

# MEMORANDUM

To: All Interested Bidders

Date: September 27, 2016

Subject: IFB16-27140V, Force Main 17A Replacement  
(Rebid of IFB16-0699DC)  
63<sup>rd</sup> Avenue West, Bradenton, FL (Project No. 404-6028385)  
**ADDENDUM #1**



**Bidders are hereby notified that this Addendum shall be acknowledged on page 00300-1 of the Bid Form and made a part of the above named bidding and contract documents. Bids submitted without Acknowledgement of the Addendum will be considered incomplete.**

The following items are issued to add to, modify, and clarify the bid and contract documents. These items shall have the same force and effect as the original bidding document, and cost involved shall be included in the bid prices. Bids to be submitted on the specified bid date, shall conform to the additions and revisions listed herein.

**The deadline to submit all inquiries concerning interpretation, clarification or additional information pertaining to this bid was September 16, 2016 at 5:00 pm.** This deadline has been established to maintain fair treatment for all potential bidders, while maintaining the expedited nature of the Economic Stimulus that the contracting of this work may achieve.

**Bidders Note 1: (Revise Bid Forms)**

Revised Bid Form "A" and "B", revised Bid Item Nos. 7, 9 and added Bid Item No. 17. (Bid Form Renumbered as required). **(4 total pages are made a part of Addendum #1).**

**Bidders Note 2: Revision to Specifications:**

Section 01150 Measurement and Payment, items 7, 9 and 17 have been revised. **(7 total pages are made a part of Addendum #1).**

**Bidders Note 3: (Reference Plans)**

**Sheet 1: Revised Vicinity Map and Project Description.**

Project Description shall read:

- Replace +/- 2,300 LF of dilapidated 6" Cast Iron Force Main with +/-1,530 LF of new 6" HDPE FM. Re-directing FM Discharge Point to a Gravity Manhole on 63<sup>rd</sup> Avenue West.
- Cap existing 6" FM, grout fill and abandon in place (+/-2,300 LF), Terminal Manhole located roughly 100 LF North of the Corner of 65<sup>th</sup> Avenue West and 12<sup>th</sup> Street W.
- Rehabilitate 4 Manholes. 3 with Spray Liner Applications and 1 without Spray Liner.

**Sheets 3 thru 6:** Revised HDD force main call-outs to require PE4710 DR-11 pipe material.

Financial Management  
Purchasing Division  
1112 Manatee Ave W Suite 803, Bradenton, FL 34205  
Phone number: (941)749-3014

September 27, 2016

IFB16-27140V, Force Main 17A Replacement

**ADDENDUM #1** Page 2 of 3

**Sheet 9:** Revised existing terminal force main manhole call-out to indicate manhole to be rehabilitated without a spray liner. **(6 total pages of the signed and sealed plans are made a part of Addendum #1).**

**Bidders Note 4: Replies to questions received at the Information Conference held on September 7, 2016 and received via email through September 16, 2016**

**Question 1:** Reference Specifications Section "B", SCOPE OF WORK, par. B.01, last sentence, this sentence tell us there will be four (4) manholes to be rehabilitated, this contradicts bid form item seven (7) that indicates only three (3) manholes are to be rehabilitated. If four (4) manholes are to be rehabilitated, then the bid quantity needs to be reviewed. Please clarify.

**Response 1:** Bid Item 7 has been revised.

**Question 2:** Reference bid form, bid item nine (9), the last time this job was bid the type of HDPE pipe was DR-11, now it is DR-9, why?

**Response 2:** With the addition of an ARV, air scouring is not as much of a concern. Therefore, PE4710 DR-11 shall be used. Bid item 9 description has been revised.

**Question 3:** Reference specifications Section 01150, MEASUREMENT AND PAYMENT, page 33, Bid Item No. 11, Precast Concrete Manhole, third paragraph, "liner as required", "protective coatings", does the County want both the epoxy coating as shown in detail US-10 on plan sheet 07 as well as the same type coating specified in Section 02627, SANITARY SEWER MANHOLE REHABILITATION, of the specifications? This seems futile as the epoxy coating will have to be sand blasted off prior to installing the liner product. Please advise.

