

City of Glenwood Springs  
Procurement Department  
101 West 8<sup>th</sup> Street  
Glenwood Springs, Colorado 81601



**ADDENDUM NUMBER THREE FOR  
7<sup>th</sup> STREET SANITARY SEWER AND  
STREETSCAPE BEAUTIFICATION PROJECT  
BID NUMBER BD 2018-054**

**THIS ADDENDUM MUST BE ACKNOWLEDGED.**

**THIS ADDENDUM SHALL BECOME A PART OF THIS SOLICITATION.**

**The following information is being added or amended as indicated as a part of the Invitation to Bid:**

1. Please clarify if sewer testing of the main is to be performed via low pressure pneumatic testing of the main line with plugged service wyes for the new and existing services, requiring subsequent connection of the service lines, or if the services are to be connected during main line construction which would impede testing.

**Response: The main is to be pressure tested. This testing should be completed in phases in between manhole installations so that the services can be connected as soon as possible.**
2. The bid form lists a quantity of 2 for 33A: Reconnect Sanitary Sewer Service. Drawing C.3A shows three reconnections. Please verify which quantity is correct, and if only two, which on the drawing is not required.

**Response: The quantity has been increased to 3.**
3. What testing will be required for the water services?

**Response: Water services shall be purged, the shutoff valve closed, and connections/joints drip tested (observed) for leakage.**
4. Will geotechnical testing be required on flowfill?

**Response: Flowfill shall be tested in accordance with CDOT Revision of Section 206 (latest revision) which can be downloaded at [www.codot.gov/business/designsupport/cdot-construction-specifications/2017-construction-standard-specs/rev-ssp/rev-secs200-500-ssp/206sbff.docx/view](http://www.codot.gov/business/designsupport/cdot-construction-specifications/2017-construction-standard-specs/rev-ssp/rev-secs200-500-ssp/206sbff.docx/view).**
5. Does the handrail on the concrete wall need to be constructed with a radius or with straight rails and shorter sections? If straight, please dictate a section length for the alignment.

**Response: The railing does not have to be curved/radial but can be constructed in symmetrical straight sections. In reviewing the wall geometry, it is suggested that the E/W straight section have 6' to 9' symmetrical spacing between posts, the radial section have 4' to 5' spacing between posts and the N/S section have 5' spacing between posts.**

6. Due to variable and uncertain pricing on steel, 90 day price guarantees on steel fabrication items will necessarily include price escalation contingency. 15 day price guarantee can be given for steel, after which contingency could be included in the fabrication pricing. Please indicate for how long steel prices should be guaranteed for the bid.

**Response: The guarantee shall be for 90 days to accommodate bid review, negotiating, Council approval and shop drawing preparation/review.**

7. In order to verify level of effort for the stone (snap) pavers, please verify that ¼" joints will be required for the granite stone pavers in sidewalk areas. The snap pavers that were placed under City supervision under the Grand Ave Bridge have ½" joints in most areas, and the masonry subcontractor had to manually chip the stones to achieve the ½" tolerance. Will that finished product be acceptable or will tighter joints be enforced?

**Response: ADA and PROWAG guidelines require openings (joints) to be ½" maximum, BUT also require that the long dimension of the opening be perpendicular to the dominant direction of travel for a ½" maximum joint. For the most part, the stone band patterning does not align the long joint dimension perpendicular to the dominant direction of travel. Therefore, the joint spacing has been reduced in an effort to balance out the conflict. Boundaries Unlimited Inc. has revised project specification 02780-Unit and Flagstone Pavers to adjust the maximum mortar set joint spacing to 3/8", add a sealer for stone/concrete pavers, define grout material/colors and better clarify the execution and installation requirements. The revised specification is attached.**

8. The clay brick pavers in the roadway have been revised for Relieved Edges. Please see the revised specification 02780-Unit and Flagstone Pavers and revised Bid Schedule, attached.
9. The Bid Schedule has been revised to include sealer for stone/concrete pavers and move the asphalt and tack coat from Item #42A-Asphalt Edge Matching (T-Top) to #41A-2" Hot Mix Asphalt.

