

## THE COUNTY OF GALVESTON

RUFUS G. CROWDER, CPPO, CPPB  
PURCHASING AGENT

GWEN MCLAREN, CPPB  
ASST. PURCHASING AGENT

COUNTY COURTHOUSE  
722 Moody (21<sup>st</sup> Street)  
Fifth (5<sup>th</sup>) Floor  
GALVESTON, TEXAS 77550

November 14, 2019

**PROJECT NAME: Bacliff Villas Drainage Restoration**

**SOLICITATION NO: B201010**

**RE: ADDENDUM #1**

To All Prospective Bidders:

The following information is being provided to aid in preparation of your proposal submittal(s):

**Question #1:** *Is a sign-in sheet available from the pre-bid meeting that was held on November 5<sup>th</sup> at 10:00 a.m.?*

Response: The pre-bid meeting sign-in sheet is attached with this addendum.

**Question #2:** *If open cut construction is utilized, there will be a lot of extra work required including clearing, fence removal and replacement, temporary fencing, and restoration of the easement. How will this additional work be paid?*

Response: A separate pay item for each intersection and specification will be added in this addendum to compensate for removing and reinstalling any objects needed for open cutting the storm sewer. See attached Bid Proposal and Specification 02201 – SITE PREPARATION, GRADING, RESTORATION AND CLEAN UP.

**Question #3:** *Will there be a laydown/staging area for this project?*

Response: Yes, the laydown/staging area will be located at 1142 Bacliff Dr., Bacliff, TX 77518.

**Question #4:** *When installing the B-B inlet, how will the B-B inlet transition to existing conditions?*

Response: The top of the B-B inlet shall be at the same elevation as the adjacent top of curb. The contractor will transition at a constant slope behind the B-B inlet to existing grade.

**Question #5:** *If open cutting is needed between the houses, how will the contractor be compensated for removing and reinstalling the fences, sheds, Ac units, etc.?*

Response: See response to Question 2

**Question #6: *Are off-duty uniformed police officers required?***

Response: No; however, flaggers will be required to be certified by one of the providers shown on the attached pdf (TxDOT Special Provisions to Item 7, paragraph 2.6.5.1.2) or an approved equal. Also, see Note 5 on revised sheet 02 of 19 attached in this addendum.

**Question #7: *What pipe material will be required for the Additive Alternate No., 1, Item No. 1 (open cutting between residents)?***

Response: 20" CCFRPM Pipe will be required for the Additive Alternate No. 1, Item No. 1 (open cutting between residents).

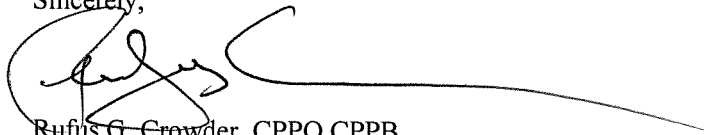
As a reminder, all questions regarding this proposal must be submitted in writing to:

Rufus G. Crowder, CPPO CPPB  
Galveston County Purchasing Agent  
722 Moody, Fifth (5<sup>th</sup>) Floor  
Galveston, Texas 77550  
E-mail: [purchasing.bids@co.galveston.tx.us](mailto:purchasing.bids@co.galveston.tx.us)

If you have any further questions regarding this proposal, please address them to Rufus Crowder, CPPO CPPB, Purchasing Agent, via e-mail at [purchasing.bids@co.galveston.tx.us](mailto:purchasing.bids@co.galveston.tx.us), or contact the Purchasing Department at (409) 770-5371.

Please excuse us for any inconvenience that this may have caused.

Sincerely,


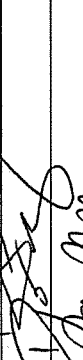

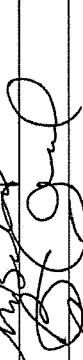


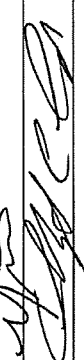



A handwritten signature in black ink, appearing to read 'Rufus', with a long horizontal flourish extending to the right.

Rufus G. Crowder, CPPO CPPB  
Purchasing Agent  
Galveston County

Bid #B201010  
 DATE: 11/05/2019  
 TIME: 10:00 A.M.

