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**SECTION 02010  
STRAW BALE FENCE**

**PART I: GENERAL**

**1.1 GENERAL REQUIREMENTS**

- A. Requirements for the installation of erosion and sedimentation control straw bale fences utilized during construction and prior to the final development of the site.

**1.2 MEASUREMENT AND PAYMENT**

- A. Unit Prices:
  - 1. Payment for straw bale fence shall be on a unit price basis. Unit price includes cost of straw bale fence, staking poles, ditching, and reinforcing. Maintenance during construction and removal of fence are incidental to installation and there shall be no separate pay for these items.
  - 2. Refer to Section 01270 – Measurement and Payment for unit price procedures.
- B. Stipulated Price (Lump Sum):
  - 1. If Contract is Stipulated Price Contract, payment for work in this Section shall be included in Total Stipulated Price.

**1.3 REFERENCES**

- A. CFTS – City of Friendswood Technical Specifications.

**PART II: PRODUCTS**

**2.1 STRAW BALES**

- A. Use straw bales bound by either wire, nylon or poly-propylene rope tied across the straw bales.
- B. Do not use straw bales bound with jute, cotton rope or twine.

**2.2 ANCHOR STAKES**

- A. Bales shall be anchored using three-eighths inch (3/8 In) diameter reinforcing steel bars.
- B. Length of bar shall be thickness of straw bale plus two feet (2 Ft).

**PART III: EXECUTION**

**3.1 GENERAL**

- A. Except if otherwise directed or otherwise shown on the Drawings provide straw bale fences to prevent erosion and control sedimentation.
- B. Maintain straw bale fences until the project is accepted by the City.

- C. At City's option, straw bale fences may remain in place after acceptance.
- D. Maintenance and removal of straw bale fences shall comply with all requirements as specified in Section 02000 – Erosion Control Systems.

**3.2 CONSTRUCTION METHODS**

- A. Excavate four inches (4 In) of material to embed each straw bale in the soil.
- B. Anchor bales securely by driving anchor stakes through the bales and at least two feet (2 Ft) into the ground below the bale.
- C. The first (1st) stake in each bale shall be angled toward the previously laid bale to force bales together.
- D. Fill any gaps between bales with straw to prevent unfiltered runoff from escaping between the bales.
- E. Wedge straw in gaps carefully so as not to separate bales.

**END OF SECTION**