

SECTION 01012
MEASUREMENT AND PAYMENT
UNIT PRICE BID

PART 1 - GENERAL

1.01 DESCRIPTION

- A. This Section includes administrative and procedural requirements for determining payment for Work completed and ready for payment under the Unit Price Contract where the Unit Price Bid Form is utilized in the Applications for Payment.

1.02 RELATED SECTIONS

- A. Section 00300 – Bid Form
- B. Section 01011 – Special Project Procedures
- C. Section 01370 – Schedule of Values
- D. Other Sections as applicable.

1.03 REFERENCES

- A. Manual of Uniform Traffic Control Devices (MUTCD)
- B. FDOT Standard Specifications for Road and Bridge Construction (Standard Specifications)
- C. FDOT Design Standards for Design, Construction, Maintenance and Utility Operations in the State Highway System (Standard Indexes)
- D. FDOT Basis of Estimate
- E. Miami-Dade County's Traffic Control Equipment Specifications and Standards for The Metro Traffic Control System Miami-Dade County (TCESS).

1.04 GENERAL REQUIREMENTS

- A. Prices shall include all costs required for the completed, in-place construction of the specified unit of work. This may include but not be limited to, materials and delivery; cost of installation; incidentals; labor including social security, insurance, and other required fringe benefits; workman's compensation insurance; bond premiums; rental of equipment and machinery; taxes; testing; surveys; incidental expenses; and supervision.
- B. Installation, acceptance, and payment shall be in accordance with the REFERENCES.

- C. The Owner reserves the right to reject the Contractor's measurement of completed work that involves use of established unit prices, and to have this work measured by an independent surveyor acceptable to the Contractor at the Owner's expense.
- D. Contract Sum adjustments will be by Change Order on basis of net accumulative change for each unit price category.
 - 1. Except as otherwise specified, unit prices shall apply to both deductive and additive variations of quantities.
 - 2. Lump sum and unit prices in the Agreement shall remain in effect until date of final completion of the entire Work.
- E. Partial payment for material and equipment properly stored and protected will be made in accordance with requirements of the General Conditions.
- F. Abbreviations:
 - 1. Acre - AC
 - 2. Allowance - AL
 - 3. Assembly - AS
 - 4. Cubic Yard - CY
 - 5. Each - EA
 - 6. Furnish and Install - F & I
 - 7. Gallons - GA
 - 8. Gross Mile - GM
 - 9. Linear Feet - LF
 - 10. Lump Sum - LS
 - 11. Million Gallons - MG
 - 12. Net Mile - NM
 - 13. Square Foot - SF
 - 14. Square Yard - SY
 - 15. Ton - TN

1.05 MEASUREMENT AND PAYMENT

- A. Payment shall constitute full compensation and will be made as indicated in the General Conditions.
- B. The quantity approved for payment shall be either:
 - 1. Percentage of the Lump Sum Price - A percentage of the Lump Sum Price equivalent to the percentage of the project completion as determined by the Engineer as of the date of the pay request submitted. The percent completion of the project shall be based on the percent of the total project actually constructed and not on the percent of the Contract price completed.

2. Measured Quantities - The actual quantities in-place and accepted as measured by the Engineer on the date of the pay request submitted in the units specified in the bid form or schedule of values.

1.06 PROTECTION

- A. Where pavement, pipes, valves, appurtenances, trees, shrubbery, fences, other property or structures are in proximity to the WORK, adequate protection shall be provided. Such protection is considered incidental to construction and shall not be assigned to any pay item.

1.07 RESTORATION

- A. Where pavement, pipes, valves, structures, appurtenances, trees, shrubbery, fences, other property or structures not designated as pay items, have been damaged, removed or disturbed by the Contractor, whether deliberately or through failure to carry out the requirements of the Contract Documents, state laws, municipal ordinances or the specific direction of the Engineer, or through failure to employ usual and reasonable safeguards, such property and surface structures shall be replaced or repaired at the expense of the Contractor to a condition equal to that before work began within a time frame approved by the Engineer. Such restoration is considered incidental to construction and shall not be assigned to any pay item.

PART 2 - PRODUCTS (NOT APPLICABLE)

PART 3 - EXECUTION

3.01 BID ITEMS 1 TO 22

- A. Payment for this item shall be made on a Unit Cost Basis. The Contractor's unit price shall include full compensation for all supervision, labor, equipment, and materials required to complete the work in accordance with the plans and specifications. This unit pricing includes MOBILIZATION, MAINTENANCE OF TRAFFIC, INLET PROTECTION SYSTEM, CLEARING & GRUBING, CONCRETE SIDEWALK AND DRIVEWAYS 4" THICK (INCLUDES REMOVAL AND REPAIRS), CONDUIT (F&I) (OPEN TRENCH), CONDUIT (F&I) (DIRECTIONAL BORE), SIGNAL CABLE REPAIR/REPLACE/OTHER (F&I), PULL & SPLICE BOX (F&I) (13" X 24" COVER SIZE), ALUMINUM SIGNALS POLE (F&I), ALUMINUM SIGNALS POLE (REMOVE), PEDESTRIAN SIGNAL (F&I) (LED-COUNTDOWN) (1 WAY), PEDESTRIAN SIGNAL (F&I) (LED-COUNTDOWN) (2- WAYS), PEDESTRIAN SIGNAL (RELOCATE), SIGNAL PEDESTRIAN (REMOVE), LOOP DETECTOR INDUCTIVE TYPE I (F&I), LOOP ASSEMBLY TYPE A (F&I), VEHICLE DETECTION SYSTEM (VIDEO) (F&I)(INSTALL CABINET EQUIPMENT),VEHICLE DETECTION SYSTEM (VIDEO) (F&I) (ABOVE GROUND EQUIPMENT), PEDESTRIAN DETECTOR (F&I) (POLE MOUNTED) (INCLUDES R10-03 SIGN), PEDESTRIAN DETECTOR (REMOVE), TRAFFIC CONTROLLER ASSEMBLY (MODIFY) as indicated on the plans and specifications

3.02 TOWN OF SURFSIDE PUBLIC WORKS PERMIT FEE- BID ITEM NO. 23

- A. Payment for Town of Surfside Public Works Permit Fee shall be made at the actual amount of the permit fee as established by the Town and shown on the BID FORM.

END OF SECTION