

CONTRACT DOCUMENTS

FOR

Country Club Heights
Waterline Replacement

PROJECT # 404 6088770

January 3, 2018
rev 6/4/18

PROJECT OWNER:

County of Manatee, Florida
c/o Manatee County Procurement Division
1112 Manatee Avenue West
Bradenton, Florida 34205
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PREPARED BY:

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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 & 4 - HDPE C-906 WATER LINE - DIRECTIONAL BORED

Payment for all work included in these Bid Items shall be made at the applicable Contract unit price bid per linear foot for furnishing and installing the listed diameter and class of HDPE water main (AWWA C-906, DR 11 or 9, Class 160 or 200) pipe and fittings as shown on the Contract Drawings or where directed by the Project Representative. Measurement and Payment shall be made for the actual length of the listed diameter pipe installed and acceptably furnished and will represent full compensation for all directional drilling, labor, materials, equipment, all non-DI fittings unless specifically included in other bid items, 10 gage copper clad steel wire, detectable tape, excavation, including rock, dewatering, pigging, bedding, backfill, compaction, testing and disinfection, coordination with utility agencies, and protection of other utilities required to complete these Bid Items. No additional compensation will be made for excavation below the bottom of the pipe, for rock removal or bedding and backfill materials, or for repair of any settlement.

BID ITEM 2 - PVC (C-900 & C-905) WATERLINE - DIRECT BURY

Payment for all work included in these Bid Items shall be made at the applicable Contract unit price bid per linear foot for furnishing and installing the listed diameter and thickness of PVC water main (AWWA C-900, or C-905) pipe as shown on the Contract Drawings and listed in the Bid Form. Measurement and Payment shall be made for the actual length of the listed diameter pipe installed and will represent full compensation for all labor, materials, equipment, excavation, including rock, dewatering, tracer wire, thrust blocking, detectable tape, bedding, backfill, pigging, compaction, testing and disinfection, coordination with utility agencies, and protection of other utilities required to complete these Bid Items. No additional compensation will be made for excavation below the bottom of the pipe, for rock removal or bedding and backfill materials, or for repair of any trench settlement. The cost of all restraints and thrust

blocking shall be included except for restraints specifically listed on the Bid Form. The cost of concrete for thrust blocks is not included in the miscellaneous concrete pay item.

BID ITEM 3 - DUCTILE IRON WATER LINE - DIRECT BURY

Payment for all work included in these Bid Items shall be made at the applicable Contract unit price bid per linear foot for furnishing and installing the listed diameter and class of ductile iron water main (AWWA C-151, CL-350) pipe as shown on the Contract Drawings or where directed by the Project Representative. Measurement and Payment shall be made for the actual length of the listed diameter pipe installed and will represent full compensation for all labor, materials, equipment, excavation, including rock, 10 gage copper clad steel wire, detectable tape, dewatering, thrust blocking, bedding, pigging, backfill, compaction, testing and disinfection, coordination with utility agencies, and protection of other utilities required to complete these Bid Items. No additional compensation will be made for excavation below the bottom of the pipe, for rock removal or bedding and backfill materials, or for repair of any trench settlement. The cost of all restraints and thrust blocking shall be included except for restraints specifically listed on the Bid Form. The cost of concrete for thrust blocks is not included in the miscellaneous concrete pay item.

BID ITEM 5 - FIRE HYDRANT ASSEMBLY

Payment for all work included in this Bid Item shall be made at the applicable Contract unit price bid per each complete hydrant assembly, including but not limited to hydrant lead, 6" diameter ductile iron pipe between the main and hydrant up to 10ft for each hydrant, restraints, tee, gate valve, box, cover, tracer wire & box, concrete pads, restraining rods and/or thrust blocks, bolts, gaskets, and fittings as shown on the Contract Drawings. Payment shall represent full compensation for all labor, material, equipment, excavation, including rock, bedding, backfill, compaction, testing and disinfection required to complete this Bid Item.

BID ITEM 6, 7 - TAPPING SLEEVES & VALVES

Payment for all work included in these Bid Items shall be at the applicable Contract unit price bid per each tapping sleeve including tapping valve for furnishing and installing the listed diameter tapping sleeve and tapping valve, box, cover and concrete pad as shown on the Contract Drawings. Prior to the tapping operation, the Contractor will contact the County as to the date and time of the proposed work. The tapping operation itself up to 12-inches in diameter will be performed by the County. All tapping operations larger than 12 inches in diameter shall be performed by the Contractor with the County's Representative present. Payment shall represent full compensation for all labor, material, excavation, including rock as necessary, bedding, backfill, compaction testing, disinfection and equipment required to complete these Bid Items. All tapping sleeves shall be stainless steel with stainless steel hardware.

