

## SECTION 01026

### MEASUREMENT AND PAYMENT

#### PART 1 - GENERAL

##### 1.01 DESCRIPTION OF REQUIREMENTS

- A. The following explanation of the Measurement and Payment for the bid form items is made for information and guidance. The omission of reference to any item in this description shall not, however, alter the intent of the bid form or relieve the Contractor of the necessity of furnishing such as a part of the Contract at no additional cost to the County.

##### 1.02 MEASUREMENT

- A. The quantities set forth in the bid form are approximate and are given to establish a uniform basis for the comparison of bids. The County reserves the right to increase, decrease, or eliminate the quantity of any class or portion of the Work during the progress of construction in accordance with the terms of the Contract Documents. The Bid Form shall serve as a basis of developing additive or deductive Change Orders.

##### 1.03 PAYMENT

- A. Payment for each item listed below shall be made at the Contract unit price or lump sum price per item of work on the basis of the work actually performed, completed, tested, and accepted by the County. Such work includes but is not limited to the furnishing of all necessary labor, materials, appurtenances, equipment, transportation, clean up, restoration of disturbed areas, costs of insurance and bonding, and all other direct and indirect expenses to complete the construction, test to passing, and place the Work into operation, as described in the Contract Documents, and as directed by the County.
- B. Payment for each item includes compensation for cleanup and restoration. Cleanup and surface restoration will be considered as ten percent (10%) of each pay item, and complete payment of each item will not be made until cleanup and restoration have been completed, and all final closed out items are delivered to and approved by the County.

##### 1.04 MEASUREMENT AND PAYMENT OF LUMP SUM ITEMS

- A. Measurement and Payment for Lump Sum bid items will be made based on the approved Schedule of Values submitted by the Contractor as required by the County. Monthly progress payments will be based on a percentage of the work completed as approved by the County.

##### 1.05 PAY ITEMS

- A. Item No. 1 – Mobilization and Demobilization:
  - 1. Method of Measurement:
    - a. Lump Sum (LS): The Lump Sum price for Mobilization and Demobilization shall be full compensation for mobilization and demobilization activities required for all Work as shown and specified.
  - 2. Payment for this bid item shall be made at the unit price set forth in the Bid Form and shall constitute full compensation for Work specified in the Contract Documents. Payment shall include, but is not limited to, premiums for required bonds and insurance; survey work; mobilization and demobilization of equipment, personnel,

materials, supplies, and incidentals to the Site; field office, temporary utilities and other facilities required for performance of the Work; and other operations performed, or costs incurred before the beginning of Work.

- a. The lump sum price for Mobilization and Demobilization shall not exceed five percent (5%) of the subtotal of all other bid items.
- b. Payment for Item No. 1.0 will be the first partial payment at 75% of the lump sum price for Mobilization and Demobilization and the balance will be payable in the final project close-out payment.

B. Item No. 2 and 3 – Water Main – Open Cut Installation:

1. Method of Measurement:

- a. Linear Foot (LF): The quantity to be paid shall be the actual number of linear feet of water main furnished and installed by open cut method in accordance with the Contract Documents, measured to the nearest foot along the centerline of the pipe in the horizontal plane between the limits shown on the plans, including the lengths of valves and fittings.

2. Payment for this item shall be made at the unit price set forth on the Bid Form and shall constitute full compensation for Work specified in the Contract Documents. Payment shall include, but is not limited to, all costs for location of existing utilities, maintenance of traffic, erosion and sediment control, clearing and grubbing, protection of existing trees, removal and disposal of roadway and driveway materials, excavation, bedding, backfilling, dewatering, shoring and bracing, compaction of backfill, over excavation for pipe bedding, support of existing utilities, pipe, joint restraint, fittings, services, sleeves, couplings, transition adaptors, polyethylene encasement on all ductile iron fittings, pipe installation, tracer wire, warning tape, water main markers, relocation of private stormwater systems, mailboxes and personal property incidental to the construction of the water main, flushing and cleaning, disinfection, testing, seeding and sodding, construction record photographs, post construction survey, record drawings, and all incidentals and appurtenances required to complete the installation as shown and specified in the Contract Documents.