**This addendum must be acknowledged.**

**This Addendum may be faxed to 970/945-2597, submitted to [bidresponse@cogs.us](mailto:bidresponse@cogs.us) (include BD2018-054 in the subject line), or be included with your bid submittal.**

PRINT OR TYPE YOUR INFORMATION

Name of Company: \_\_\_\_\_ Fax: \_\_\_\_\_  
Address: \_\_\_\_\_ City/State: \_\_\_\_\_ Zip: \_\_\_\_\_  
Contact Person: \_\_\_\_\_ Title: \_\_\_\_\_ Phone: \_\_\_\_\_  
Authorized Representative's Signature: \_\_\_\_\_ Phone: \_\_\_\_\_  
Printed Name: \_\_\_\_\_ Title: \_\_\_\_\_ Date: \_\_\_\_\_

**BD2018-054**  
**November 20, 2018**

## SECTION 02780

### UNIT AND FLAGSTONE PAVERS

#### PART 1 GENERAL

##### 1.01 SECTION INCLUDES

- A. Clay Unit Pavers
- B. Flagstone Pavers

##### 1.02 RELATED SECTIONS

- A. Section 03300 – Cast in Place Concrete.

##### 1.03 REFERENCES

- A. American Society for Testing and Materials (ASTM):
  1. C33, Standard Specification for Concrete Aggregates.
  2. C136, Standard Test Method for Sieve Analysis of Fine and Coarse Aggregates.
  3. C140, Standard Test Methods for Sampling and Testing Concrete Masonry Units and Related Units.
  4. C144, Standard Specification for Aggregate for Masonry Mortar.
  5. ASTM C 902 - Standard Specification for Pedestrian and Light Traffic Paving Brick.
  6. C936, Standard Specification for Solid Concrete Interlocking Paving Units.
  7. C979, Standard Specification for Pigments for Integrally Colored Concrete.
  8. ASTM C 1272 - Standard Specification for Heavy Vehicular Paving Brick.
  9. C1645, Standard Test Method for Freeze-thaw and De-icing Salt Durability of Solid Concrete Interlocking Paving Units.
  10. D698, Standard Test Method for Laboratory Compaction Characteristics of Soil Using Standard Effort (12,000 ft-lbf/ft<sup>3</sup> (600 kN-m/m<sup>3</sup>)).
  11. D1557, Test Method for Laboratory Compaction Characteristics of Soil Using Modified Effort (56,000 ft-lbf/ft<sup>3</sup> (2,700 kN-m/m<sup>3</sup>)).
  12. D2940, Specification for Graded Aggregate Material for Bases or Subbases for Highways or Airports.
- B. Interlocking Concrete Pavement Institute (ICPI):
  1. ICPI Tech Spec Technical Bulletins
- C. American Society of Civil Engineers (ASCE)
  1. ASCE 58-16 Structural Design of Interlocking Concrete Pavement for Municipal Streets and Roadways

- D. US Green Building Council (USGBC)
  - 1. Leadership in Energy and Environmental Design (LEED), latest edition.
- E. Americans with Disabilities Act (ADA) regulations, latest edition.
- F. Proposed Accessibility Guidelines for Pedestrian Facilities in the Public Right-of-Way (PROWAG), latest edition.

#### 1.04 SUBMITTALS

- A. Submit under provisions of Section 01300.
- B. Product Data: Manufacturer's data sheets on each product to be used, including:
  - 1. Preparation instructions and recommendations.
  - 2. Storage and handling requirements and recommendations.
  - 3. Cleaning methods.
- C. Verification Samples: For each product and finish specified, two full-size samples representing actual products, colors and textures.

#### 1.05 QUALITY ASSURANCE

- A. Manufacturer Qualifications: All primary products specified in this section will be supplied by a single manufacturer with a minimum of ten years of experience.
- B. Installer Qualifications: All products listed in this section are to be installed by a single installer with a minimum of five years demonstrated experience in installing products of the same type and scope as specified.
- C. Mock-Up: Provide a completely assembled, typical wall areas installed with related accessories, in composite configurations designed to fulfill the performance criteria, and representative of the design as shown on the Drawings.
  - 1. Install a 10 foot x 10 foot minimum mock-up in a location as directed by the Engineer or Architect.
  - 2. Do not proceed with remaining work until workmanship is approved by the Engineer or Architect.
  - 3. This area will be used as the standard by which the work will be judged.
  - 4. Subject to acceptance by the Owner and Engineer or Architect, mock-up may be retained as part of the finished work.
  - 5. If mock-up is not retained, remove and properly dispose of mock-up.

## 1.06 ENVIRONMENTAL REQUIREMENTS

- A. Do not install in rain or snow.
- B. Do not install frozen bedding materials.

## 1.07 DELIVERY, STORAGE, AND HANDLING

- A. Deliver, store and handle materials and products in strict compliance with manufacturer's instructions and recommendations and industry standards.
- B. Store materials in manufacturer's original sealed, labeled packaging until ready for installation and in accordance with manufacturer's instructions. Protect from damage.

