plans and specifications including but not limited to the following parts and accessories necessary for a complete functional grinder pump unit:

- 1) *One (1)* – Hydromatic HPG200M2-2
- 2) *Four (4)* – Stainless steel pump feet and bolts
- 3) *One (1)* – 24" X 60" fiberglass tank with solid lid, neoprene gasket and two inch (2") mushroom vent.
- 4) *One (1)* – Simplex control panel 230 volt 1 phase, with alarm light.
- 5) *Three (3)* – Float switches Conery 21813A302
- 6) *One (1)* – Simplex pipe kit consisting of the following:
  - a) 5' section of schedule 80 PVC 1 ¼"
  - b) PVC elbow 1 ¼".
  - c) PVC check valve TBCD style 1 ¼".
  - d) PVC union.1 ¼"
  - e) PVC ball valve 1 ¼".
  - f) 1 ¼" male adaptor.
  - g) 1 ¼" adapt-o-flex grommet. (for pump discharge)
  - h) 2" adapt-o-flex grommet. (for electrical conduit)
  - i) 4" adapt-o-flex grommet. (for incoming line)

Work task will also include 1 ¼" SDR-11 HDPE service line from grinder pump to valve box at the property line, connecting 4" gravity line from house plumbing to proposed grinder pump, and abandon existing septic tank.

Contractor is to excavate and install the 24" dia. x 60" deep fiberglass basin, install the grinder pump unit and grinder pump electrical. Contractor is to furnish and place four sacks of sackcrete on the retainer ring and backfill with select material to be provided by the contractor. Set the pump in the basin on existing slide rails, set control box, and 30 amp disconnect (**Contractor Provided**), all necessary electrical conduit, and connect to existing house electrical (contractor may be required to install a separate breaker box to accommodate new grinder pump along with any conduit, wiring and breakers) with a licensed Electrician, all in accordance with National and Local Electrical codes.

Work task will also include 1 ¼" SDR-11 HDPE service line from grinder pump to valve box at the property line, connecting 4" gravity line from house plumbing to proposed grinder pump, and abandon existing septic tank.

Contractor is to excavate and install the 24" dia. x 60" deep fiberglass basin, install the grinder pump unit and grinder pump electrical. Contractor is to furnish and place four sacks of sackcrete on the retainer ring and backfill with select material to be provided by the contractor. Set the pump in the basin on existing slide rails, set control box, and 30 amp disconnect (**Contractor Provided**), necessary electrical conduit and connect to house electrical with a licensed Electrician, all in accordance with National and Local Electrical codes.

**2. Abandon Existing Septic tanks as Identified**

Abandon existing septic tanks in place, including plugging all influent and effluent lines, vacuum out wastewater and sludge, hauling and disposal of the wastewater and sludge to an approved facility licensed to receive the waste (contractor will be required to furnish proof of this activity by disposal tickets prior to final payment), break down top and sides one foot (1') below natural ground, backfill and restore surface area to the original shape. Surplus excavated material from Grinder Pump installation, or 1 ¼ Grinder Pump service line may be used for this task.

**3. Residential Grinder Pump Sewage System (LPSS) and Service Lines**

Residential Grinder Pump Sewage System (LPSS) Service Lines location will be determined in the field between the contractor, and engineer. The following are the fifteen (15) addresses in the base bid:

10129 Lawhon	9819 Lawhon	9524 Lawhon
10262 Brooks Road	8643 Phillips Street	7139 Boyt Road
7257 Boyt Road	7446 Boyt Road	7538 Boyt Road
7779 Boyt Road	7948 Boyt Road	8909 MLK
10247 Brooks Road	4408 Denley	7099 Faith

CONTRACTOR shall furnish all labor, materials, equipment, insurance, payroll, taxes, permits and supervision to **Install Low Pressure Sewer Force Main**. Work task includes following sanitary sewer improvement activities:

**4. Installation of Low Pressure Sewer Force Main**

Install approximately **532 L.F. of 2", PVC SDR-26 Class 161** Sewer Force Mains including "Mega-Lug" joint restraints for all valves and fittings. Work task also includes hydrostatic testing of new force main per specifications.

Contractor shall install a detector tape in the same trench as a force main pipe and must be located above and parallel to the force main. The detector tape must bear the label **"PRESSURIZED WASTEWATER"** continuously repeated in at least 1.5 inch letters. Unit bid price for the force main installation shall include a detector tape. There will be no separate pay item for installing a detector tape.

**5. Service Lines (See No. 3 Above)**

Short side services consist of installing the 1 ¼" FM size Tap Saddle, (Premier), 1 ¼" SDR-11 HDPE, 1 ¼" shut off valve, 1 ¼" check valve and valve box at the property line per Plan Details (**See Detail "A" Sheet 4 of 6**).