C. Item No. 4 and 5 – Water Main – Horizontal Directional Drill Installation:

1. Method of Measurement:

- a. Linear Foot (LF): The quantity to be paid shall be the number of linear feet of pipe furnished and installed by directional drill as measured on the Drawings.
- b. No payment will be made for additional pipe length due to increased depth of horizontal drill.

2. Payment for this item shall be made at the unit price set forth on the Bid Form and shall constitute full compensation for Work specified in the Contract Documents. Payment shall include, but is not limited to, all costs for locating existing utilities, maintenance of traffic, erosion and sediment control, clearing and grubbing, protection of existing trees, removal and disposal of roadway and driveway materials, excavation, backfilling, dewatering, shoring and bracing, compaction of backfill, butt welding of joints, fittings, transition adaptors, polyethylene encasement on all ductile iron fittings, HDPE pipe as specified in the Contract Drawings, directional drill of pipe including additional piping required for installation, proper disposal of drill fluids, tracer wire, flushing and cleaning,

disinfection, testing, restoration of all roadways, driveways or sidewalks impacted by the installation, required submittals, seeding and sodding, coordination with FDOT and DBi Services, LLC, post construction survey, record drawings, and all incidentals and appurtenances required to complete the installation as shown and specified in the Contract Documents.

D. Item No. 6 – Water Main – Jack and Bore Installation:

1. Method of Measurement:

- a. Linear Foot (LF): The quantity to be paid shall be the number of linear feet of pipe furnished and installed by jack and bore in accordance with the Contract Documents, measured to the nearest foot along the centerline of the pipe in the horizontal plane between the limits shown on the plans.
- b. No payment will be made for additional pipe length due to increased length of Jack and Bore.

2. Payment for this item shall be made at the unit price set forth in the Bid Form and shall constitute full compensation for Work specified in the Contract Documents. Payment shall include, but is not limited to, all costs for location of existing utilities, maintenance of traffic, erosion and sediment control, clearing and grubbing, protection of existing trees, excavation, backfilling, dewatering, shoring and bracing, casing pipe, carrier pipe, casing pipe installation, carrier pipe installation, casing spacers, casing pipe end seals, post construction survey, record drawings, flushing and cleaning, disinfection, testing, tracer wire, restoration of all roadways, driveways or sidewalks impacted by the installation, seeding and sodding, and all incidentals and appurtenances required to complete the bore and jack installation as shown and specified in the Contract Documents.

E. Item No. 7 and 8 – Water Main – Above Grade Installation:

1. Method of Measurement:

- a. Linear Foot (LF): The quantity to be paid shall be the number of linear feet of water main furnished and installed above grade in accordance with the Contract Documents, measured to the nearest foot along the centerline of the pipe in the horizontal plane between the limits shown on the plans, including the lengths of valves and fittings.

2. Payment for this item shall be made at the unit price set forth on the Bid Form and shall constitute full compensation for Work specified in the Contract Documents. Payment shall include, but is not limited to, all costs for location of existing utilities, protection of existing trees, erosion and sediment control, clearing and grubbing, shoring and bracing, support of existing utilities, abandonment of existing utilities as shown in Contract Documents, pipe, pipe supports, supporting concrete pads, flange gaskets, fittings, couplings, pipe installation, flushing and cleaning, disinfection, testing, pipe labeling or coatings as required, post construction survey, record drawings, and all incidentals and appurtenances required to complete the installation as shown and specified in the Contract Documents.