BID ITEM 8 - GATE VALVES

Payment for all work included in these Bid Items shall be made at the applicable Contract unit price bid per each valve for furnishing and installing the listed diameter valve including but not limited to valve, box, cover, tracer wire & box, identification disc, and concrete pad as shown on the Contract Drawings and listed on the Bid Form. Payment shall represent full compensation for all labor, material, equipment, restraints, excavation, including rock as necessary, bedding, backfill, compaction, testing and disinfection required to complete these items.

BID ITEM 9 - GROUT FILL ABANDONED PIPE

Payment for all work included in this Bid Item will be made at the applicable Contract unit price bid per cubic foot for grouting pipe with cement and plugging the existing pipes as shown on the Contract Drawings and where directed by the Project Representative. Payment shall represent full compensation for all labor, materials, necessary equipment, and incidentals necessary to complete the work, ready for approval and acceptance by the Engineer/Owner.

BID ITEMS 10 to 18 - DUCTILE IRON FITTINGS, WATER, EACH

Payment for all work included in these Bid Items will be made at the applicable Contract unit price bid per each fitting for furnishing and installing ductile iron fittings (cement lined) as shown on the Contract Drawings, as listed on the Bid Form by size and type, and where directed by the Project Representative. Payment will be made for each fitting installed and will represent full compensation for all labor, material, equipment, restraints, excavation, including rock, bedding, backfill, compaction, testing, bolts, nuts, gaskets, washers, and disinfection required to complete these Bid Items.

BID ITEM - 19 TO 22 - WATER SERVICES

These Bid Items include the construction of potable water services including service line and appurtenances of the specified type acceptably furnished and installed as shown on the Drawings or where directed by the Project Representative. The work includes appurtenances, installation of a new water service from the main to the existing water service meter assembly and the installation of a meter resetter as per detail UW-17. Measurement will be according to the type of service eg, long or short, single or double. Payment for all work under this Bid Item shall be made at the applicable Contract unit price bid per Each water service assembly according to the type of service.

The work shall include, but is not limited to; service piping, excavation, directional drilling, restoration, compaction, casing pipe, tapping saddles, corporation stops, curb stops, curb or pavement location disks, 10 gauge copper clad steel tracer wire, complete meter assembly & yoke, resetter, all necessary fittings, all service connections, disinfection, removal and reinstallation of existing meters, and all other related and necessary materials, work and equipment associated with this item. This activity shall be coordinated with the private property owner to ensure minimum interruption of potable water service. Meter box paid under separate bid item.

BID ITEM 23 - CONNECT TO EXISTING WATER LINE

Payment for all work included in this Bid Item will be made at the applicable Contract unit price bid per each connection to an existing water main as specified, acceptably furnished and installed as shown on the Contract Drawings or where directed by the Project Representative. Measurement will be based on each complete connection made and accepted. The work for this item includes but is not limited to shutdown of mains, coordination with County staff, removal of existing fittings and pipe as required, furnish and install all fittings, bolts, gaskets, thrust blocking, pipe restraints, excavation, backfill, couplings, plugs, caps, adapters, and materials except as specifically included in other pay items. Payment shall represent full compensation for all labor, materials, equipment, testing and disinfection necessary to complete this Bid Item, ready for approval and acceptance by the Engineer/Owner.

BID ITEM 24 - HDPE MJ PIPE ADAPTERS

Payment for all work included in these Bid Items shall be made at the applicable Contract unit price bid per each pipe adapter for furnishing and installing each adapter of the size specified on the Bid Form, including but not limited to, nuts, bolts, hardware, stainless steel insert, gland, gasket, and all other related items as shown on the Contract Drawings. Payment shall represent full compensation for all labor, materials, excavation, including rock as necessary, bedding, backfill, compaction, testing and disinfection and equipment required to complete these Bid Items.

BID ITEM 26, 27, 28 - PIPE JOINT RESTRAINTS

Payment for all work included in these Bid Items shall be made at the applicable Contract unit price bid per each restraint of the type and size specified in the Bid Form required to restrain the piping shown on the Contract Drawings. Measurement will be based on each complete restraint furnished and installed except where specifically included in another pay item. Payment shall represent full compensation for all labor, material, equipment, excavation, including rock, bedding, backfill, compaction, and testing required to complete this Bid Item. This Bid Item includes the installation of restraints (EBAA Iron or equal) of the specified type acceptably furnished and installed as shown on the drawings, as required by County Utility Standards, or where directed by the Project Representative. The work shall include, but is not limited to, all bolts, nuts, washers, gaskets, coatings, and all other related and necessary materials, work and equipment required or associated with this item. Restraints included in ductile iron RJ pipe are specifically excluded from this pay item.