**Response 3:** No. As indicated on Detail US-10, two interior coats of epoxy (min. 10 mils dry film thickness) is all that is required for the below grade ARV manhole (s). The three (3) manholes in the gravity sewer system (the MH receiving the redirected force main discharge and the next two (2) downstream) shall be rehabilitated and spray lined with spray liner listed in Section 09970, par. 2.02, MATERIALS, (A, Approved materials) with a minimum dry film thickness from 125-150 mils thick or as recommended by the manufacturer, whichever is more stringent.

September 27, 2016

IFB16-27140V, Force Main 17A Replacement

**ADDENDUM #1** Page 3 of 3

**Question 4:** Reference specifications Section 09970, SURFACE PROTECTION SPRAY SYSTEM, page 180/185, par. 1.06, GUARANTEE, what will the County require from the Contractor as a guarantee for this five (5) year warranty, an additional two (2) year warranty bond? The County will have a three (3) year warranty with the Contractor and this paragraph is asking for five (5) year warranty. Please clarify.

**Response 4:** The Subcontractor performing the surfacing work shall be fully qualified, experienced and equipped to complete the surfacing work expeditiously and in a satisfactory manner. All surfacing work performed shall be guaranteed by the Subcontractor for a period of five years from the date of acceptance.

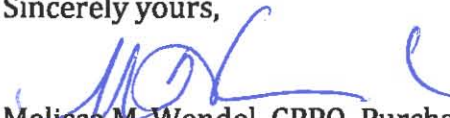
During this period, all defects discovered in the surfacing, as determined by the County, shall be repaired or replaced in a satisfactory manner at no cost to the County, this shall include, but is not limited to, all work and costs associated with the shutdown of any pump stations and all bypass operations needed for the proper repairs to be made.

Pursuant to the Standard Form of Construction Agreement, Article FF, Contractor's Warranty, item (2), the Contractor shall secure guarantees and warranties of Subcontractors, and deliver same to the Owner in a manner that will facilitate their maximum enforcement and assure their meaningful implementation. The Contractor shall collect and deliver to the Owner any specific written guaranties or warranties given by others as required by subcontracts.

If you have submitted a bid prior to receiving this addendum, you may request in writing that your original sealed bid be returned to your firm. All sealed bids received will be opened on the date stated.

Bids will be received at the Manatee County Purchasing Division, 1112 Manatee Avenue West, Suite 803, Bradenton, FL 34205 **October 5, 2016 at 3:00 PM.**

Sincerely yours,



Melissa M. Wendel, CPPO, Purchasing Official  
Manatee County Purchasing Division

Ov

Att.

Bid Forms "A" and "B", 4 total pages attached via pdf

Section 01150, Measurement and Payment, 7 total pages attached via pdf

Revised Plan Set, 6 total pages attached via pdf

**BID FORM**

IFB 16-2714OV

**(Submit in Duplicate)****IFB 16-2714OV (BID "A") (ADDENDUM #1)****63rd Avenue West /SECTION / TWNSHP / RANGE: 23/35/17****FORCE MAIN 17A REPLACEMENT (Rebid of IFB 16-0699DC)****BID "A" Based on Completion time of 120 Calendar Days (Project No.404-6028385)**

ITEM #	DESCRIPTION	U/M	QTY.	BID PRICE PER UNIT	TOTAL BID PRICE
1	Curb Replacement	LF	20	\$	\$
2	Traffic Separator Replacement Concrete	LF	120	\$	\$
3	Pavement Repair & Road Restoration (Base, Mill & Resurface)	SY	234	\$	\$
4	Pavement Repair & Road Restoration (Mill & Resurface)	SY	1,078	\$	\$
5	Sodding, Bahia	SY	36	\$	\$
6	Grout Fill Abandoned 6" Force Main	CY	17	\$	\$
*7	Rehabilitate Ex. Manhole, 4' dia., (3MH total), including liner (Addendum #1)	VF	30	\$	\$
8	6" PVC (C900) DR-18	LF	100	\$	\$
*9	6" HDPE - (PE4710 DR-11) (Addendum #1)	LF	1,441	\$	\$
10	Connect to Exist. MH, inside drop	EA	1	\$	\$
11	Manhole, Precast, 5' dia, lined	VF	6	\$	\$
12	Fitting, DI	LB	192	\$	\$
13	6" Gate Valve, MJ	EA	1	\$	\$
14	Air Release Valve, Below Ground - 2"	EA	1	\$	\$