F. Item No. 9 and 10 –Water Main Relocation:

1. Method of Measurement:

- a. Linear Foot (LF): The quantity to be paid shall be the actual number of linear feet of watermain relocation furnished and installed by open cut method in accordance with the Contract Documents, measured to the nearest foot along the centerline of the pipe in the horizontal plane between the limits shown on the plans, including the lengths of valves and fittings.
  - b. No additional payment will be made for increased pipe length for relocation.
2. Payment for this item shall be made at the unit price set forth in the Bid Form and shall constitute full compensation for Work specified in the Contract Documents. Payment shall include, but is not limited to, all costs for location of existing utilities, maintenance of traffic, erosion and sediment control, clearing and grubbing, protection of existing trees, removal and disposal of roadway and driveway materials, shutdown or access coordination with utility owner, residents, business owners, schools and churches, excavation, bedding, backfilling, dewatering, shoring and bracing, compaction of backfill, over excavation for pipe bedding, support of existing utilities, pipe, joint restraint, fittings, sleeves, couplings, transition adaptors, polyethylene encasement on all ductile iron fittings, pipe installation, connections to existing water main, double thrust collar as stated on the Contract Drawings, disposal and abandonment of existing water main, tracer wire, warning tape, flushing and cleaning, testing, seeding and sodding, post construction survey, record drawings, and all incidentals and appurtenances required to complete the installation as shown and specified in the Contract Documents.

G. Item No. 11 – Force Main Relocation

1. Method of Measurement:
  - a. Linear Foot (LF): The quantity to be paid shall be the actual number of linear feet of force main relocation furnished and installed by open cut method in accordance with the Contract Documents, measured to the nearest foot along the centerline of the pipe in the horizontal plane between the limits shown on the plans, including the lengths of valves and fittings.
  - b. No additional payment will be made for increased pipe length for relocation.
2. Payment for this item shall be made at the unit price set forth on the Bid Form and shall constitute full compensation for Work specified in the Contract Documents. Payment shall include, but is not limited to, all costs for location of existing utilities, maintenance of traffic, erosion and sediment control, clearing and grubbing, protection of existing trees, removal and disposal of roadway and driveway materials, shutdown or access coordination with utility owner, residents, business owners, schools and churches, excavation, bedding, backfilling, dewatering, shoring and bracing, compaction of backfill, over excavation for pipe bedding, support of existing utilities, pipe, joint restraint, fittings, air release valves, sleeves, couplings, transition adaptors, polyethylene encasement on all ductile iron fittings, pipe installation, bypass pumping, connections to existing force main, disposal and abandonment of existing force main, tracer wire, warning tape, flushing and cleaning, testing, seeding and sodding, post construction survey, record drawings, and all incidentals and appurtenances required to complete the installation as shown and specified in the Contract Documents.

H. Item No. 12 and 13 – Private Utility Relocation

1. Method of Measurement:

- a. Linear Foot (LF): The quantity to be paid shall be the actual number of linear feet of privately-owned utilities to be relocated in accordance with the Contract Documents.
    - b. No additional payment will be made for additional impacts to private utility relocations.
  2. Payment for this item shall be made at the unit price set forth on the Bid Form and shall constitute full compensation for Work specified in the Contract Documents. Payment shall include, but is not limited to, all costs for location of existing utilities, support of existing utilities, maintenance of traffic, erosion and sediment control, clearing and grubbing, protection of existing trees, removal and disposal of roadway and driveway materials, shutdown or access coordination with utility owner, residents, business owners, schools and churches , carrier pipe or conduit, communication cable, electric cable joint restraint, fittings, sleeves, couplings, transition adaptors, installation, connections to existing utilities, disposal and abandonment of existing utility, tracer wire, warning tape, seeding and sodding, post construction survey, record drawings, and all incidentals and appurtenances required to complete the installation as shown and specified in the Contract Documents.
- I. Item No. 14 – Butterfly Valves:
1. Method of Measurement:
    - a. Each (EA): The quantity to be paid shall be the actual number of Butterfly Valves furnished and installed in accordance with the Contract Documents.
  2. Payment for this item shall be made at the unit price set forth on the Bid Form and shall constitute full compensation for Work specified in the Contract Documents. Payment shall include, but is not limited to, all costs for excavation, bedding, backfilling, compaction, dewatering, shoring and bracing, valve, joint restraints, support, valve box, installation of all components, disinfection, testing, post construction survey, record drawings, and all incidentals and appurtenances required to complete the installation as shown and specified in the Contract Documents.
- J. Item No. 15, 16, and 17 – Gate Valves:
1. Method of Measurement:
    - a. Each (EA): The quantity to be paid shall be the actual number of Gate Valves furnished and installed in accordance with the Contract Documents.
  2. Payment for this item shall be made at the unit price set forth on the Bid Form and shall constitute full compensation for Work specified in the Contract Documents. Payment shall include, but is not limited to, all costs for excavation, bedding, backfilling, compaction, dewatering, shoring and bracing, valve, joint restraints, support, valve box and pad, valve marker, tracer wire and test station, installation of all components, disinfection, testing, post construction survey, record drawings, and all incidentals and appurtenances required to complete the installation as shown and specified in the Contract Documents.
- K. Item No. 18 – Inspection Manhole:
1. Method of Measurement:
    - b. Each (EA): The quantity to be paid shall be the actual number of inspection

