



Financial Management Department
Purchasing Division
1112 Manatee Ave W Suite 803
Bradenton, FL 34205
Phone: (941) 749-3074
www.mymanatee.org

Email

March 9, 2016

TO: All Interested Bidders

SUBJECT: Invitation for Bid #16-1225DC
Master Lift Station (MLS) 12A Wetwell Rehabilitation
ADDENDUM #1

Bidders are hereby notified that this Addendum shall be acknowledged on the Bid Form and made a part of the above named bidding and contract documents.

1. Engineer's construction cost estimate is \$672,821 as of March 7, 2016.
2. Sign in sheet for Information Conference is attached.
3. **Question:** Where is the next downstream force main valve located?

Response: the next downstream inline valve is in the vicinity of 34" Street West and 60th Avenue West. A line stop was performed in the past at the intersection of American Way and Bay Drive. A line stop may be utilized and is included on the Bid Form as Item 27, Line Stop.

4. **Question:** What is the available storage time in the master lift station (MLS)?

Response: Approximately two to three hours can be estimated for storage in the MLS at night during the low flow period of the MLS. Approximately five to six hours can be made available if work is done at night during the low flow period and one or two vacuum/haul trucks are made available by the contractor. Around 6:00 A.M., the flows start to increase.

5. **Question:** Is a by-pass system for the proposed meter vault proposed?

Response: No. A mega flange coupling adapter shall be utilized on the upstream side of the meter.

6. Bid Form pages 2 and 3 have been revised to correspond with the work specified. (reference items 8, 9, 10, 14, 15, 16, 17, 20, 21, 22, and 26)
7. Specification, Measure and Payment Section 01150, is revised to correspond with the work specified.

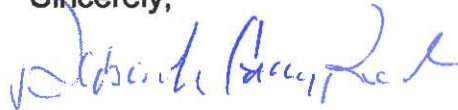
March 9, 2016


8. Index of the plan sheet shows #1 through #6 plan sheet and is revised to show #1 to #4.
9. Specification Section 02720, 2.01.A.1: Because this is a master lift station with established metered flows and the by-pass system will be 24-hour monitored, pumps that meet 100% of the true peak flow and TDH is acceptable. All other requirements shall remain. This exception shall be reviewed and approved on a case-by-case basis.

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 Manatee County Purchasing, 1112 Manatee Avenue West, Suite 803, Bradenton, Florida 34205 until **March 16, 2016 at 3:30 P.M.**

Sincerely,



 Melissa M. Wendel, CPPO
Purchasing Official

/dcr

Attachments: Information Conference Sign-in Sheet
Bid Form
Specification Section 01150
Index Plan Sheet

[illegible]

BID FORM
(Submit In Triplicate)

IFB 16-1225DC

MLS 12A WETWELL REHABILITATION

COMPLETION TIME OF 150 CALENDAR DAYS

	DESCRIPTION	TOTAL QTY.	UNITS	BID PRICE PER UNIT (\$)	TOTAL BID PRICE (\$)
1.	By-pass Pumping & 24-hr Monitoring	1	LS		\$ _____
2.	Wetwell Cleaning	1	LS		\$ _____
3.	Demolition	1	LS		\$ _____
4.	Concrete Repair	1,450	SF	\$ _____	\$ _____
5.	Stop Gate Assembly	2	EA	\$ _____	\$ _____
6.	Guardrail Safety System, fiberglass	1	LS		\$ _____
7.	Spray Liner	1	LS		\$ _____
8.	Explosion Proof Light Fixtures, LED	4	EA	\$ _____	\$ _____
9.	Fiberglass Deck Grating	50	SF	\$ _____	\$ _____
10.	Fiberglass Grating Embedded Angle and Supports	65	LF	\$ _____	\$ _____
11.	Replace Bar Screen	1	EA	\$ _____	\$ _____
12.	Access Hatch, aluminum & 316 S.S. hardware, etc, gas tight	2	EA	\$ _____	\$ _____
13.	Flow Meter, 18" Mag Meter (AB FEW325.450)	1	EA	\$ _____	\$ _____
14.	Meter Vault	1	EA	\$ _____	\$ _____
15.	External Lighting, LED	4	EA	\$ _____	\$ _____
16.	12" Gate Valve	1	EA	\$ _____	\$ _____
17.	18" Gate Valve	2	EA	\$ _____	\$ _____
18.	12" DI Pipe	10	LF	\$ _____	\$ _____
19.	18" DI Pipe	20	LF	\$ _____	\$ _____
20.	20" DI Pipe	10	LF		
21.	Ductile Iron Fittings	1660	LB	\$ _____	\$ _____
22.	Comminutor - (DM-T20 Open Channel with drive and control)	1	EA	\$ _____	\$ _____
23.	Sod	60	SY	\$ _____	\$ _____
24.	Washed Shell	40	SY	\$ _____	\$ _____
25.	New Wetwell Door and Frame	1	LS		\$ _____
26.	Line Stop	1	EA	\$ _____	\$ _____
27.	Mobilization	1	LS		\$ _____
28.	Miscellaneous Work & Clean Up	1	LS		\$ _____
	BASE BID (ITEMS 1 - 28)				\$ _____
29.	Contingency	10% of Base Bid			\$ _____
	TOTAL BID PRICE (ITEMS 1 - 29)				\$ _____