**Page 2****IFB 16-2714OV****Force Main 17A Replacement****Bid "A" 120 Calendar****Days****Addendum #1**

Bidder: \_\_\_\_\_

Authorized Signature: \_\_\_\_\_

**BID FORM**

IFB 16-2714OV

**(Submit in Duplicate)****IFB 16-2714OV (BID "A") (ADDENDUM #1)****63rd Avenue West /SECTION / TWNSHP / RANGE: 23/35/17****FORCE MAIN 17A REPLACEMENT (Rebid of IFB 16-0699DC)****BID "A" Based on Completion time of 120 Calendar Days (Project No.404-6028385)**

ITEM #	DESCRIPTION	U/M	QTY.	BID PRICE PER UNIT	TOTAL BID PRICE
15	Maintenance of Traffic	LS	1	\$	\$
16	Erosion Control	LS	1	\$	\$
*17	Rehabilitate Ex. Manhole 4' dia. (1 MH total), w/o liner (Addendum #1)	VF	6	\$	\$
18	Mobilization	LS	1	\$	\$
19	Miscellaneous Work & Clean Up	LS	1	\$	\$
20	Record Drawings	LS	1	\$	\$
	<b>TOTAL BASE BID (ITEMS 1 - 20)</b>				\$
	<b>CONTINGENCY (10% OF ITEMS 1 - 20) (Used only with County Approval)</b>				\$
	<b>TOTAL OFFER BID "A"- Based On Completion Time of 120 Calendar Days (Addendum #1)</b>				\$

Page 3

IFB 16-2714OV

Force Main 17A Replacement

Bid "A" 120 Calendar

Days

Addendum #1

Bidder: \_\_\_\_\_

Authorized Signature: \_\_\_\_\_



**BID FORM**  
**(Submit in Duplicate)**

IFB 16-2714OV

**IFB 16-2714OV (BID "B") (ADDENDUM #1)**

**63rd Avenue West /SECTION / TWNSHP / RANGE: 23/35/17**

**FORCE MAIN 17A REPLACEMENT (Rebid of IFB 16-0699DC)**

**BID "B" Based on Completion time of 210 Calendar Days (Project No.404-6028385)**

ITEM #	DESCRIPTION	U/M	QTY.	BID PRICE PER UNIT	TOTAL BID PRICE
1	Curb Replacement	LF	20	\$	\$
2	Traffic Separator Replacement Concrete	LF	120	\$	\$
3	Pavement Repair & Road Restoration (Base, Mill & Resurface)	SY	234	\$	\$
4	Pavement Repair & Road Restoration (Mill & Resurface)	SY	1,078	\$	\$
5	Sodding, Bahia	SY	36	\$	\$
6	Grout Fill Abandoned 6" Force Main	CY	17	\$	\$
*7	Rehabilitate Ex. Manhole, 4' dia., (3MH total), including liner (Addendum #1)	VF	30	\$	\$
8	6" PVC (C900) DR-18	LF	100	\$	\$
*9	6" HDPE- (PE4710 DR-11) (Addendum #1)	LF	1,441	\$	\$
10	Connect to Exist. MH, inside drop	EA	1	\$	\$
11	Manhole, Precast, 5' dia, lined	VF	6	\$	\$
12	Fitting, DI	LB	192	\$	\$
13	6" Gate Valve, MJ	EA	1	\$	\$
14	Air Release Valve, Below Ground - 2"	EA	1	\$	\$