manholes furnished and installed in accordance with the Contract Documents.

2. Payment for this item shall be made at the unit price set forth on the Bid Form and shall constitute full compensation for Work specified in the Contract Documents. Payment shall include, but is not limited to, all costs for location of existing utilities, maintenance of traffic, erosion and sediment control, clearing and grubbing, protection of existing trees excavation, bedding, backfilling, compaction, dewatering, shoring and bracing, manhole structure, threaded tap, tapping saddles, ball valves, 30-inch butterfly valve, installation of valve and all components, manhole lid, grout, grading, installation of all components, post construction survey, record drawings, and all incidentals and appurtenances required to complete the installation as shown and specified in the Contract Documents.

L. Item No. 19 – Air Release Valve Assemblies:

1. Method of Measurement:
  - a. Each (EA): The quantity to be paid shall be the actual number of Air Release Valve Assemblies furnished and installed in accordance with the Contract Documents.
2. Payment for this item shall be made at the unit price set forth on the Bid Form and shall constitute full compensation for Work specified in the Contract Documents. Payment shall include, but is not limited to, all costs for excavation, bedding, backfilling, dewatering, compaction, shoring and bracing, air release valve, tapping saddle, pipe, ball valve, corporation stops, curb stop and valve box, polyethylene enclosure, enclosure bedding, guide post, tracer wire and test station box, installation of all components, supports, disinfection, testing, seeding and sodding, post construction survey, record drawings, and all incidentals and appurtenances required to complete the installation as shown and specified in the Contract Documents.

M. Item No. 20 – Fire Hydrant Assemblies:

1. Method of Measurement:
  - a. Each (EA): The quantity to be paid shall be the actual number of Fire Hydrant Assemblies furnished and installed in accordance with the Contract Documents.
2. Payment for this item shall be made at the unit price set forth on the Bid Form and shall constitute full compensation for Work specified in the Contract Documents. Payment shall include, but is not limited to, all costs for excavation, bedding, backfilling, dewatering, compaction, shoring and bracing, hydrant assembly, pipe, fittings, gate valve, valve pad and marker, installation of all components, joint restraint, painting, reflective pavement marker, disinfection, flow testing, painting of bonnets per County requirements, seeding and sodding, post construction survey, record drawings, and all incidentals and appurtenances required to complete the installation as shown and specified in the Contract Documents.

N. Item No. 21 – Altitude Valves:

1. Method of Measurement:
  - a. Each (EA): The quantity to be paid shall be the actual number of Altitude Valves (Ames 962GS or approved equal) furnished and installed in accordance with the Contract Documents.
2. Payment for this item shall be made at the unit price set forth on the Bid Form and shall

constitute full compensation for Work specified in the Contract Documents. Payment shall include, but is not limited to, all costs for altitude valve, pressure gauges, pipe supports, sense line, installation of all components, disinfection, testing, commissioning, calibration, and all incidentals and appurtenances required to complete the installation as shown and specified in the Contract Documents.

O. Item No. 22 – Connections to Existing 30" Water Main:

1. Method of Measurement:

a. Each (EA): The quantity to be paid shall be the actual number of Connections to Existing 30" Water Main completed in accordance with the Contract Documents.