PRE-BID CONFERENCE  
 BACLIFF VILLAS DRAINAGE RESTORATION  
 GALVESTON COUNTY, TEXAS

Pre-bid Conference for Bid #B201010 will be held on Tuesday, November 5, 2019 at Galveston County Courthouse, Purchasing Department, 722 Moody, 5<sup>th</sup> Floor, Galveston, TX

PRINTED NAME	SIGNATURE	COMPANY NAME	E-MAIL ADDRESS	PHONE
Rufus Crowder		Galveston County	rufus.crowder@co.galveston.tx.us	409.770.5372
David Mital		Huitt-Zeckards	DIMITEL@HUITT-ZECKARDS.COM	281-496-0066
Joe Myers		Huitt-Zeckards	myers@Huitt.Zeckards.COM	281-496-0066 x10585
Chris Beanland		GB Road & Bridge	Christopher.Beanland@co.galveston.tx.us	409-682-3985
Brian Conrad		Conrad Const.	brianwconrad@hotmail.com	713-937-3081
Kirk Eager		HOBAS Pipe	Kerger@hobaspip.com	727-457-6888
MICHAEL SHANNON		GALVESTON COUNTY	Michael.Shannon@co.galveston.tx.us	409 770 5453
Jacob Stegner		Lucas Construction	Jstegner55@gmail.com	832-877-0915
Chris Ochs		KR Allen Const.	cc-ochs73@AOL.com	(601) 995-1783
Larry Allen		K R Allen Const	Larry@krallen.net	281 950-0678

**BID PROPOSAL**

ADDENDUM # 1

**BACLIFF VILLAS DRAINAGE RESTORATION**

**BASE BID**

ITEM NO.	SPEC. NO.	DESCRIPTION	UNIT	QUAN.	UNIT PRICE IN WORDS	UNIT PRICE	TOTAL PRICE
1	500	MOBILIZATION & DEMOBILIZATION	LS	1	_____		
					DOLLARS AND _____ CENTS		
2	530	DRIVEWAYS (CONCRETE), 6" DEPTH (COMPLETE IN PLACE)	SY	69	_____		
					DOLLARS AND _____ CENTS		
3	104	REMOVE CONCRETE (DRIVEWAYS), ALL DEPTHS	SY	69	_____		
					DOLLARS AND _____ CENTS		
4	104	REMOVE CONCRETE (PAVEMENT) INCLUDING CURBS AND GUTTERS, ALL DEPTHS	SY	500	_____		
					DOLLARS AND _____ CENTS		
5	N/A	MANDREL	EA	7	_____		
					DOLLARS AND _____ CENTS		
6	027260	20" CCFRPM PIPE (SLIPLINING) (COMPLETE IN PLACE)	LF	837	_____		
					DOLLARS AND _____ CENTS		
7	496	REMOVE STRUCTURE (PIPE), ALL SIZES	LF	529	_____		
					DOLLARS AND _____ CENTS		
8	496	REMOVE STRUCTURE (INLET)	EA	21.00	_____		
					DOLLARS AND _____ CENTS		
9	464	REINFORCED CONCRETE PIPE (ARCHED)(CLASS IV)(DESIGN 1) (13" X 22") (COMPLETE IN PLACE)	LF	173	_____		
					DOLLARS AND _____ CENTS		
10	464	REINFORCED CONCRETE PIPE (ARCHED)(CLASS IV)(DESIGN 3) (18" X 29")(COMPLETE IN PLACE)	LF	248	_____		
					DOLLARS AND _____ CENTS		
11	026310	HDPE PIPE, 24" (COMPLETE & IN PLACE)	LF	108	_____		
					DOLLARS AND _____ CENTS		
12	465	BB INLET (COMPLETE IN PLACE)	EA	21	_____		
					DOLLARS AND _____ CENTS		
13	496	REMOVE STRUCTURE (MANHOLE)	EA	7	_____		
					DOLLARS AND _____ CENTS		
14	465	MANHOLE (TYPE C) (PRE-CAST) (COMPLETE IN PLACE)	EA	7	_____		
					DOLLARS AND _____ CENTS		
15	465	MANHOLE(TYPE C)(CAST IN PLACE) (COMPLETE IN PLACE)	EA	1	_____		
					DOLLARS AND _____ CENTS		
16	530	INTERSECTION, DRIVEWAYS, & TURNOUT(CONCRETE) INCLUDING CURBS & GUTTERS, 6 INCH DEPTH	SY	500	_____		
					DOLLARS AND _____ CENTS		
17	502	TRAFFIC CONTROL TO INCLUDE BARRICADES, SIGNS & FLAGPERSONS	LS	1	_____		
					DOLLARS AND _____ CENTS		
<b>TOTAL BASE BID</b>							