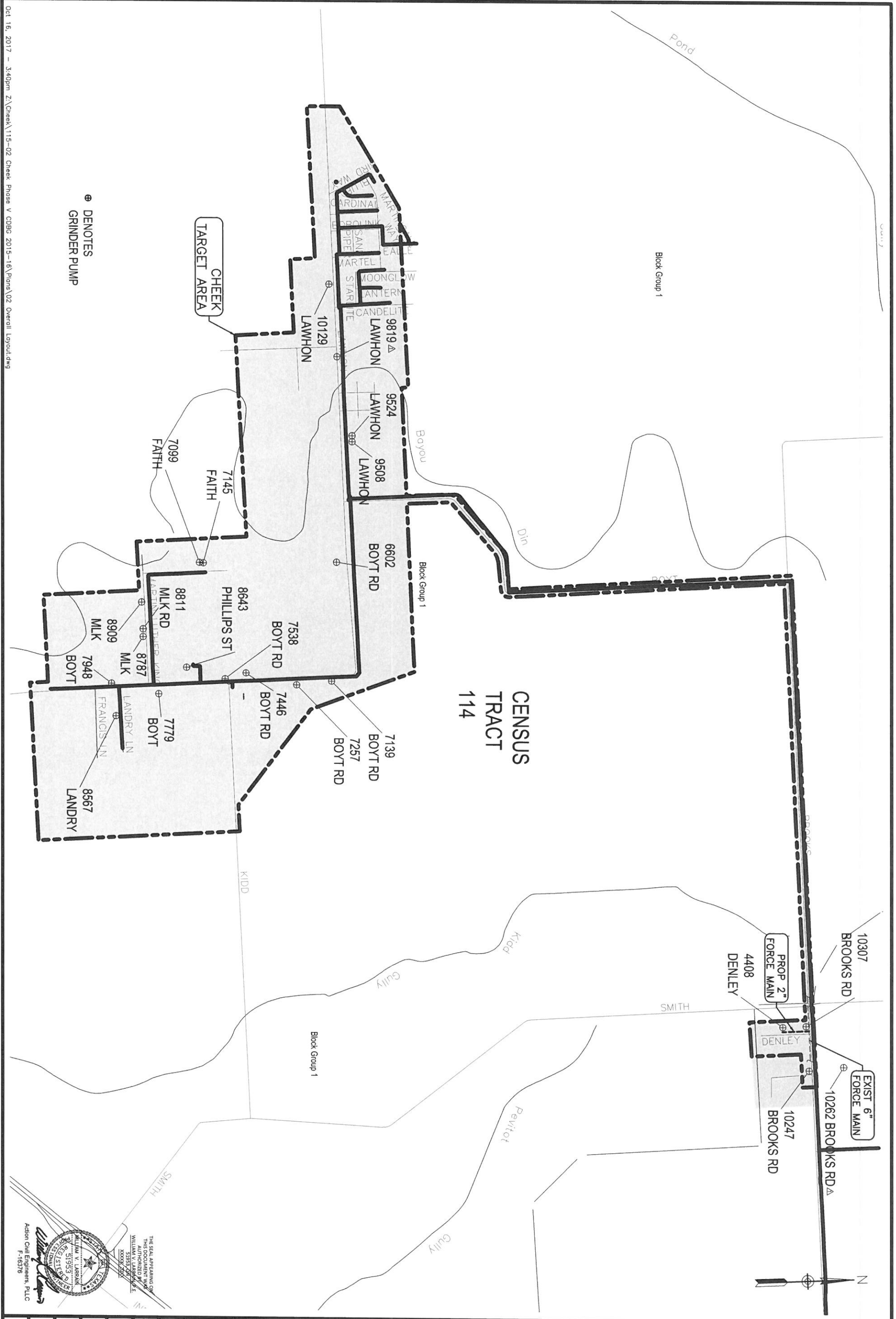
Long sides services will be as noted above but will also include a bore under the roadway. Roadway bore is to be included in price for Long Side Service. Contractor shall take care not to damage the road surface.



## 6. Alternate Bid Addition Additional Address

The following are the seven (7) addresses in the alternate base bid:

10307 Brooks Road	9508 Lawhon	8787 MLK
8811 MLK	8567 Landry	
7145 Faith	6602 Boyt Road	



⊕ DENOTES  
GRINDER PUMP

CHEEK  
TARGET AREA



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WILLIAM V. LARSEN  
REGISTERED PROFESSIONAL ENGINEER  
NO. 51953  
EXPIRES 12/31/2018

WILLIAM V. LARSEN, P.E.  
SCALE: AS SHOWN  
DRAWN BY: RJC  
CHECKED BY: WML  
SHEET: 2  
OF: 6

Action Civil Engineers, PLLC  
F-14376

<p><b>CHEEK COMMUNITY SEWER IMPROVEMENTS PROJECT</b>  <b>LOW PRESSURE SEWER SYSTEM - PHASE V</b>          JEFFERSON COUNTY, TEXAS</p>		 <p><b>ACTION CIVIL ENGINEERS, PLLC</b>          8460 CENTRAL MALL DR          SUITE J          PORT ARTHUR, TX 77642          PHONE (409) 983-6263          FAX (409) 983-6265          ace@accivilengineers.com</p>							
<p><b>OVERALL PROJECT LAYOUT</b></p> <p>REVISIONS</p> <table border="1"> <tr> <td>4</td> <td>.....</td> </tr> <tr> <td>3</td> <td>.....</td> </tr> <tr> <td>2</td> <td>10-16-17</td> </tr> <tr> <td>1</td> <td>9-18-17</td> </tr> </table> <p>DATE: FEB 2017</p> <p>JOB NUMBER: 115-02</p> <p>SCALE: NTS</p> <p>DRAWN BY: RJC</p> <p>CHECKED BY: WML</p> <p>SHEET: 2 OF 6</p>			4	.....	3	.....	2	10-16-17	1
4	.....								
3	.....								
2	10-16-17								
1	9-18-17								

**The information included herein is hereby incorporated into the documents of this present Bid matter and supersedes any conflicting documents or portion thereof previously issued.**

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Receipt of this Addendum is hereby acknowledged by the undersigned Bidder:

ATTEST:

\_\_\_\_\_  
Witness

\_\_\_\_\_  
Witness

Approved by \_\_\_\_\_ Date: \_\_\_\_\_

\_\_\_\_\_  
Authorized Signature (Bidder)

\_\_\_\_\_  
Title of Person Signing Above

\_\_\_\_\_  
Typed Name of Business or Individual

\_\_\_\_\_  
Address