**Page 4**

**IFB 16-2714OV**

**Force Main 17A Replacement**

**Bid "B" 210 Calendar**

**Days**

**Addendum #1**

Bidder: \_\_\_\_\_

Authorized Signature: \_\_\_\_\_

**BID FORM**  
**(Submit in Duplicate)**

IFB 16-2714OV

**IFB 16-2714OV (BID "B") (ADDENDUM #1)**

**63rd Avenue West /SECTION / TWNShp / RANGE: 23/35/17**

**FORCE MAIN 17A REPLACEMENT (Rebid of IFB 16-0699DC)**

**BID "B" Based on Completion time of 210 Calendar Days (Project No.404-6028385)**

ITEM #	DESCRIPTION	U/M	QTY.	BID PRICE PER UNIT	TOTAL BID PRICE
15	Maintenance of Traffic	LS	1	\$	\$
16	Erosion Control	LS	1	\$	\$
*17	Rehabilitate Ex. Manhole 4' dia. (1 MH total), w/o liner (Addendum #1)	VF	6	\$	\$
18	Mobilization	LS	1	\$	\$
19	Miscellaneous Work & Clean Up	LS	1	\$	\$
20	Record Drawings	LS	1	\$	\$
	<b>TOTAL BASE BID (ITEMS 1 - 20)</b>				\$
	<b>CONTINGENCY (10% OF ITEMS 1 - 19) (Used only with County Approval)</b>				\$
	<b>TOTAL OFFER BID "B"- Based On Completion Time of 210 Calendar Days</b>				\$

Bidder: \_\_\_\_\_

Authorized Signature: \_\_\_\_\_

Page 5  
IFB 16-2714OV  
Force Main 17A Replacement  
Bid "B" 210 Calendar  
Days  
Addendum #1

## SECTION 01150 MEASUREMENT AND PAYMENT

### PART 1 GENERAL

#### 1.01 SCOPE

- A. The scope of this section of the Contract Documents is to further define the items included in each Bid Item in the Bid Form section of the Contract Documents. Payment will be made based on the specified items included in the description in this section for each bid item.
- B. All contract prices included in the Bid Form section will be full compensation for all shop drawings, working drawings, labor, materials, tools, equipment and incidentals necessary to complete the construction as shown on the Drawings and/or as specified in the Contract Documents to be performed under this Contract. Actual quantities of each item bid on a unit price basis will be determined upon completion of the construction in the manner set up for each item in this section of the Specifications. Payment for all items listed in the Bid Form will constitute full compensation for all work shown and/or specified to be performed under this Contract.

#### 1.02 ESTIMATED QUANTITIES

The quantities shown are approximate and are given only as a basis of calculation upon which the award of the Contract is to be made. The County does not assume any responsibility for the final quantities, nor shall the Contractor claim misunderstanding because of such estimate of quantities. Final payment will be made only for satisfactorily completed quantity of each item.

#### 1.03 WORK OUTSIDE AUTHORIZED LIMITS

No payment will be made for work constructed outside the authorized limits of work.

#### 1.04 MEASUREMENT STANDARDS

Unless otherwise specified for the particular items involved, all measurements of distance shall be taken horizontally or vertically.

#### 1.05 AREA MEASUREMENTS

In the measurement of items to be paid for on the basis of area of finished work, the lengths and/or widths to be used in the calculations shall be the final dimensions measured along the surface of the completed work within the neat lines shown or designated.

#### 1.06 LUMP SUM ITEMS

Where payment for items is shown to be paid for on a lump sum basis, no separate payment will be made for any item of work required to complete the lump sum items. Lump sum contracts shall be complete, tested and fully operable prior to request for final payment. Contractor may be required to provide a break-down of the lump sum totals.

#### 1.07 UNIT PRICE ITEM

Separate payment will be made for the items of work described herein and listed on the Bid Form. Any related work not specifically listed, but required for satisfactory completion of the



work shall be considered to be included in the scope of the appropriate listed work items.

No separate payment will be made for the following items and the cost of such work shall be included in the applicable pay items of work. Final payments shall not be requested by the Contractor or made by the County until as-built (record) drawings have been submitted and approved by the County.