**ADDITIVE ALTERNATE NO. 1**

ITEM NO.	SPEC. NO.	DESCRIPTION	UNIT	QUAN.	UNIT PRICE IN WORDS	UNIT PRICE	TOTAL PRICE
1	026310	CCFRPM PIPE, 24"OPEN CUT BETWEEN RESIDENTS WITH PROTECTION OF FOUNDATIONS (COMPLETE & IN PLACE)	LF	837	_____ DOLLARS AND _____ CENTS		
2	02201	REMOVING & REINSTALLING ANY OBJECTS NEEDED FOR OPEN CUTTING BETWEEN RESIDENTS AT THE INTERSECTION OF BIG REEF DR	EA	1	_____ DOLLARS AND _____ CENTS		
3	02201	REMOVING & REINSTALLING ANY OBJECTS NEEDED FOR OPEN CUTTING BETWEEN RESIDENTS AT THE INTERSECTION OF MOODY REEF DR	EA	1	_____ DOLLARS AND _____ CENTS		
4	02201	REMOVING & REINSTALLING ANY OBJECTS NEEDED FOR OPEN CUTTING BETWEEN RESIDENTS AT THE INTERSECTION OF CARANCHUA REEF DR	EA	1	_____ DOLLARS AND _____ CENTS		
5	02201	REMOVING & REINSTALLING ANY OBJECTS NEEDED FOR OPEN CUTTING BETWEEN RESIDENTS AT THE INTERSECTION OF DOLLARS REEF DR	EA	1	_____ DOLLARS AND _____ CENTS		
6	02201	REMOVING & REINSTALLING ANY OBJECTS NEEDED FOR OPEN CUTTING BETWEEN RESIDENTS AT THE INTERSECTION OF REDFISH REEF DR	EA	1	_____ DOLLARS AND _____ CENTS		
7	02201	REMOVING & REINSTALLING ANY OBJECTS NEEDED FOR OPEN CUTTING BETWEEN RESIDENTS AT THE INTERSECTION OF HANNAS REEF DR	EA	1	_____ DOLLARS AND _____ CENTS		
8	02201	REMOVING & REINSTALLING ANY OBJECTS NEEDED FOR OPEN CUTTING BETWEEN RESIDENTS AT THE INTERSECTION OF SCOTT REEF DR	EA	1	_____ DOLLARS AND _____ CENTS		
<b>TOTAL ADDITIVE ALTERNATE NO. 1</b>							

**BID PROPOSAL  
BACLIFF VILLAS DRAINAGE RESTORATION**

**BID SUMMARY**

TOTAL - BASE BID: \_\_\_\_\_

TOTAL BASE BID PLUS ALTERNATE NO. 1: \_\_\_\_\_

This Proposal consists of a Base Bid, and an additive alternate. For a bid to be considered responsive all sections must be completed. A combination of Base Bid with or without the Additive Alternate may be awarded for contract, however in no case will the additive alternate only be awarded. The award of the contract will be based on the combination considered to be in the best interest of Galveston County.

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SECTION 02201

SITE PREPARATION, GRADING, RESTORATION AND CLEAN UP

PART 1 - GENERAL

1.1 SECTION INCLUDES

This Section covers the clearing, grubbing, grading, final clean-up, fence removal and replacement, air conditioner unit removal and replacement, sheds removal and replacement, temporary fencing and restoration of the site in preparation for hydro mulch or sodding, and move out.

1.2 MEASUREMENT AND PAYMENT

This item will be measured by each as stated on the bid form.

1.3 REFERENCES

- A. Federal Seed Act Regulations (Department of Agriculture)

1.4 SUBMITTALS

- A. Submit product data in accordance with Section 01330 - Submittal Procedures.
- B. Submit seed to engineer for approval. Submit certification from supplier that each type of seed conforms to these specifications and the requirements of the Texas Seed Law. Certification shall accompany seed delivery.
- C. Submit a certificate stating that fertilizer complies with these specifications and the requirements of the Texas Fertilizer Law.

1.5 SEQUENCE OF WORK

- A. Restoration of each site shall be completed immediately after all work is completed and the storm sewer pipe is returned to service.
- B. After obtaining approval from the County Engineer of satisfactory site restoration, Contractor shall hydro mulch all areas disturbed during construction. The hydro mulch seeding requirements, together with other necessary related work, shall conform to the requirements of this Section.
- C. All fences, walks, driveways or other permanent facilities are to be completed in place before the finished hydro mulch is applied.