2. Payment for this item shall be made at the unit price set forth on the Bid Form and shall constitute full compensation for Work specified in the Contract Documents. Payment shall include, but is not limited to, all costs for maintenance of traffic, erosion and sediment control, shutdown or access coordination with Peace River Manasota Regional Water Supply Authority (PRMRWSA), residents, business owners, schools and churches, excavation, bedding, backfilling, dewatering, compaction, shoring and bracing, fittings, sleeves, joint restraint, connection to existing 30" pipe, disinfection, flushing, testing, restoration, seeding and sodding, post construction survey, record drawings, and all incidentals and appurtenances required to complete the installation as shown and specified in the Contract Documents.

P. Item No. 23 and 24 – Water Storage Side Wall Tank Penetrations (CROM):

1. Method of Measurement:

a. Each (EA): The quantity to be paid shall be the actual number of Water Storage Tank Side Wall Penetrations completed in accordance with the Contract Documents.

2. Payment for this item shall be made at the unit price set forth on the Bid Form and shall constitute full compensation for Work specified in the Contract Documents. Payment shall include, but is not limited to, all costs for penetrating the side wall of the existing prestressed concrete water storage tank, altitude valve sense line penetrations, and all incidentals and appurtenances required to complete the installation as shown and specified in the Contract Documents. **All tank penetration work will need to be completed by CROM Corporation.**

Q. Item No. 25 – Chemical Injection Improvements:

1. Method of Measurement:

a. Lump Sum (LS): The quantity to be paid under this unit cost shall be on a lump sum basis for Chemical Injection Improvements in accordance with the Contract Documents.

2. Payment for this bid item shall be made at the unit price set forth in the Bid Form and shall constitute full compensation for Work specified in the Contract Documents. Payment shall include, but is not limited to, chemical injection piping and Teflon tubing, fittings, couplings, adaptors, valves, injection ports, pipe supports and clamps, containment piping, labels, seeding and sodding, post construction survey, record drawings, and all incidentals and appurtenances required as shown and specified in the Contract Documents.

- R. Item No. 26 – Instrumentation and Control Improvements:
1. Method of Measurement:
    - a. Lump Sum (LS): The quantity to be paid under this unit cost shall be on a lump sum basis for Instrumentation and Control Improvements in accordance with the Contract Documents.
  2. Payment for this bid item shall be made at the unit price set forth in the Bid Form and shall constitute full compensation for Work specified in the Contract Documents. Payment shall include, but is not limited to, instrumentation and control equipment, wire, cable, conduit, installation of all components, programming, commissioning, calibration, system integration, and all incidentals and appurtenances required as shown and specified in the Contract Documents.
- S. Item No. 27 – Collector Road Milling Existing Asphalt Pavement (3-1/2" Depth):
1. Method of Measurement:
    - a. Square Yards (SY): The quantity to be paid shall be the actual number of square yards of existing asphalt removed within the limits shown and specified in the Contract Documents and as required per FDOT.
    - b. Milling existing asphalt pavement outside of the limits shown and specified shall be performed by the Contractor at no additional cost to the County.
  2. Payment for this item shall be made at the unit price set forth on the Bid Form and shall constitute full compensation for Work specified in the Contract Documents. Payment shall include, but is not limited to, all costs for maintenance of traffic, erosion and sediment control, disposal of material, removal of striping, removal of pavement markings, temporary signs, access coordination or temporary pavement requirements to maintain access to residents, business owners, schools and churches, and all incidentals and appurtenances required for complete the milling of the existing asphalt as shown and specified in the Contract Documents and as required per FDOT.
- T. Item No. 28 – Collector Road Superpave Asphaltic Concrete, Traffic C:
1. Method of Measurement:
    - a. Tons (TN): The quantity to be paid shall be the actual tons of Superpave Asphaltic Concrete Pavement installed within the limits shown and specified in the Contract Documents and as required per FDOT.
    - b. Installation of superpave asphaltic concrete, Traffic C outside of the limits shown and specified shall be performed by the Contractor at no additional cost to the County.
  2. Payment for this item shall be made at the unit price set forth on the Bid Form and shall constitute full compensation for Work specified in the Contract Documents. Payment shall include, but is not limited to, all costs for maintenance of traffic, erosion and sediment control, excavation, compaction, striping, pavement markings, and all incidentals and appurtenances required for complete installation of the superpave asphaltic concrete pavement as shown and specified in the Contract Documents and as required by FDOT.
- U. Item No. 29 – Collector Road Optional Base, Base Group 9:



1. Method of Measurement:
    - a. Square Yards (SY): The quantity to be paid shall be the actual number of square yards of Optional Base, Base Group 9 installed within the limits shown and specified in the Contract Documents and as required by FDOT.
    - b. Installation of optional base, base group 09 outside of the limits shown and specified shall be performed by the Contractor at no additional cost to the County.
  2. Payment for this item shall be made at the unit price set forth on the Bid Form and shall constitute full compensation for Work specified in the Contract Documents. Payment shall include, but is not limited to, all costs for maintenance of traffic, erosion and sediment control, excavation, compaction and all incidentals and appurtenances required for complete installation of optional base, group 9 as shown and specified in the Contract Documents and as required per FDOT.
- V. Item No. 30 – Collector Road Type B Stabilization:
1. Method of Measurement:
    - a. Square Yards (SY): The quantity to be paid shall be the actual number of square yards of Type B Stabilization installed within the limits shown and specified in the Contract Documents and as required by FDOT.
    - b. Installation of Type B stabilization outside of the limits shown and specified shall be performed by the Contractor at no additional cost to the County.
  2. Payment for this item shall be made at the unit price set forth on the Bid Form and shall constitute full compensation for Work specified in the Contract Documents. Payment shall include, but is not limited to, all costs for maintenance of traffic, erosion and sediment control, excavation, compaction and all incidentals and appurtenances required for the complete installation of the Type B stabilization as shown and specified in the Contract Documents and as required by FDOT.
- W. Item No. 31 – Local Road Milling Existing Asphalt Pavement (1-1/2" Depth):
1. Method of Measurement:
    - a. Square Yards (SY): The quantity to be paid shall be the actual number of square yards of existing asphalt removed within the limits shown and specified in the Contract Documents and as required by FDOT.
    - b. Milling existing asphalt pavement outside of the limits shown and specified shall be performed by the Contractor at no additional cost to the County.
  2. Payment for this item shall be made at the unit price set forth on the Bid Form and shall constitute full compensation for Work specified in the Contract Documents. Payment shall include, but is not limited to, all costs for maintenance of traffic, erosion and sediment control, disposal of material, removal of striping, removal of pavement markings, temporary signs, access coordination or temporary pavement requirements to maintain access to residents, business owners, schools and churches, and all incidentals and appurtenances required for complete the milling of the existing asphalt as shown and specified in the Contract Documents and as required per FDOT.
- X. Item No. 32 – Local Road Superpave Asphaltic Concrete, Traffic B:
1. Method of Measurement:

- a. Tons (TN): The quantity to be paid shall be the actual number of square yards of Superpave Asphaltic Concrete Pavement installed within the limits shown and specified in the Contract Documents and as required by FDOT.
    - b. Installation of superpave asphaltic concrete, Traffic B outside of the limits shown and specified shall be performed by the Contractor at no additional cost to the County.
  - 2. Payment for this item shall be made at the unit price set forth on the Bid Form and shall constitute full compensation for Work specified in the Contract Documents. Payment shall include, but is not limited to, all costs for maintenance of traffic, erosion and sediment control, excavation, compaction, striping, pavement markings, and all incidentals and appurtenances required for complete installation of asphaltic concrete pavement as shown and specified in the Contract Documents and as required by FDOT.
- Y. Item No. 33 – Local Road Optional Base, Base Group 6:
  - 1. Method of Measurement:
    - a. Square Yards (SY): The quantity to be paid shall be the actual number of square yards of Optional Base, Base Group 9 installed within the limits shown and specified in the Contract Documents and as required by FDOT.
    - b. Installation of optional base, base group 09 outside of the limits shown and specified shall be performed by the Contractor at no additional cost to the County.
  - 2. Payment for this item shall be made at the unit price set forth on the Bid Form and shall constitute full compensation for Work specified in the Contract Documents. Payment shall include, but is not limited to, all costs for maintenance of traffic, erosion and sediment control, excavation, compaction and all incidentals and appurtenances required for the complete installation of optional base, base group 9 as shown and specified in the Contract Documents and as required by FDOT.
- Z. Item No. 34 – Local Road Type B Stabilization:
  - 1. Method of Measurement:
    - a. Square Yards (SY): The quantity to be paid shall be the actual number of square yards of Type B Stabilization installed within the limits shown and specified in the Contract Documents and as required per FDOT.
    - b. Installation of Type B stabilization outside of the limits shown and specified shall be performed by the Contractor at no additional cost to the County.
  - 2. Payment for this item shall be made at the unit price set forth on the Bid Form and shall constitute full compensation for Work specified in the Contract Documents. Payment shall include, but is not limited to, all costs for maintenance of traffic, erosion and sediment control, compaction and all incidentals and appurtenances required for the complete installation of Type B stabilization as shown and specified in the Contract Documents and as required by FDOT.
- AA. Item No. 35 – Concrete Sidewalk Restoration:
  - 1. Method of Measurement:
    - a. Square Yard (SY): The quantity to be paid shall be the actual number of square