BID ITEM 29 - SILT FENCE

Payment for all work included in this Bid Item will be made at the applicable Contract unit price bid per linear foot for furnishing, installing and maintaining silt fence. This Bid Item includes the construction of staked silt fence as specified acceptably furnished and installed as shown on the Drawings or where directed by the Project Representative. Measurement will be according to the number of linear feet of staked silt fence installed and accepted.

BID ITEM 30 - INLET PROTECTION

This Bid Item includes all labor, equipment, and materials for the construction and maintenance of all erosion control inlet protection devices as shown on the Contract Drawings, acceptably furnished and installed where directed by the Project Representative and as required by State Regulations. Measurement will be per each inlet protected.

Payment for all work under this Bid Item shall be made at the applicable Contract unit price bid for inlet protection, Each.

BID ITEM 31 - EROSION CONTROL

Payment for all work included in this Bid Item will be made at the applicable Contract lump sum price bid for furnishing, installing, and maintaining erosion control facilities as required by county and state regulations and as shown on the Contract Drawings or where directed by the Project Representative, excluding silt fence and inlet protection. Payment shall represent full compensation for all labor, materials, necessary equipment, dewatering permit and permit costs, and incidentals necessary to complete the work.

BID ITEM 32 - BAHIA SODDING

Payment for all work included in this Bid Item will be made at the applicable Contract unit price bid per square yard for furnishing and installing Bahia sod in accordance with the Specifications, as shown on the Contract Drawings or where directed by the Project Representative. Payment shall represent full compensation for all labor, materials, equipment, and incidentals necessary to complete the work, ready for approval and acceptance by the Engineer/Owner.

BID ITEMS 33, 34, 35 - DRIVEWAY RESTORATION

Payment for all work included in these Bid Items will be made at the applicable Contract unit price bid per square yard for shell, asphalt, or concrete driveway restoration of the specified thickness as listed on the Bid Form. Measurement of driveway restoration will be per the actual number of square yards replaced. Payment shall represent full compensation for all labor, materials and equipment for cutting the edges of existing driveways, removal of existing pavement and disposal of all waste, compacting subgrade, furnishing and installing the shell, or asphalt & crushed concrete base, or concrete pavement, forming and finishing, compaction, steel reinforcement, joints, and all incidentals necessary to complete the driveway restoration where shown on the Contract Drawings and where directed by the Project Representative, in accordance with Manatee County Public Works Standards. No payment will be made for driveway replacement where the Contractor is installing water mains or service lines by boring beneath the driveway. Damage to driveways as a result of construction activities which are outside of areas where service main is open cut through the driveway or areas where the service main is further than two feet from the edge of the driveway, shall be the responsibility of the Contractor and shall not be included in the measurement and payment for this item.

BID ITEM 36 - CONCRETE SIDEWALK

Payment for all work included in this Bid Item will be made at the applicable Contract unit price bid per square yard for furnishing and installing concrete sidewalk of the specified thickness as shown on the Drawings or where directed by the Project Representative. Measurement will be per actual number of square yards of sidewalk installed. Payment shall represent full compensation for furnishing and installing sidewalk, including but not limited to all labor, material and equipment for compacting subgrade, forming, reinforcement, furnishing, placing the concrete, finishing as specified, and all incidentals necessary for completion of this Bid Item, all in accordance with Manatee County Public Works Standards. Sidewalk shall not be installed until after Curb is installed.

BID ITEM 37 - CURB & GUTTER REPLACEMENT

Payment for all work included in this Bid Item will be made at the applicable Contract unit price bid per linear foot for replacement of existing curb & gutter as shown on the Drawings or where directed by the Project Representative. Measurement will be per actual number of linear feet of curb installed. Payment shall represent full compensation for furnishing and installing curb & gutter to match existing type, removal of existing curb and gutter and disposal of all waste off site, all labor, material and equipment for compacting subgrade, forming, furnishing, placing the concrete, and finishing as specified and all incidentals necessary for completion of this Bid Item in accordance with Manatee County Public Works Standards.