PART 2 - PRODUCTS

2.1 MATERIALS

- A. All seed must meet the requirements of U.S. Department of Agriculture Rules and Regulations as set forth in Federal Seed Act and Texas Seed Law. Type of seed, purity and germination requirements, date of application and planting dates are as follows:

Type	Application Rate	
	Pounds Per Acre	Planting Date
Hulled Common Bermuda Grass 98/88	40	January 1 to April 15
Unhulled Common Bermuda Grass 98/88	40	
Annual Rye Grass (Gulf)	50	
Hulled Common Bermuda 98/88	40	April 15 to Grass October 1
Unhulled Common Bermuda Grass 98/88	40	
Annual Rye Grass	40	

- B. Fertilizer:

Fertilizer shall be water soluble with analysis of 10% nitrogen, 20% phosphoric acid and 10% potash. Rate of application shall be 750 pounds per acre except during the period of April 15 through September 1, when the rate shall be reduced to 600 pounds per acre.

- C. Mulch:

Mulch shall be virgin wood cellulose fiber made from whole wood chips.

Within the fiber material at least 20% of the fibers will be 10.7 mm in length and 0.27 mm in diameter. Rate of application shall be 2000 pounds per acre. Soil stabilizers such as Terra type III, (or approved equal) shall be applied at a rate of 40 pounds per acre in the flatter portions of the disturbed areas.

PART 3 - EXECUTION

3.1 DESCRIPTION

- A. The work covered by this Section consists of furnishing all labor, materials, equipment, supplies, supervision, tools, fence removal and replacement, air conditioner unit removal and replacement, sheds removal and replacement, temporary fencing, and performing all work necessary for clearing and protection of facilities during construction and top soiling, finish grading, seeding, fertilizing, watering, maintenance, and clean-up of disturbed areas within the individual water plant areas at the completion of work, in accordance with these specifications and as shown on drawings.
- B. Fences shall be installed in the original location as shown on the plans. All damage to existing fencing occurring during construction activities shall be repaired or replaced at the Contractor's expense to a condition equal to or better than existing prior to such damage. Fencing relocated for the convenience of accommodating construction activities shall be returned to its original location at the completion of the work.
- C. Silt fencing and four (4) foot safety fencing is to be installed as indicated on the plans.
- D. All sites shall be restored to a condition equal to or better than that existing prior to construction activities. All holes and open excavations shall be filled and compacted to the density of the surrounding area. Level all washes, ruts, depressions, and mounds to provide a smooth finish with no large debris, dirt clods, or lumps of size that would interfere with the operation of a standard rotary lawnmower.

3.2 MAINTENANCE

The hydro mulch seeding shall be adequately watered until established . Any areas damaged by erosion or areas that do not have acceptable turfing shall be reapplied to the satisfaction of the Engineer.

END OF SECTION





## Special Provision to Item 7

### Legal Relations and Responsibilities



Item 7, "Legal Relations and Responsibilities," of the Standard Specifications is amended with respect to the clauses cited below. No other clauses or requirements of this Item are waived or changed.

#### Section 7.2.6.5, "Training," is supplemented by the following:

Coordinate enrollment, pay associated fees, and successfully complete Department-approved Training or Contractor-developed Training. Training is valid for the period prescribed by the provider. If no training period is prescribed by the provider, then training is valid for 3 yrs. from the date of completion. The Engineer may require training at a frequency in lieu of the period prescribed based on the Department's needs. Training and associated fees will not be measured or paid for directly but are considered subsidiary to pertinent Items.

**2.6.5.1. Department-approved Training.** Department-approved training is listed below. For Section 7.2.6.5.1.4., "Other Work Zone Personnel", the Contractor may use Contractor-developed Training in lieu of Department-approved Training.

#### 2.6.5.1.1 Contractor Responsible Person and Alternate.

Provider	Course Title
American Traffic Safety Services Association	Traffic Control Supervisor
National Highway Institute <sup>1</sup>	Design and Operation of Work Zone Traffic Control, Work Zone Traffic Control for Maintenance Operations
Texas Engineering Extension Service	Work Zone Traffic Control for CRPs
University of Texas Arlington, Division for Enterprise Development	Traffic Control Supervisor

1. Both classes are required in order to equal the level of training taught in a single class by other providers.

#### 2.6.5.1.2. Flagger Instructor Training.

Provider	Course Title
American Traffic Safety Services Association	Flagging Instructor Training
Texas Engineering Extension Service	Train-the-Trainer Flaggers
National Safety Council	Flagger Instructor Training
University of Texas at Arlington, Division for Enterprise Development	Certified Instructor: Qualified Flagger Training