yards of Concrete Sidewalk Restoration completed within the limits shown and specified in the Contract Documents.

- b. Restoration outside of the limits shown and specified shall be performed by the Contractor at no additional cost to the County.
2. Payment for this item shall be made at the unit price set forth on the Bid Form and shall constitute full compensation for Work specified in the Contract Documents. Payment shall include, but is not limited to, all costs for protection of existing trees, maintenance of traffic, erosion and sediment control, excavation, backfill, compaction, saw cutting and disposal of existing sidewalk, installation of concrete sidewalk, ADA compliant detectible warning strips as required, expansion joints, contraction joints, construction joints, and all incidentals and appurtenances required for complete Concrete Sidewalk Restoration as shown and specified in the Contract Documents and as required by FDOT.

BB. Item No. 36 – Driveway Restoration:

1. Method of Measurement:
  - a. Square Yard (SY): The quantity to be paid shall be the actual number of square yards of Driveway Restoration completed within the limits shown and specified in the Contract Documents.
  - b. Restoration outside of the limits shown and specified shall be performed by the Contractor at no additional cost to the County.
2. Payment for this item shall be made at the unit price set forth on the Bid Form and shall constitute full compensation for Work specified in the Contract Documents. Payment shall include, but is not limited to, all costs for maintenance of traffic, erosion and sediment control, excavation, backfill, compaction, saw cutting, removal and disposal of existing driveway surface, driveway restoration, compaction, installation and all incidentals and appurtenances required for complete Driveway Restoration as shown and specified in the Contract Documents.

CC. Item No. 37 – Concrete Curb and Gutter Restoration:

1. Method of Measurement:
  - a. Linear Foot (LF): The quantity to be paid shall be the actual number of linear feet of Concrete Curb and gutter Restoration completed in accordance with the Contract Documents.
  - b. Restoration outside of the limits shown and specified shall be performed by the Contractor at no additional cost to the County.
2. Payment for this item shall be made at the unit price set forth in the Bid Form and shall constitute full compensation for Work specified in the Contract Documents. Payment shall include, but is not limited to, all costs for maintenance of traffic, erosion and sediment control, protection of existing trees, excavation, backfill, compaction, saw cutting of existing curb and gutter, removal and disposal of existing concrete curb and gutter, formwork, reinforcement, curb and gutter restoration, and all incidentals and appurtenances required for complete Concrete Curb and Gutter Restoration as shown and specified.

DD. Item No. 38 – Flush Curb (Pump Station No.5 Driveway):

1. Method of Measurement:
  - a. Linear Foot (LF): The quantity to be paid shall be the actual number of linear feet of Flush Curb completed in accordance with the Contract Documents.
2. Payment for this item shall be made at the unit price set forth in the Bid Form and shall constitute full compensation for Work specified in the Contract Documents. Payment shall include, but is not limited to, all costs for maintenance of traffic, erosion and sediment control, protection of existing trees, formwork, reinforcement, grading, restoration, and all incidentals and appurtenances required for complete installation of flush curb as shown and specified.