BID ITEM 38 - AIR RELEASE VALVE ASSEMBLY

Payment for all work included in this Bid Item shall be made at the applicable Contract unit price bid per each valve assembly for furnishing and installing the listed diameter ARV Assembly as shown on the Contract Drawings or where directed by the Project Representative. Payment shall represent full compensation for all labor, material, equipment, excavation, including but not limited to rock as necessary, bedding, backfill, compaction, testing and disinfection, ARV, fittings, valves, piping, copper tracer wire, vent pipe, cabinet, and concrete pads required to complete this Bid Item.

BID ITEM 39 - ASPHALT ROAD RESTORATION (BASE & RESURFACE)

Payment for all work included under this Bid Item will be made at the Contract unit price bid per square yard of Asphalt Road Restoration (Base & Resurface), including subbase, base, and structural course asphalt for furnishing, installing and testing the road restoration pavement section in accordance with the Specifications. Measurement will be based on the actual number of square yards of road restoration installed, tested, complete and approved. The measurement will be as shown on the Contract Plans or where directed by the Project Representative, but not greater than the width of the existing roadway prior to construction. Payment will include complete restoration of the roadway section in accordance with the applicable details on the Contract Drawings, to match existing pavement thickness, but not less than **2.0 inches of FDOT Type S-III** asphaltic concrete, the necessary base, and compacted suitable excavation material all in accordance with these Specifications. No payment for restoration of a private driveway within or outside the right-of-way shall be made under this Bid Item. Payment shall include all items and incidentals necessary to complete the road restoration in accordance with the requirements of Manatee County ready for approval and acceptance by the Engineer/Owner.

BID ITEM 40 - BACKFLOW PREVENTER WITH VACUUM BREAKERS

It is expected that some service line connections shall require installation of a backflow preventer assembly, in accordance with Manatee County Utility Standard UW-12, at the water service meter, including vacuum breakers at each outside hose bibb. All work performed on private property must be performed by an appropriately licensed plumbing contractor in accordance with the Florida Building Code - Building and Plumbing and the Manatee County Building Department. After the backflow assembly is installed, tested and inspected the contractor shall be responsible to register it using the Manatee County Utility Department on-line registration system.

This Bid Item includes the installation of backflow preventers of the specified type, and vacuum breakers, acceptably furnished and installed at the locations required by the Florida Plumbing Code and where directed by the Project Representative. Measurement will be based on each complete backflow preventer installed as shown on the drawings. Payment for all work under this Bid Item shall be made at the applicable Contract unit price bid per Each backflow preventer. The work shall include, but is not limited to, backflow preventer, vacuum breakers, valves, concrete slabs, test cocks and sleeves, all necessary fittings, all service connections, disinfection and all other related and necessary materials, work and equipment associated with this item. This activity shall be coordinated with the private property owner to ensure minimum interruption of potable water service.

BID ITEM 41 - CLEARING AND GRUBBING

Payment for all work included in this Bid Item shall be at the applicable Contract unit price bid per acre for all clearing and grubbing work, as necessary to perform all construction, as shown on the Drawings or as directed by the Project Representative and shall meet all County requirements. Measurement shall be per acre of land cleared and grubbed. Payment shall represent full compensation for all labor, material, and equipment required to complete this Bid Item, including excavation, removal, and disposal off site of the following items located between the edge of pavement and the Right-of-Way line on the road side that pipe excavation occurs: removal of all trees up to 4" diameter (except trees noted on the Drawings to be protected or as directed by the Project Representative), all shrubs, driveways and sidewalks as marked on the plans for removal except where paid under other bid items, or as directed by the Project Representative. Clearing and Grubbing shall be performed in accordance with FDOT Standard Specifications and Manatee County Public Works Standards. The width of the area to be cleared shall not exceed 15 feet unless prior written approval is granted by the County.

BID ITEM 42 - MOT TO FDOT STANDARDS

Payment for all work included in this Bid Item will be made at the applicable Contract lump sum price bid for MOT to FDOT Standards, including preparing and implementing all traffic control plans required by the County, furnishing and maintaining all traffic control devices, signs, flagmen, barricades, detours, traffic barriers, removing and installing all temporary and permanent thermoplastic striping and pavement markings to current FDOT standards as necessary for construction, and traffic control plans prepared by an individual with FDOT Advanced MOT Certification. Payment shall represent full compensation for all labor, materials and equipment for maintenance of pedestrian and vehicular traffic in accordance with FDOT Standard Specifications.