**Flagger Training.**

Provider	Course Title
Texas Engineering Extension Service	Flaggers in the Work Zone
National Safety Council	Work Zone Flagger (Flagger Novice)
University of Texas Arlington, Division for Enterprise Development	Flaggers in Work Zones
University of Texas at Arlington, Division for Enterprise Development	Work Zone Traffic Control & Qualified Flagger
Associated Builders and Contractors, Austin Chapter	Flagger Training

**2.6.5.1.3. Law Enforcement Personnel.**

Provider	Course Title
National Highway Institute	Safe and Effective Use of Law Enforcement Personnel in Work Zones

**2.6.5.1.4. Other Work Zone Personnel.**

Provider	Course Title
American Traffic Safety Services Association	Traffic Control Technician
Texas Engineering Extension Service	Work Zone Traffic Control
National Highway Institute	Maintenance of Traffic for Technicians
National Highway Institute	Maintenance Training Series: Basics of Work Zone Traffic Control
University of Texas at Arlington, Division for Enterprise Development	Temporary Traffic Control

**2.6.5.2. Contractor-developed Training.** Develop and deliver Contractor-developed Training meeting the minimum requirements established by the Department. The outline for this training must be submitted to the Engineer for approval at the preconstruction meeting. The CRP or designated alternate may deliver the training in lieu of the Department-approved training. The work performed and materials furnished to develop and deliver the training will not be measured or paid for directly but will be considered subsidiary to pertinent items.

**2.6.5.2.1 Flagger Training Minimum Requirements.** A Contractor's certified flagging instructor is permitted to train other flaggers.

**2.6.5.2.2 Other Work Zone Personnel Minimum Requirements.** Contractor-developed Training must provide information on the use of personnel protection equipment, occupational hazards and health risks, and other pertinent topics related to traffic management. The type and amount of training will depend on the job duties and responsibilities. Develop training applicable to the work being performed. Develop training to include the following topics:

- The Life You Save May Be Your Own (or other similar company safety motto)
- Purpose of the Training
  - It's The Law

- To make work zones safer for workers and motorist
  - To understand what is needed for traffic control
  - To save lives including your own
- Personal and Co-Worker Safety
    - High Visibility Safety Apparel: Discuss compliant requirements; Inspect regularly for fading and reduced reflective properties; If night operations are required, discuss the additional and appropriate required apparel in addition to special night work risks; If moving operations are underway, discuss appropriate safety measures specific to the situation and traffic control plan.
    - Blind Areas: A blind area is the area around a vehicle or piece of construction equipment not visible to the operators, either by line of sight or indirectly by mirrors. Discuss the "Circle of Safety" around equipment and vehicles; Use of spotters; Maintain eye contact with equipment operators; Use of hand signals.
    - Runovers and Backovers: Remain alert at all times; Keep a safe distance from traffic; Avoid turning your back to traffic and if you must then use a spotter; Stay behind protective barriers, whenever possible. Note: It is not safe to sit on or lean against a concrete barrier, these barriers can deflect 4+ feet when struck by a vehicle.
    - Look out for each other, warn co-workers
    - Be courteous to motorists
    - Do not run across active roadways
    - Workers must obey traffic laws and drive courteously while operating vehicles in the work zones.
    - Workers must be made aware of company distracted driving policies
  - Night Time Operations: Focus should be placed on projects with a nighttime element.
  - Traffic Control Training: Basics of Traffic Control.
    - Identify Work Zone Traffic Control Supervisor and other appropriate persons to report issues to when they arise.
    - Work Zone Traffic Control Devices must be in clean and in undamaged condition. If devices have been hit but not damaged, put back in their correct place and report to traffic control supervisor. If devices have been damaged, replace with new one and report to traffic control supervisor. If devices are dirty, faded or have missing or damaged reflective tape clean or replace and report to traffic control supervisor. Show examples of non-acceptable device conditions. Discussion on various types of traffic control devices to be used and where spacing requirements can be found.
    - Channelizing Devices and Barricades with slanted stripes: Stripes are to slant in the direction you want traffic to stay or move to; Demonstrate this with a device.
    - Traffic Queuing: Workers must be made aware of traffic queuing and the dangers created by it. Workers must be instructed to immediately notify the traffic control supervisor and other supervisory personnel if traffic is queuing beyond advance warning sign and devices or construction limits.
    - Signs: Signs must be straight and not leaning. Report problems to the traffic control supervisor or other as designated for immediate repair. Covered signs must be fully covered. If covers are damaged or out of place, report to traffic control supervisor or other as designated.