1. Shop Drawings, Working Drawings.
2. Clearing, grubbing and grading except as hereinafter specified.
3. Trench excavation, including necessary pavement removal and rock removal, except as otherwise specified.
4. Dewatering and disposal of surplus water.
5. Structural fill, backfill, and grading.
6. Replacement of unpaved roadways, and shrubbery plots.
7. Foundation and borrow materials, except as hereinafter specified.
8. Testing and placing system in operation.
9. Any material and equipment required to be installed and utilized for the tests.
10. Pipe, structures, pavement replacement, asphalt and shell driveways and/or appurtenances included within the limits of lump sum work, unless otherwise shown.
11. Maintaining the existing quality of service during construction.
12. Appurtenant work as required for a complete and operable system.
13. Seeding and hydromulching.

#### **BID ITEM NO. 1: CURB REPLACEMENT**

Measurement shall be per linear feet of curb replacement.

Payment will be for the actual linear feet of curbing furnished, installed and accepted. Curb replacement shall match the existing curb and shall be constructed in accordance with the latest FDOT Specifications, Section 520, and the latest Manatee County Transportation Department Highway and Drainage Standards. Payment shall represent full compensation for all labor, material and equipment required for the curb replacement.

The unit bid price shall include, but is not limited to, removal, proper disposal, compaction, forming, reinforcement, furnishing, placing the concrete, finishing as specified and all incidentals necessary to complete these bid items, ready for approval and acceptance by the County.

#### **BID ITEM NO. 2: TRAFFIC SEPARATOR REPLACEMENT**

Measurement and Payment will be for the actual linear feet of concrete traffic separator furnished, installed and accepted. Traffic separator replacement shall match the existing traffic separator and shall be constructed in accordance with the latest FDOT Specifications, Section 302, and the latest Manatee County Transportation Department Highway and Drainage Standards. Payment shall represent full compensation for all labor, material and equipment required for the traffic separator replacement.

The unit bid price shall include, but is not limited to, removal, proper disposal, compaction, forming, reinforcement, furnishing, placing the concrete, finishing as specified and all incidentals necessary to complete these bid items, ready for approval and acceptance by the County.

### **BID ITEM NOS. 3 AND 4: ASPHALT PAVEMENT RESTORATION**

Measurement and Payment shall be per square yards of asphalt pavement restoration furnished, installed and accepted.

Payment will include complete restoration of the roadway section in accordance with the latest Manatee County Transportation Department Highway and Drainage Standards and FDOT Specifications for Road and Bridge Construction.

The unit bid price shall include, but is not limited to, all required items, including base, subbase, milling, asphalt overlay, prime and tack coats, labor, materials and equipment, testing and incidentals necessary to complete these bid items, ready for approval and acceptance by the County. Also included in the bid item is the replacement of all existing roadway striping that was removed as part of the installation and completion of this project. Striping material shall match existing in all aspects.

### **BID ITEM NO. 5: SODDING, BAHIA**

Measurement and Payment shall be per square yards of sod furnished, installed and accepted.

The unit bid price shall include, but is not limited to, all labor, materials, necessary equipment, and incidentals necessary to complete this bid item, ready for approval and acceptance by the County.

### **BID ITEM NO. 6: GROUT FILL ABANDONED PIPE (FLOWABLE FILL)**

Measurement and Payment shall be per cubic yard of grout fill furnished, installed and accepted in any size of pipe, abandoned and left in place.

The unit bid price shall include, but is not limited to, capping, cleaning, labor, materials, sludge removal and disposal, equipment for mixing and placing the grout and all incidentals necessary to complete this bid item, ready for approval and acceptance by the County.

### **BID ITEM NO. 7 AND 17: REHABILITATE EX. MANHOLES**

Measurement shall be per vertical foot of manhole rehabilitated.

Payment will be according to the total vertical foot of the structure rehabilitated and, as indicated by the Contract Drawings, lined with an approved spray liner product (as required, note plans).

The unit bid price shall include, but is not limited to, removal of existing liner system; pressure washing, eliminating all infiltration, grout; concrete surface repair, concrete surface preparation as recommended by the product's manufacturer; new spray liner; spoil removal and disposal; all materials and incidentals necessary to complete these bid items, ready for approval and acceptance by the County.

