

**SECTION 01000
SPECIAL PROVISIONS**

Modify the Cedar Rapids Metropolitan Area Standard Specifications for Public Improvements with the following:

Please Note: The Cedar Rapids Metropolitan Standard Specifications have been revised. Effective Monday, June 2nd, 2014, and until further notice, revised sections shall be used in lieu of previous versions on all Public Works and Utilities Department projects.

SECTION 01025 MEASUREMENT AND PAYMENT

The following Standard Bid Items to the Measurement and Payment Items are modified:

01100-10 Construction Surveys

To be paid on a lump sum basis and includes the following items:

- Verifying existing street elevations.
- Identifying deviations from contract documents discovered while verifying existing elevations and reporting the same to the Engineer.
- Checking survey control point in contract documents and providing a letter, signed by a licensed professional land surveyor, stating whether or not said surveyor:
 - Concurs with the survey control points;
 - Accepts their accuracy and correctness; and
 - Whether or not the surveyor is willing to use them for construction staking on the project
- Setting additional control points as necessary prior to construction.
- Electronic cadd or other coordinate data files will not be provided.
- Staking pavement removal limits.
- Resetting existing survey monuments disturbed during construction.

01200-01 Traffic Control

To be paid on a lump sum basis. The progress payment made for this item will be proportionate with the completion of the traffic control required to complete the Work as set forth in the Contract Documents.

01300-10 Silt Fence

To be paid on a lineal basis as measured by the Engineer. 75% of the bid item will be paid when installed and 25% of the bid item will be paid upon removal. Prices shall include installation, maintenance and removal. Project bid quantity includes a five percent (5%) contingency.

02400-31 Debris Grate Assembly

This item is for the procurement and installation for the debris grate as indicated on the Contract Documents. This item shall include the furnishings of all materials, tools, labor, and equipment necessary to complete the work. Materials include 1-inch diameter steel bars, the angle iron support, bolts, and any other material deemed necessary.

02400-41 Area Intake Casting, SW-605 Type 4B

This item is for the procurement and installation for the SW-605 Type 4B casting. Removal and disposal of the existing casting is incidental to this item. Removal and disposal of existing debris within the area intake catch basin is incidental to this item.

02600-01 Revetment, Class "E" Rip-Rap

To be paid on a weight basis as measured by the Engineer. Excavation associated with the installation of the revetment, disposal of the excavated material, and base material are incidental to this item. Placement of the revetment material in accordance with the Contract Documents is incidental. Providing and placing engineering fabric in accordance with the Contract Documents is incidental. Project bid quantity includes a five percent (5%) contingency.

02900-30 Grading and Seeding, Type 1A Sunny Conditions

To be paid on an area basis as measured by the Engineer for the limits shown in the Contract Documents. Repair of adjacent areas disturbed by seeding, fertilizing, and mulching operations; seedbed preparation; weeding; seeding and mulching; and fertilizing and lime application are incidental. Temporary seeding in areas where land disturbance has occurred outside of the permanent seeding dates as specified in the Contract Documents shall be incidental to this item. Project bid quantity includes a five percent (5%) contingency.

02900-40 Wood Excelsior Mat

To be paid on an area basis as measured by the Engineer for the limits shown in the Contract Documents. No payment will be made for the required overlap. Wire staples are incidental. Bid quantity includes mat to be placed after temporary seeding and after permanent seeding. Removal and disposal of mat prior to permanent seeding is incidental. Project bid quantity includes a five percent (5%) contingency.

SECTION 02600 – MISCELLANEOUS SEWER AND WATER CONSTRUCTION

PART 2 EXECUTION

REVISE

2.04 - Revetment

- A. Slopes to be protected by revetment shall be free of brush, trees, stumps, and other objectionable materials and shall be dressed to a smooth surface.
- B. The Contractor shall shape the areas upon which the revetment is to be placed such that the revetment surface shall conform to the lines and grades indicated in the Contract Documents.
- C. Class E revetment stone and geotextile shall be furnished and installed by the Contractor. Geotextile material shall not be damaged or slip during revetment placement.
- D. Class E revetment stone shall be placed on embankments from the toe of slope at the bottom to the toe of slope at the top. Geotextile shall anchor into the placed stone as shown in the Contract Documents.

- E.** The Contractor shall place Class E revetment stone on the prepared slope or area in a manner which will produce a reasonably well-graded mass of stone with the minimum practicable percentage of voids as determined by the Engineer. Revetment shall be placed to its full course thickness at one operation and in such a manner as to avoid displacing the underlying material. Placing of revetment by methods that cause segregation of materials shall not be permitted.
- F.** Larger stones shall be well distributed and the entire mass of stone shall conform to the gradation specified in the Contract Documents.
- G.** It is the intent of these specifications to produce a fairly compact revetment in which all sizes of material are placed in their proper proportions. Hand placing or rearranging of individual stones by mechanical equipment may be required to the extent necessary to secure specified results.
- H.** Revetment shall be placed in conjunction with the grading of the embankment with only sufficient lag in construction of the revetment as may be necessary to allow for proper construction of the portion of the embankment. Embankment material and revetment material that is displaced during construction shall be replaced at no additional cost to the City.
- I.** Geotextile shall be installed in accordance with the manufacturer's requirements. Geotextile shall be protected from punching, cutting, or tearing. Any damage other than an occasional small hole shall be repaired by placing another piece of geotextile over the damaged piece or by completely replacing the geotextile. All geotextile overlaps, whether for repairs or for joining two pieces of geotextile, shall be a minimum of one foot.
- J.** Contractor shall limit exposure of geotextile to ultraviolet light. Geotextile exposure shall not exceed 30 days for a given panel during construction.

END OF SECTION 01000