SECTION 01200

MEASUREMENT AND PAYMENT

PART 1 - GENERAL

1.01 SECTION INCLUDES

1.02 Measurement Authority
1.03 Unit Quantities Specified
1.04 Schedule of Unit Price Items

1.02 MEASUREMENT AUTHORITY

A. Measurement: The Contractor will take all measurements and compute quantities accordingly.

B. Assistance: Fairfax Water's Authorized Representative shall verify all measurements and computations.

1.03 UNIT QUANTITIES SPECIFIED

A. Quantities: Quantities and measurements indicated in the Bid Form are for bidding and contract purposes only. Quantities and measurements supplied or placed in the Work, verified by Fairfax Water's Authorized Representative shall determine the payment.

B. Actual Work: If the actual Work requires more or fewer quantities than those quantities indicated, the required quantities shall be provided at the unit prices contracted. Some items for which unit prices have been requested may not be used during the term of the Contract.

C. Units of Work: The intention of the unit prices is to provide a complete, functioning unit which may include Work from several Specification Sections. All the Work which is required or which can reasonably be inferred to be required in a unit price item to deliver a complete, functioning unit shall be included.

1.04 SCHEDULE OF UNIT PRICE ITEMS

A. Permanent Pavement
   1. Item Description:
      a. 4" Asphalt Concrete Pavement Replacement w/removal
      b. 6" Asphalt Concrete Pavement Replacement w/removal
      c. 8" Asphalt Concrete Pavement Replacement w/removal
      d. 10" Asphalt Concrete Pavement Replacement w/removal
      e. 12" Asphalt Concrete Pavement Replacement w/removal
      f. Additional Asphalt Concrete Pavement Replacement Greater than 12"

g. 1” Asphalt Concrete Surface Course Pavement Overlay
h. 1” Pavement Milling of Existing Surfaces
i. Pavement Line Markings (VDOT Approved Paint)
j. Pavement Line Markings (VDOT Approved Thermoplastic)
k. 2” Asphalt Concrete Surface Course Pavement
l. 4” Asphalt Concrete Surface Course Pavement
m. 6” Asphalt Concrete Surface Course Pavement
n. 8” Asphalt Concrete Surface Course Pavement
o. 10” Asphalt Concrete Surface Course Pavement
p. 12” Asphalt Concrete Surface Course Pavement
q. 4” Asphalt Concrete Base Course Pavement
r. 6” Asphalt Concrete Base Course Pavement
s. 8” Asphalt Concrete Base Course Pavement
t. 10” Asphalt Concrete Base Course Pavement

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2. Work Includes:
   a. For Items a through e above the unit price shall include the full depth removal and disposal of existing asphalt and subbase within the area to be repaired necessary for the installation of asphalt concrete replacement along with all necessary surface, base, and subbase courses as specified in Section 02700, or as directed.
   b. Furnish and install the required pavement thickness in accordance with the requirements of Section 02700, Paving and Surfacing.
   c. Items f through h and k through t above shall be paid for only those areas specifically directed by Fairfax Water.
   d. Disposal of spoils from milling shall be included in the unit price for Item h above.

3. Unit of Measure: Square yards of asphalt concrete placed for Items a through e and k through t. Square yards per inch of asphalt concrete placed for Items f through g. Square yards per inch of existing surface planed or milled in preparation for repair or overlay for Item h. Linear feet for pavement line markings for Item i and j.
   a. Pavement limits for payment are in accordance with the requirements of Section 02700 or as required by VDOT, or as otherwise directed by Fairfax Water.

4. No payment will be made for pavement placed beyond the limits specified or shown.

B. Concrete Sidewalk, Driveway and Valley Gutter Replacement
1. Item Description:
   a. Concrete Sidewalk Replacement
   b. Concrete Driveway and Valley Gutter Replacement.

2. Work Includes:
   a. Furnish and install concrete in accordance with VDOT specifications, or as otherwise directed.

b. Price includes removal and disposal of existing concrete sidewalk, driveway and valley gutter where required.

3. Unit of Measure:
   a. Concrete sidewalk replacement shall be measured in square yards.
   b. Concrete driveway and valley gutter replacement shall be measured in square yards.

4. No payment will be made for replacement sidewalk or driveway and valley gutter beyond the specified limits and as defined above.

C. Concrete Curb and Gutter Replacement
   1. Work Includes: Furnish and install concrete to replace concrete curb and gutter removed or damaged due to construction in accordance with VDOT specifications, or as otherwise directed by Fairfax Water. Price includes removal and disposal of existing concrete curb and gutter where required.

   2. Unit of Measure: Linear foot of curb and gutter replaced, measured in place along the face of the curb.

   3. No payment will be made for concrete curb and gutter replaced beyond the specified limits and as defined above.

D. 21-A Stone
   1. Work Includes: Furnish and install 21-A stone as a subbase in accordance with VDOT specifications, or as otherwise directed by Fairfax Water.

   2. Unit of Measure: Ton of stone placed

   3. No payment will be made for stone placed beyond the limits specified or shown.

E. Conformity with Contract Documents: It is the intent of the Contract Documents that all materials to be incorporated in the work and all construction work produced will be in close conformity with the specified values or ranges in values set forth for them in the Contract Documents. Less than exact or complete conformity may be tolerated in instances where obtaining exact or complete conformity would not be feasible, and when authorized by Fairfax Water.

   1. Permissible tolerances for elevation of top of earthwork and the thickness of the several courses of select material, subbases and bases are specified in the various sections of the Contract Documents. When permissible tolerances are exceeded or in the event consistent deviations from plans or abrupt changes in grade occur, even though within the tolerances, the affected areas shall be reconstructed so as to conform to the specified tolerance and provide a smooth riding surface.

2. When it is not feasible to reconstruct the areas where the permissive tolerances have been exceeded, payment will be made in accordance with the applicable specification for each material placed.

END OF SECTION 01200