### **BID ITEM NOS. 8 AND 9: PIPE**

Measurement for the quantity of pipe to be paid for under these Bid Items shall be the length in linear feet of pipe measured along the centerline of pipe through valves, fittings and manholes, in place, completed and accepted. Installation shall be by open-cut or directional drill.

Payment will be according to the type of pipe installed (PVC, ductile iron or HDPE), and diameter of pipe as listed on the Bid Form.

The unit bid price shall include, but is not limited to, furnishing and installing all pipe; HDPE MJ adapters, joint restraints, by-pass pumping, vacuum/haul trucks, temporary blow-offs for disinfecting pipe; and materials above or below ground along pipeline alignment; joints and jointing materials; field layout; bracing, shoring and sheeting; excavation, including rock; dewatering, clearing, grubbing, stripping, and trenching, including exploratory excavation; detectable tape; (2)-detector wire; bedding, backfill and compaction; chlorinating; constructing the specified protection and adjusting of existing aboveground and underground utilities and service connections; polyethylene encasement; butt fusion welds; drilling fluid disposal; thrust blocking; disposal of spoil; hydrostatic testing; labor, equipment and materials required and all other related and necessary items required to complete these bid items, ready for approval and acceptance by the County.

No additional compensation shall be made for excavation below the bottom of the pipe, for rock removal or bedding and backfill material, or for repair of any trench settlement.

#### **BID ITEM NO. 10: CONNECT TO EXISTING MANHOLE, INSIDE DROP**

Measurement and Payment shall be per each manhole connection with inside drop.

The unit bid price shall include, but is not limited to, excavation, including rock excavation, boot, adapters, seals, plugs, grout, inside drop, backfill, compaction, testing; labor, equipment, material and all other items necessary to complete these bid items, ready for approval and acceptance by the County.

#### **BID ITEM NO. 11: PRECAST CONCRETE MANHOLE**

Measurement shall be per vertical foot of manhole, measured from the top of the proposed rim elevation to the manhole invert, with a liner, furnished, installed and accepted.

Payment will be according to the inside diameter of the manhole and the height, measured by vertical foot as listed on the Bid Form.

The unit bid price shall include, but is not limited to, dewatering, excavation, including rock excavation, backfill, compaction, sheeting, removal of unsuitable material, furnishing and installing frame and cover, liner as required, invert construction, protective coatings, sealing of lift holes, 316 S.S. rainwater protector, seals, testing and any and all other items necessary to complete these bid items, ready for approval and acceptance by the County.

#### **BID ITEM NO. 12: FITTINGS, DUCTILE IRON**

Measurement shall be per weight in pounds for Ductile Iron fittings. The quantity to be paid for under this item is the weight in pounds of fittings as denoted in the manufacturer's catalogues.

Payment will be according to the weight and the type of each fitting as listed on the Bid Form.

The unit bid price shall include, but is not limited to, furnishing and installing tees, crosses, bends, sleeves, plugs, caps, reducers, increasers, couplings; all fittings and materials above or below ground along the pipeline alignment; restraints, and jointing materials; bolts, nuts, washers, gaskets, coating, lining, excavation, including rock; joint restraints; thrust blocking;

bracing, shoring, and sheeting; dewatering, clearing, grubbing, and stripping; trenching, bedding and backfill; constructing the specified protection and adjusting of existing aboveground and underground utilities and service connections; disposal of spoil; hydrostatic testing; and all other related and necessary materials, labor and equipment required to complete these bid items, ready for approval and acceptance by the County.

#### **BID ITEM NO. 13: VALVES**

Measurement and Payment shall be per each valve, furnished and installed according to the size and type of valve, as listed on the Bid Form.

The unit bid price shall include, but is not limited to, valves, valve boxes and covers, joint restraints; concrete pad, identification disc, extension stems, cutting, adapters, gaskets, jointing materials, connectors, pipe sleeves, detector wire, excavation, including rock, backfill, dewatering, sheeting, shoring, and any other related and necessary materials, labor and equipment required to complete these bid items, ready for approval and acceptance by the County.

#### **BID ITEM NO. 14: AIR RELEASE VALVE, BELOW-GROUND**

Measurement shall be per each air release valve furnished and installed.