EE. Item No. 39 – PVC Conduit:

1. Method of Measurement:
  - a. Linear Foot (LF): The quantity to be paid shall be the number of linear feet of PVC Conduit furnished and installed in accordance with the Contract Documents and as required per FDOT Specification 630.
  - b. Quantities measured under this item shall be for PVC Conduit and pull wire. Fiber optic cable and its installation is not included in this scope of work.
2. Payment for this item shall be made at the unit price set forth on the Bid Form and shall constitute full compensation for Work specified in the Contract Documents. Payment shall include, but is not limited to, all costs for location of existing utilities, maintenance of traffic, erosion and sediment control, clearing and grubbing, protection of existing trees, excavation, bedding, backfilling, dewatering, shoring and bracing, compaction of backfill, support of existing utilities, conduit, pull wire or mule tape, three (3) Carlon innerducts or approved equal, fittings, couplings, post construction survey, record drawings, and all incidentals and appurtenances required to complete the installation as shown and specified in the Contract Documents and as required per FDOT.

FF. Item No. 40 – Pull Boxes:

1. Method of Measurement:
  - a. Each (EA): The quantity to be paid shall be for each pull box (24"x36"x24" Quantize Pull Boxes or approved equal, with open bottoms and 20,000 lb. rated lids) furnished and installed in accordance with the Contract Documents.
2. Payment for this item shall be made at the unit price set forth on the Bid Form and shall constitute full compensation for Work specified in the Contract Documents. Payment shall include, but is not limited to, all costs for location of existing utilities, maintenance of traffic, erosion and sediment control, clearing and grubbing, protection of existing trees, excavation, bedding, backfilling, dewatering, shoring and bracing, compaction of backfill, support of existing utilities, pull boxes, installation, post construction survey, record drawings, and all incidentals and appurtenances required to complete the installation as shown and specified in the Contract Documents and as required per FDOT.

GG. Item No. 41 – Water Main (Alternate A) – Open Cut Installation:

1. Method of Measurement:

- a. Linear Foot (LF): The quantity to be paid shall be the actual number of linear feet of water main (Alternate A) furnished and installed by open cut method in accordance with the Contract Documents, measured to the nearest foot along the centerline of the pipe in the horizontal plane between the limits shown on the plans, including the lengths of valves and fittings.
2. Payment for this item shall be made at the unit price set forth on the Bid Form and shall constitute full compensation for Work specified in the Contract Documents. Payment shall include, but is not limited to, all costs for location of existing utilities, maintenance of traffic, erosion and sediment control, clearing and grubbing, protection of existing trees, removal and disposal of removal and disposal of roadway and driveway materials, excavation, bedding, backfilling, dewatering, shoring and bracing, compaction of backfill, over excavation for pipe bedding, support of existing utilities, pipe, joint restraint, fittings, sleeves, couplings, transition adaptors, polyethylene encasement on all ductile iron fittings, pipe installation, tracer wire, warning tape, water main markers, relocation of private stormwater systems, mailboxes and personal property incidental to the construction of the water main, flushing and cleaning, disinfection, testing, seeding and sodding, post construction survey, record drawings, and all incidentals and appurtenances required to complete the installation as shown and specified in the Contract Documents.

HH. Permit Fee Allowance:

1. Permit Fee Allowance will be paid at actual cost for permits required, but not identified and priced in the Contract Documents. Payment for all permit fees will be in the amount as mutually agreed to by the County and Contractor and as indicated on a recorded proof of payment document.
- II. Approved Construction Contingency Allowance – 5% of Subtotal Bid Price:
  1. This item is a contingent construction cost calculated as 5% of the Bid Schedule Sub-Total. Payment for all work included under this bid item will be in the amount mutually agreed to by the County and Contractor as indicated on a properly authorized form prepared by the Engineer and signed and dated by the Contractor, Engineer, and County.

PART 2 – PRODUCTS (NOT USED)

PART 3 – EXECUTION (NOT USED)

END OF SECTION