

SECTION TABLE OF CONTENTS

DIVISION 01 - GENERAL REQUIREMENTS

SECTION 01270A

MEASUREMENT AND PAYMENT

02/94

PART 1 GENERAL

1.1 LUMP SUM PAYMENT ITEMS

- 1.1.1 Item 1- Construction Survey and Staking
 - 1.1.1.1 Payment
 - 1.1.1.2 Unit of Measure
- 1.1.2 Item 2 - Clearing, Grubbing and Demolition
 - 1.1.2.1 Payment
 - 1.1.2.2 Unit of Measure
- 1.1.3 Item 3 - Wetland Marsh Construction
 - 1.1.3.1 Payment
 - 1.1.3.2 Unit of Measure
- 1.1.4 Item 4 - Wetland Marsh Recirculation System
 - 1.1.4.1 Payment
 - 1.1.4.2 Unit of Measure
- 1.1.5 Item 20 - Entry Drive and Parking Lot Area>
 - 1.1.5.1 Payment
 - 1.1.5.2 Unit of Measure
- 1.1.6 Item 5 - Electrical Power Supply
 - 1.1.6.1 Payment
 - 1.1.6.2 Unit of Measure
- 1.1.7 Item 6 - Electrical Power Distribution System
 - 1.1.7.1 Payment
 - 1.1.7.2 Unit of Measure
- 1.1.8 Item 7 - Control System for Wetland Marsh Level Controls
 - 1.1.8.1 Payment
 - 1.1.8.2 Unit of Measure
- 1.1.9 Item 10 - Irrigation Control Systemm
 - 1.1.9.1 Payment
 - 1.1.9.2 Unit of Measure
- 1.1.10 Item 11 - Boring / Installation of 6" Diameter Sleeve at Curry Road
 - 1.1.10.1 Payment
 - 1.1.10.2 Unit of Measure
- 1.1.11 Item 12 - Irrigation Piping System
 - 1.1.11.1 Payment
 - 1.1.11.2 Unit of Measure
- 1.1.12 Item 21 - Overlook Ramada Area
 - 1.1.12.1 Payment
 - 1.1.12.2 Unit of Measure
- 1.1.13 Item 13 - Removal of Existing Pathss

- 1.1.13.1 Payment
- 1.1.13.2 Unit of Measure
- 1.1.14 Item 16 - Traffic Control Signss
 - 1.1.14.1 Payment
 - 1.1.14.2 Unit of Measure
- 1.1.15 Item 17 - Initial Landscape, Irrigation, and Site Maintenancee
 - 1.1.15.1 Payment
 - 1.1.15.2 Unit of Measure
- 1.1.16 Item 08 - Landscaping
 - 1.1.16.1 Payment
 - 1.1.16.2 Unit of Measure
- 1.1.17 Item 19 - McKellips Road Bridge Downstream to Sta. 36+00 (See Plan Sheet G-4)
 - 1.1.17.1 Payment
 - 1.1.17.2 Unit of Measure
- 1.2 Item 09 - Hydroseeding
 - 1.2.1 Payment
 - 1.2.2 Unit of Measure
- 1.3 Item 15 - CMU Flood Walls
 - 1.3.1 Payment
 - 1.3.2 Unit of Measure
- 1.4 UNIT PRICE PAYMENT ITEMS
 - 1.4.1 Item 14 - New Portland Cement Concrete Multi-Use Path and Cart Pathh
 - 1.4.1.1 Payment
 - 1.4.1.2 Measurement
 - 1.4.1.3 Unit of Measure
 - 1.4.2 Item 18 - Cobble Surfacing at Wetland Marsh Perimeterr
 - 1.4.2.1 Payment
 - 1.4.2.2 Measurement
 - 1.4.2.3 Unit of Measure

PART 2 PRODUCTS (Not Applicable)

PART 3 EXECUTION (Not Applicable)

-- End of Section Table of Contents --

SECTION 01270A

MEASUREMENT AND PAYMENT

02/94

PART 1 GENERAL

1.1 LUMP SUM PAYMENT ITEMS

Payment items for the work of this contract for which contract lump sum payments will be made are listed in the BIDDING SCHEDULE and described below. All costs for items of work, which are not specifically mentioned to be included in a particular lump sum or unit price payment item, shall be included in the listed lump sum item most closely associated with the work involved. The lump sum price and payment made for each item listed shall constitute full compensation for furnishing all plant, labor, materials, and equipment, and performing any associated Contractor quality control, environmental protection, meeting safety requirements, tests and reports, and for performing all work required for which separate payment is not otherwise provided.

1.1.1 Item 1- Construction Survey and Staking

1.1.1.1 Payment

Payment will be made for costs associated with the Contractor provided construction survey and staking work as required for the project.

1.1.1.2 Unit of Measure

Unit of measure: lump sum.

1.1.2 Item 2 - Clearing, Grubbing and Demolition

1.1.2.1 Payment

Payment will be made for costs associated with clearing, grubbing, demolition, and required protection of existing improvements as shown on the project plans and as required by the project specifications. Includes all noted or required demolition except as provided for in other bid items.