Bidder: _____

Signature: _____

BID FORM
(Submit In Triplicate)

IFB 16-1225DC

MLS 12A WETWELL REHABILITATION

COMPLETION TIME OF 210 CALENDAR DAYS

	DESCRIPTION	TOTAL QTY.	UNITS	BID PRICE PER UNIT (\$)	TOTAL BID PRICE (\$)
1.	By-pass Pumping & 24-hr Monitoring	1	LS		\$ _____
2.	Wetwell Cleaning	1	LS		\$ _____
3.	Demolition	1	LS		\$ _____
4.	Concrete Repair	1,450	SF	\$ _____	\$ _____
5.	Stop Gate Assembly	2	EA	\$ _____	\$ _____
6.	Guardrail Safety System, fiberglass	1	LS		\$ _____
7.	Spray Liner	1	LS		\$ _____
8.	Explosion Proof Light Fixtures, LED	4	EA	\$ _____	\$ _____
9.	Fiberglass Deck Grating	50	SF	\$ _____	\$ _____
10.	Fiberglass Grating Embedded Angle and Supports	65	LF	\$ _____	\$ _____
11.	Replace Bar Screen	1	EA	\$ _____	\$ _____
12.	Access Hatch, aluminum & 316 S.S. hardware, etc, gas tight	2	EA	\$ _____	\$ _____
13.	Flow Meter, 18" Mag Meter (AB FEW325.450)	1	EA	\$ _____	\$ _____
14.	Meter Vault	1	EA	\$ _____	\$ _____
15.	External Lighting, LED	4	EA	\$ _____	\$ _____
16.	12" Gate Valve	1	EA	\$ _____	\$ _____
17.	18" Gate Valve	2	EA	\$ _____	\$ _____
18.	12" DI Pipe	10	LF	\$ _____	\$ _____
19.	18" DI Pipe	20	LF	\$ _____	\$ _____
20.	20" DI Pipe	10	LF		
21.	Ductile Iron Fittings	1660	LB	\$ _____	\$ _____
22.	Comminutor - (DM-T20 Open Channel with drive and control)	1	EA	\$ _____	\$ _____
23.	Sod	60	SY	\$ _____	\$ _____
24.	Washed Shell	40	SY	\$ _____	\$ _____
25.	New Wetwell Door and Frame	1	LS		\$ _____
26.	Line Stop	1	EA	\$ _____	\$ _____
27.	Mobilization	1	LS		\$ _____
28.	Miscellaneous Work & Clean Up	1	LS		\$ _____
	BASE BID (ITEMS 1 - 28)				\$ _____
29.	Contingency	10% of Base Bid			\$ _____
	TOTAL BID PRICE (ITEMS 1 - 29)				\$ _____

Bidder: _____

Signature: _____

CONTRACT DOCUMENTS

FOR

MASTER LIFT STATION R & R
12A RTU 139

PROJECT # 404-6022287

November 2015

Rev. 3/1/16

PROJECT OWNER:

County of Manatee, Florida
c/o Manatee County Purchasing Division
1112 Manatee Avenue West
Bradenton, Florida 34205
(941) 748-4501

PREPARED BY:

Engineering Division
Manatee County Public Works Department
1022 26th Avenue East
Bradenton, Florida 34208
(941) 708-7450

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. Cleanup and miscellaneous work.
8. Foundation and borrow materials, except as hereinafter specified.
9. Testing and placing system in operation.
10. Any material and equipment required to be installed and utilized for the tests.
11. Pipe, structures, pavement replacement, asphalt and shell driveways and/or appurtenances included within the limits of lump sum work, unless otherwise shown.
12. Maintaining the existing quality of service during construction.
13. Maintaining or detouring of traffic.
14. Appurtenant work as required for a complete and operable system.
15. Seeding and hydromulching.
16. As-built Record Drawings.

BID ITEM 1 - BYPASS PUMPING & 24-HR MONITORING

Payment for all work included in this Bid Item shall be made at the applicable lump sum bid price listed in the Bid Form for furnishing and installing the necessary by-pass pumping including, but not limited to, pumps, pipe, temporary lines, vacuum trucks, specialized equipment and other items implied, but not shown on the Contract Drawings and listed on the Bid Form. Payment will be lump sum and will represent full compensation for this Bid Item. Payment shall also include full payment for 24 hour live monitoring for the duration of by-pass pumping and appurtenances, including, but not limited to, barricades, fasteners, needed anchors, or other methods or restraint needed to secure the equipment and piping. Noise abatement procedures shall also be used and included in this pay item.

BID ITEM 2 - WET WELL CLEANING

Payment for all work under this Bid Item shall be made at the applicable lump sum bid for pressure washing the wet well and hauling out & disposing of the trash, muck and debris as a result of draining and cleaning the wet well prior to demolition work. Payment will be lump sum and will represent full compensation for this Bid Item. Refer to Section 13350A.

BID ITEM 3 - DEMOLITION

Payment for all work included in this Bid Item shall be made at the applicable lump sum bid price listed in the Bid Form.

This Bid Item shall include the removal and disposal of the existing surface protection liners and associated under laying materials, existing floor grates & structure supports, flow stop

gates & comminutor w/ their guide channel structures, and all other required material from the walls, floors, ceiling, channels, removal and disposal of the soft or rotten concrete by pressure washing and / or mechanical means, to bring the surface to a solid concrete foundation for the concrete repair and/or new surface protection liner (as required by the liner's manufacture recommendation and agreed upon by the County).

Prior to bidding, it shall be the sole responsibility of the Contractor to do their own due diligence and investigation to estimate the total square footage and the extent of the existing surface protection liner systems to be removed.

Site investigations may be coordinate with Nick Wagner, Lift Station Superintendent, 941-792-8811 x5377 or Steve Nail x5378. For one week after the Information Conference, the MLS will be made accessible two times a day (8:00 am and 2:00 pm) on Monday, Wednesday, and Friday. The individual time slots may be utilized by two separate Bidders and shall be reserved 24 hours in advance.

All available record drawings shall be included in the Contract Documents.

BID ITEM 4 - CONCRETE REPAIR

Payment for all work under this Bid Item shall be made at the unit price bid per square foot for repair and patching of the concrete foundation in excess of the surface preparation required for the installation of the surface protection liner.

The concrete channel surfaces shall to be returned to original lines and dimensions and adequately sound and smooth enough to meet the new surface protection liner application standards. Allowances for the thickness of the new surface protection liner and "skim coat" shall be considered. All other concrete surfaces shall be returned to approximate original lines and dimensions as directed by County personnel. The depth limitation of this bid item is from the bottom of the "1/2" skim coat" to exposed rebar.

Included are exposed rebar coating, hydraulic cement patching, grouting around the new flow gate or comminutor guide channels/support structure or any other structure or support or guides that need to be in place prior to the spray surface protection liner application. The actual number of square feet of area to be repaired shall be agreed upon with the County Inspector prior to commencement of any work.