BID ITEM 43 - MISCELLANEOUS CONCRETE

Payment for all work under this Bid Item shall be made at the applicable Contract unit price bid per cubic yard of concrete as shown on the Bid Form for furnishing, placing and installing the miscellaneous concrete, measured in place, within the lines and grades as shown on the Contract Drawings and as described in the Specifications. All concrete placed outside these lines and grades to fill unauthorized excavation and all concrete for replacing defective work shall be at the expense of the Contractor. Concrete specifically included under any other Bid Item will not be measured or paid for under this Bid Item.

Measurement for miscellaneous concrete shall be per actual cubic yard of concrete furnished, placed and installed as shown on the Contract Drawings or as ordered by the County in writing. This Bid Item includes encasements, nonreinforced pipe cradles, and like work. Payment shall represent full compensation for all labor, materials, and equipment for mixing, placing, forming and curing of the concrete and all incidentals necessary to complete the concrete work, ready for approval and acceptance by the County.

BID ITEM 44 - REMOVE TREE 4.1" TO 12" DIAMETER

Payment for work under this Bid Item shall be made at the Contract unit price bid for removing each tree 4.1" to 12" diameter, (except where shown on the Drawings to be protected), including associated grubbing to remove tree roots, and as directed by the Project Representative. Trees 4" diameter & under are excluded and shall be paid under the Clearing & Grubbing pay item.

Measurement and Payment shall be per Each tree removed and disposed off site in accordance with the Contract Documents. Payment shall represent full compensation for all labor, materials, equipment and incidental items necessary to complete tree removal

BID ITEM 45 - REMOVE ASPHALT PAVEMENT

Payment for all work included in this Bid Item will be made at the applicable Contract unit price bid per square yard for removal of existing asphalt pavement as shown on the Drawings (shown as Base and Resurface Areas) or as directed by the Project Representative. Measurement will be per actual number of square yards of asphalt pavement removed. Payment shall represent full compensation for removal of existing asphalt, disposal off site, sawcutting, excavation and all labor, material and equipment for all incidentals necessary for completion of this Bid Item.

BID ITEM 46 - REMOVE AND RESTORE MAILBOX

Payment for all work included in this Bid Item will be made at the applicable Contract unit price bid per each mailbox to remove and restore each mailbox. The Contractor shall remove and restore each mailbox as shown on the plans or as directed by the Project Representative to existing or better condition. Payment shall be made for each mailbox accepted and shall represent full compensation for all labor, materials, equipment, and incidentals necessary to complete the work.

BID ITEM 47 - WATER METER RELOCATION

Measurement and Payment for this item shall be at the applicable Contract unit price bid per meter relocation, only for meters anticipated the need for a plumbing permit and licensed plumber. The Contractor may be required to coordinate with each private property owner all aspects of routing the water service line from the existing meter location to the new meter location. The Contractor shall be responsible for meeting with each individual private property owner to coordinate the routing of the water service line on private property prior to the commencement of any work. The Contractor shall document the agreed upon route on a sketch signed and dated by all parties.

The connection point to the existing water service line shall be assumed to be the point of the old meter location, unless a shorter route can be determined. This Bid Item includes abandoning in place the existing water service line and installing new water service line in accordance with the Florida Building Code - Building and Plumbing.

Manatee County Building Permits, in the amount of \$75 each, will be required for all private water service relocations, with up to 10 adjacent properties included on each permit. This item includes all permits, material, labor, equipment, excavation, restoration, certification and inspection fees, temporary measures, relocation existing meter boxes, piping, , in a manner conforming to all pertinent sections of the Florida Building Code - Building and Plumbing and the Manatee County Building Department. This activity shall be coordinated with the private property owner to ensure minimum interruption of potable water service.

BID ITEM 48 - METER BOX

Measurement shall be for each meter box furnished and installed. Existing meter boxes shall be evaluated in the field. If not a cast iron oval meter box as manufactured by Rome 1910, the

meter box shall be removed and replaced with a SIP Industries per UW-17.

Payment will be according to the type of meter box as listed on the Bid Form.

The unit bid price shall include, but is not limited to, dewatering, excavation, including rock excavation, removal of existing meter boxes, new meter boxes, covers, detector wire, backfill, compaction, testing, and all other items necessary to complete these bid items, all ready for approval and acceptance by the County.

BID ITEM 49 - 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 50 - 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 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-built record drawings, 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 51 - 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 & accepted by the County. Record drawings shall be in strict accordance with Section 1.14 of the Manatee County Public Work Standards, Part I. Utilities Standards Manual.

BID ITEM 52 - 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