1.1.2.2 Unit of Measure

Unit of measure: lump sum.

1.1.3 Item 3 - Wetland Marsh Construction

1.1.3.1 Payment

Payment will be made for costs associated with the construction of overflow structures as shown on the project plans and as required by the project specifications, which payment shall constitute full compensation for all labor, materials, equipment and tools required to complete the work, including excavation, export and disposal of excess soil material; placement and grading of backfill material above the (buried) soil liner; supply, installation, grading, compaction, and testing of a treated soil liner.

1.1.3.2 Unit of Measure

Unit of measure: lump sum.

1.1.4 Item 4 - Wetland Marsh Recirculation System

1.1.4.1 Payment

Payment will be made for costs associated with the Wetland Marsh Recirculating System as shown on the project plans and as required by the project specifications, which payment shall constitute full compensation for all labor, materials, equipment and tools required to complete the work, including wetland marsh recirculation pumps, pump vaults, system intake line, force main, make-up water force main, bleed-off pipelines, equalization line, valve assemblies, access boxes, sleeves, covers, other incidental items, and including all required trenching, backfill, compaction, and testing work, complete in place.

1.1.4.2 Unit of Measure

Unit of measure: lump sum.

1.1.5 Item 20 - Entry Drive and Parking Lot Area>

1.1.5.1 Payment

Payment will be made for costs associated with the Entry Drive and Parking Lot as shown on the project plans and as required by the project specifications, which payment shall constitute full compensation for all labor, materials, equipment and tools required to complete the work, including all subgrade preparation, grading, aggregate base course, asphaltic concrete pavement (surface course), concrete curbs, accessible curb ramps, and all associated construction and testing work, the installation of parking lot and entry drive pavement markings (stripes, symbols, stop bars, etc.) as shown on the project plans and as required by the project specifications, the excavation, grading, and other features of the parking lot stormwater detention basin as shown on the project plans and as required by the project specifications, the supply, installation, and testing of the parking lot lighting system as shown on the project plans and as required by the project specifications, the construction of drainage scuppers as shown on the project plans and as required by the project specifications, complete in place.

1.1.5.2 Unit of Measure

Unit of measure: lump sum.

1.1.6 Item 5 - Electrical Power Supply

1.1.6.1 Payment

Payment will be made for costs associated with supply, installation, and testing of all materials and equipment associated with the project electrical power supply as shown on the project plans and as required by the project specifications.

1.1.6.2 Unit of Measure

Unit of measure: lump sum.

1.1.7 Item 6 - Electrical Power Distribution System

1.1.7.1 Payment

Payment will be made for costs associated with the trench excavation, backfill, compaction, conduit and pull box installation, electrical conductor installation, and the testing of the electrical power distribution system as shown on the project plans and as required by the project specifications.

1.1.7.2 Unit of Measure

Unit of measure: lump sum.

1.1.8 Item 7 - Control System
for Wetland Marsh Level Controls

1.1.8.1 Payment

Payment will be made for costs associated with the supply, installation, and testing of the wetland marsh water level control system as shown on the project plans and as required by the project specifications.

1.1.8.2 Unit of Measure

Unit of measure: lump sum.

1.1.9 Item 10 - Irrigation
Control Systemmm

1.1.9.1 Payment

Payment will be made for costs associated with the supply, installation, testing, of the irrigation control system as shown on the project plans and as required by the project specifications.

1.1.9.2 Unit of Measure

Unit of measure: lump sum.

1.1.10 Item 11 - Boring / Installation of 6" Diameter Sleeve at Curry Road

1.1.10.1 Payment

Payment will be made for costs associated with the installation of the 6" sleeve under Curry Road as shown on the project plans and as required by the project specifications.

1.1.10.2 Unit of Measure

Unit of Measure: lump sum

1.1.11 Item 12 - Irrigation Piping System

1.1.11.1 Payment

Payment will be made for costs associated with the Irrigation Piping System as shown on the project plans and as required by the project specifications, which payment shall constitute full compensation for all labor, materials, equipment and tools required to complete the work, including supply, installation, and testing of the irrigation mainlines, gate valve assemblies, ball valve assemblies, quick-coupling valve

assemblies, remote control valve assemblies (1" size), irrigation lateral pipelines, lateral flush cap assemblies, single-outlet emitter assemblies, and multi-outlet emitter assemblies, complete in place.

1.1.11.2 Unit of Measure

Unit of Measure: lump sum

1.1.12 Item 21 - Overlook Ramada Area

1.1.12.1 Payment

Payment will be made for costs associated for the Overlook Ramada and appurtenances as shown on the project plans and as required by the project specifications, which payment shall constitute full compensation for all labor, materials, equipment and tools required to complete the work, including the furnishing of shop drawings and other engineering documents, the supply, installation, and finishing of the ramada structure; supply and installation of a drinking fountain and associated potable water service and backflow preventer; compaction of the associated soil backfill material; supply and installation of cast-in-place concrete headers, precast concrete unit pavement, decorative metal fencing, metal benches, bicycle racks and trash receptacles, complete in place.