BID ITEM 5 - STOP GATE ASSEMBLY

Payment for all work under this Bid Item shall be made at the applicable unit price bid for each furnished and installed aluminum stop gate, 316 S.S. gate guide channels / structure, and all other items, materials, equipment and labor to complete this item, ready for approval and acceptance by the County.

BID ITEM 6 - GUARDRAIL SAFETY SYSTEM - FIBERGLASS

Payment for all work under this Bid Item shall be made at the applicable lump sum price bid for furnishing and installing a fiberglass guardrail safety system (basic in-line two-rail round pipe railing) to fully replace the existing safety rail system. A fiberglass toeboard shall be provided on all open-sided floors. The safety railing system shall meet all current OSHA 1910.23 requirements, and all other applicable agencies requirements.

BID ITEM 7 - SPRAY LINER

Payment for all work included in this Bid Item shall be made at the lump sum price bid for a spray surface protection liner system furnished and installed as shown on the Contract Drawings and listed on the Bid Form. This bid item shall be a spray applied epoxy or urethane surface protection liner system to the interior surfaces of the wet well, channel chamber, access area, etc. This bid item shall also include surface preparation ("skim coat") up to ½" thick and all other items, materials and incidentals necessary to complete this bid item, all in accordance with the spray surface protection liner's manufacturer recommendation and these Specifications, ready for approval and acceptance by the County. Surface preparation beyond ½" thick will be considered Concrete Repair and shall be bid under Bid Item 4.

Prior to bidding, it shall be the sole responsibility of the Contractor to do their own due diligence and investigation to estimate the total square footage of the interior surface to be coated.

Site investigations may be coordinate with Nick Wagner, Lift Station Superintendent, 941-792-8811 x5377 or Steve Nail x5378. For one week after the Information Conference, the MLS will be made accessible two times a day (8:00 am and 2:00 pm) on Monday, Wednesday, and Friday. The individual time slots may be utilized by two separate Bidders and shall be reserved 24 hours in advance.

All available record drawings shall be included in the Contract Documents.

BID ITEM 8 - EXPLOSION PROOF LIGHT FIXTURES

Payment for all work under this Bid Item shall be made at the unit price bid for each furnished and installed explosion proof (Class I, Division I rated), corrosion resistant, hazardous location LED light fixture. This bid item includes all core boring, conduit runs, connections, switches, boxes, sealing, wiring, LEDs, etc. required to complete the installation, ready for approval and acceptance by the County. All hardware, mounting equipment, materials, etc. exposed to the lift station atmosphere shall be 316 SS or equivalent.

BID ITEM 9 - FIBERGLASS DECK GRATING

Payment for all work under this Bid Item shall be made at the unit price bid per square foot to furnish and install new fiberglass deck grating over the wet well and flow channels. This bid item includes all fiberglass work, materials, coatings, etc. required to complete the installation, ready for approval and acceptance by the County.

Payment shall also include all work and materials for the fiberglass deck grating support structures.

BID ITEM 10 - FIBERGLASS GRATING EMBEDDED ANGLE AND SUPPORTS

Payment for all work under this Bid Item shall be made at the unit price bid per linear foot of fiberglass embedded angles, structural supports, etc. furnished and installed. These items shall include all materials, equipment, annular grouting, etc. to provide a complete and acceptable installation of a structural support for the fiberglass deck grating over the flow channels, ready for approval and acceptance by the County.

BID ITEM 11 - REPLACE BAR SCREEN

Payment for all work under this Bid Item shall be made at the unit price bid for each furnished and installed new 316 stainless steel bar screen assembly. This item shall include all metal work, concrete work, materials, fixtures, anchors, supports, etc. required to complete the assembly, ready for approval and acceptance by the County.

BID ITEM 12 - ACCESS HATCH

Payment for all work under this Bid Item shall be made at the unit price bid for each furnished and installed new gas tight aluminum access hatch and 316 stainless steel mounting hardware, frame, etc. Hatch shall be inset to maintain the full existing opening dimensions with hinges and handle recessed as much as possible to reduce tripping hazards. This item shall include all metal work, concrete work, surface restoration, materials, fixtures, anchors, supports, etc. required to complete the assembly, ready for approval and acceptance by the County.