Payment will be according to the size and type of the air release valve, as listed on the Bid Form.

The unit bid price shall include, but is not limited to, dewatering, excavation, including rock excavation, valve inclusive of tapping saddle, shutoff valve and nipples, concrete pad, bedding, backfill, compaction, testing, and any other related and necessary materials, labor, and equipment required to complete these bid items, ready for approval and acceptance by the County. Manhole shall be paid under Bid Item 11.

#### **BID ITEM NO. 15: MAINTENANCE OF TRAFFIC**

Payment for all work included in this Bid Item will be made at the applicable Contract lump sum price bid for preparing and implementing all traffic control plans required by the County, including supply of all traffic control devices, signs, flagmen, barricades, detours, temporary signal re-timing, temporary striping, traffic barriers for directional drilling and/or jack & bore excavation, and other measures. The contractor shall have a MOT Plan prepared by an individual certified to prepare a MOT Plan in the state of Florida that meets or exceeds the requirements of the FDOT Series 600 and/or MUTCD. Any deviations must be signed and sealed by a Professional Engineer registered in the State of Florida and submitted to the County for approval. The MOT plan shall be submitted to the County for review and approval at least thirty (30) days prior to implementation. Payment shall represent full compensation for all labor, materials and equipment for all incidentals necessary for completion of this Bid Item, ready for approval and acceptance by the County.

#### **BID ITEM NO. 16: EROSION CONTROL**

Payment for all work included in these Bid Items will be made at the applicable Contract lump sum price bid for preparing an Erosion and Control Plan, furnishing and installing erosion control facilities as required by county and state regulations. Payment shall represent full compensation for all permits, labor, materials, necessary equipment, and incidentals necessary to complete the work.

#### **BID ITEM NO. 18: MOBILIZATION**

Measurement and payment for this Bid Item shall include full compensation for the required 100 percent (100%) Performance Bond, 100 Percent (100%) Payment Bond, all required insurance for the project and the Contractor's mobilization and demobilization costs as shown in the Bid Form. Mobilization includes, but it not limited to: preparation and movement of personnel, equipment, supplies and incidentals such as safety and sanitary supplies/ facilities

Payment for mobilization shall not exceed 10 percent (10%) of the total Contract cost unless the Contractor can prove to the County that his actual mobilization cost exceeds 10 percent (10%).

Partial payments for this Bid Item will be made in accordance with the following schedule:

Percent of Original Contract Amount:	Percent Allowable Payment of Mobilization/Demobilization Bid Item Price:
5	25
10	35
25	45
50	50
75	75
100	100

These payments will be subject to the standard retainage provided in the Contract. Payment of the retainage will be made after completion of the work and demobilization.

#### **BID ITEM NO. 19: MISCELLANEOUS WORK AND CLEANUP**

Payment for all work included under this Bid Item shall be made at the Contract lump sum price bid listed in the Bid Form. Partial payments will be based on the breakdown of the Bid Item in accordance with the Schedule of Values submitted by the Contractor and approved by the County. Payment shall also include, but not limited to, full compensation for project photographs, project signs, rubbish and spoil removal, repair, replacement or relocation of all signs, walls, private irrigation systems and related items and any and all other items required to complete the project in accordance with Contract Documents.

#### **BID ITEM NO. 20: RECORD DRAWINGS**

Payment for all work included under this Bid Item shall be made at the Contract lump sum price bid listed in the Bid Form and shall represent full compensation for all labor, materials and equipment required to generate and provide record drawings approved by the County. Record drawings shall be in strict accordance with Section 1.14 of the Manatee County Public Works Standards, Part I Utilities Standards Manual approved June 2015.

#### **BID ITEM NO. 21: CONTRACT CONTINGENCY**

Payment for all work under this Bid Item shall be made only at the County's discretion. This Bid Item shall not exceed 10% of the Bidders Total Base Bid. The Bidder shall calculate and enter a dollar amount for this Bid Item.



**PART 2      PRODUCTS (NOT USED)**

**PART 3      EXECUTION (NOT USED)**

**END OF SECTION**