1.1.12.2 Unit of Measure

Unit of measure: lump sum.

1.1.13 Item 13 - Removal of Existing Pathss

1.1.13.1 Payment

Payment will be made for costs associated with the Removal of Existing Paths, which payment shall constitute full compensation for all labor, materials, equipment and tools required to complete the work, including the demolition and removal from the site of designated portions of the existing asphaltic concrete and/or portland cement concrete multi-use path on the west levee, south of Curry Road; and the demolition and removal from the site of designated portions of the existing portland cement concrete cart path through the low-flow channel north of Curry Road; and the removal of other existing path segments as shown on the project plans and as required by the project specifications.

1.1.13.2 Unit of Measure

Unit of Measure: lump sum.

1.1.14 Item 16 - Traffic Control Signss

1.1.14.1 Payment

Payment will be made for costs associated with the supply and installation of Traffic Control Signs and associated posts, including bicycle and motor vehicle signs, handicapped parking space signs, and the relocation of all existing flood control signs as shown on the project plans or as required by the project specifications, complete in place.

1.1.14.2 Unit of Measure

Unit of measure: lump sum.

1.1.15 Item 17 - Initial
Landscape, Irrigation, and Site Maintenance

1.1.15.1 Payment

Payment will be made for costs associated with the initial 180 day landscape, irrigation, and site maintenance period as noted on the project plans and as required by the project specifications.

1.1.15.2 Unit of Measure

Unit of measure: lump sum.

1.1.16 Item 08 - Landscaping

1.1.16.1 Payment

Payment will be made for costs associated with the Landscaping as shown on the project plans and as required by the project specifications, which payment shall constitute full compensation for all labor, materials, equipment for furnishing, transporting, and installing the landscaping constituting full compensation for obtaining plants which include 24" box size trees, 15 gallon box size trees, 5 gallon container size shrubs, and 1 gallon container size shrubs, aquatic plants, tree staking, pole planting backfilling, soil preparation and plant establishment, as required

1.1.16.2 Unit of Measure

Unit of measure: lump sum.

1.1.17 Item 19 - McKellips Road Bridge Downstream to Sta. 36+00 (See Plan Sheet G-4)

1.1.17.1 Payment

Payment will be made for costs associated with operations necessary for providing all labor, materials, and equipment and tools for furnishing, transporting, and installing the landscaping and hydroseeding constituting full compensation for obtaining plants, backfilling, soil preparation and plant establishment, as specified. Also, payment will be made for costs associated with the irrigation piping system as shown on the project plans and as required by the project specifications, which payment shall constitute full compensation for all labor, materials, equipment and tools required to complete the work, including supply, installation, and testing of the irrigation mainlines and lateral lines, lateral flush cap assemblies, single-outlet and multi-outlet emitter assemblies, complete in place.

1.1.17.2 Unit of Measure

Unit of measure: lump sum.

1.2 Item 09 - Hydroseeding

1.2.1 Payment

Payment will be made for costs associated with the supply and installation of hydroseeding and the establishment of hydroseeded areas as shown on the project plans and as required by the project specifications, including surface preparation complete in place.

1.2.2 Unit of Measure

Unit of Measure: lump sum

1.3 Item 15 - CMU Flood Walls

1.3.1 Payment

Payment will be made for costs associated with the supply and installation of the CMU Flood Walls as shown on the project plans and as required by the project specifications, including CMU wall installed, inclusive of all excavation, backfill, footing construction, and related work, complete in place.

1.3.2 Unit of Measure

Unit of Measure: lumpsum

1.4 UNIT PRICE PAYMENT ITEMS

Payment items for the work of this contract on which the contract unit price payments will be made are listed in the BIDDING SCHEDULE and described below. The unit price and payment made for each item listed shall constitute full compensation for furnishing all plant, labor, materials, and equipment, and performing any associated Contractor quality control, environmental protection, meeting safety requirements, tests and reports, and for performing all work required for each of the unit price items.

1.4.1 Item 14 - New Portland Cement Concrete Multi-Use Path and Cart Pathh

1.4.1.1 Payment

Payment will be made for costs associated with the construction, finishing, and curing of new portland cement concrete paths (multi-use paths and cart paths) as shown on the project plans and as required by the project specifications.

1.4.1.2 Measurement

The total quantity of new portland cement concrete multi-use path and cart path will be measured as the surface area of the new path, complete-in-place.

1.4.1.3 Unit of Measure

Unit of Measure: square feet

1.4.2 Item 18 - Cobble

Surfacing at Wetland Marsh Perimeterr

1.4.2.1 Payment

Payment will be made for costs associated with the installation of river rock cobble surfacing at the perimeter for the Wetland Marsh perimeter as shown on the project plans and as required by the project specifications.

1.4.2.2 Measurement

The total quantity of cobble surfacing will be measured as the surface area of the cobble installed, complete-in-place.

1.4.2.3 Unit of Measure

Unit of Measure: square feet

PART 2 PRODUCTS (Not Applicable)

PART 3 EXECUTION (Not Applicable)

-- End of Section --