BID ITEM 13 - FLOW METER, ABB

Measurement shall be per each flow meter furnished and installed.

Payment will be according to each type and quantity of flow meters installed.

The unit bid price shall include, but is not limited to, flow meter, aboveground transmitter, all wiring, conduit, analog monitor for connection to telemetry, and all other related and necessary materials, labor and equipment required to complete this bid item ready for approval and acceptance by the County.

BID ITEM 14 - METER VAULT

Payment for work under this Bid Item shall be made at the unit price bid for each meter vault furnished and installed including aluminum access hatch(es) per Manatee County Standards.

Measurement shall be for each meter vault installed complete and accepted.

This unit bid price shall include, but not limited to, dewatering, excavation, including rock as necessary, bedding, compaction, backfill, removal of unsuitable materials, sheeting, testing and any and all other items necessary for a completed system in accordance with the Contract Documents shall be included. Payment shall represent full compensation for all labor, materials, equipment and incidental items necessary to complete each meter vault structure, ready for approval and service by the County.

BID ITEM 15 - EXTERIOR LIGHTING

Payment for all work under this Bid Item shall be made at the unit price bid for each furnished and installed corrosion resistant exterior light fixtures. This bid item includes all core boring, conduit runs, connections, switches, boxes, sealing, wiring, LEDs, etc. required to complete the installation, ready for approval and acceptance by the County.

BID ITEM NOS. 16 AND 17 - VALVES

Measurement shall be per each valve, furnished and installed.

Payment will be 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, 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 NOS. 18 THRU 20 - 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), 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; 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; 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. Site restoration, traffic control, erosion control, services, fittings, joint restraints and pipe adapters paid under separate bid items.

BID ITEM NO. 21 - DUCTILE IRON FITTINGS

Measurement shall be per weight in pounds for Ductile Iron pipe 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 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; 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. 22 - DIMMINUTOR

Payment for all work included in this Bid Item will be made at the unit lump sum price bid for furnishing and installing each Dimminutor as shown on the Contract Drawings and listed on the Bid Form. Payment will be made for complete & final installation including core drilling, concrete patching, wiring, conduits & panel and will represent full compensation for all labor, material, testing and equipment required to complete this Bid Item.

BID ITEM NO. 23 - SOD

Measurement shall be per square yards of sod.

Payment will be per actual quantity of square yards of sod installed and accepted. Sod shall match existing.

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. 24 - WASHED SHELL

Measurement shall be per square yards of washed shell installed.

The washed shell shall be installed/replaced in accordance with the latest Manatee County Public Works Utility Standards.

Payment will be for the actual square yards of washed shell installed and accepted.

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

BID ITEM NO. 25 - NEW WETWELL ALUMINUM DOOR AND FRAME

Payment for all work under this Bid Item shall be made at the Contract lump sum price bid listed in the Bid Form to furnish and install a new aluminum door and frame with stainless steel mounding hardware and finishings. The door and frame shall match the existing opening. This item shall include all metal work, concrete work, materials, fixtures, anchors, supports, etc. required to complete the assembly, ready for approval and acceptance by the County.

BID ITEM NO. 26 - LINE STOP

Measurement shall be per each line stop furnished and installed.

Payment will be according to the size of line stop, as listed on the Bid Form.

The unit bid price shall include, but is not limited to, valves, piping, restraintment, excavation, bracing, shoring, sheeting, dewatering, clearing, grubbing, stripping, bedding, backfill, disposal of spoil, testing and other related and necessary materials, work and equipment required to complete, these bid items, ready for approval and acceptance by the County. Removal of line stop shall also be included in the unit price.

BID ITEM NO. 27 - 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. 28 - MISCELLANEOUS WORK AND CLEANUP

Payment for all work included under this Bid Item shall be made at the lump sum price bid listed in the Bid Form for any other miscellaneous work not specifically included for payment under other Bid Items obviously necessary to complete the Contract. 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, as-builts record drawings, project signs, traffic control, 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. 29 - 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