## 1.08 PROJECT CONDITIONS

- A. Maintain environmental conditions (temperature, humidity and ventilation) within limits recommended by manufacturer for optimum results. Do not install products under environmental conditions outside manufacturer's recommended limits.

## 1.09 WARRANTY

- A. Manufacturer's Standard Material Warranty: At project closeout, provide to Owner or Owners Representative an executed copy of the manufacturer's standard limited warranty against manufacturing defect, outlining its terms, conditions, and exclusions from coverage.

## PART 2 PRODUCTS

### 2.01 CLAY UNIT PAVERS

- A. Roadways-Relieved Edge Pavers: Nominal 4 inch x 8 inch brick pavers with wirecut surface texture as manufactured by Endicott Clay Products Co., which is located at: 57120 707th Rd.; Endicott, NE 68350; Tel: (402) 729-3315; Fax: (402) 729-5804; Email: request info (endicott@endicott.com); Web: www.endicott.com.
  - 1. Actual Product Size: 4 x 8 x 2-5/8 inches (102 x 203 x 67 mm).
  - 2. Relieved Edges: 1/8 inch x 1/8 inch.
  - 3. Color: Medium Ironspot No. 46.
  - 4. Pattern: Per Drawings.
  - 5. Material lug spacing or 3/8 inch maximum joint, grout.
- B. Sidewalks & Plazas-Heavy Vehicular Pavers: Nominal 4 inch x 8 inch brick pavers with wirecut surface texture as manufactured by Endicott Clay Products Co., which is located at: 57120 707th Rd.; Endicott, NE 68350; Tel: (402) 729-3315; Fax: (402) 729-5804; Email: request info (endicott@endicott.com); Web: www.endicott.com.

1. Actual Product Size: 4 x 8 x 2-5/8 inches (102 x 203 x 67 mm).
  2. Color: Medium Ironspot No. 46.
  3. Pattern: Per Drawings, Manufacturer supplied spacers; including perimeter spacers.
- C. Permeable Pavers: Nominal 4 inch x 8 inch permeable brick pavers with wirecut surface texture as manufactured by Endicott Clay Products Co., which is located at: 57120 707th Rd.; Endicott, NE 68350; Tel: (402) 729-3315; Fax: (402) 729-5804; Email: request info (endicott@endicott.com); Web: www.endicott.com.
1. Actual Product Size: 4 x 8 x 2-5/8 inches (102 x 203 x 67 mm) with relieved edge tips of lugs x 6 @ 1/4 inch deep.
  2. Color: Medium Ironspot No. 46.
  3. Pattern: Per Drawings

## 2.02 CONCRETE UNIT PAVERS

- A. Drivable Grass® Plantable Concrete System: Nominal 24 inch x 24 inch concrete units as manufactured by GeoSolutions, which is located at: 725 SE 59<sup>th</sup> Street; Oklahoma City, OK 73129; Tel: (405) 702-4444.
1. Actual Product Size: 24 x 24 x 1-1/2 inches.
  2. Color: Buff/Tan.
  3. Pattern: Per Drawings.

## 2.03 STONE UNIT PAVERS

- A. Granite: Manufactured by Coldspring, 17482 Granite West Road, Cold Spring, MN 56320, (320) 685-4703.
1. Color:
    - a. Masabi Black: 4 inch x 8 inch x 3-1/4 inch, snapped edges, Diamond 10 finish top, sawn bottom, 3/8 inch maximum joint, grout.
    - b. Sierra White: 4 inch x 8 inch x 3-1/4 inch, snapped edges, thermal finish top, sawn bottom, mortar set, 3/8 inch maximum joint, grout.

## 2.04 FLAGSTONE PAVERS

- A. Granite: Manufactured by Coldspring, 17482 Granite West Road, Cold Spring, MN 56320, (320) 685-4703.
1. Color:
    - a. Carnelian: 8 inch x 24 inch x 3-1/4 inch, snapped edges, Diamond 10 finish top, sawn bottom, 3/8 inch maximum joint, grout.
    - b. Masabi Black: 8 inch x 24 inch x 3-1/4 inch, snapped edges, Diamond 10 finish top, sawn bottom, 3/8 inch maximum joint, grout.

- B. Sandstone: Manufactured by Lyons Sandstone, 2493 CR 37 E, Lyons, CO 80540, (303)823-5659
1. Color: Buff and Rose, as per Drawings.
  2. Actual Product Size: 2-1/2 inch Depth (widths and lengths vary per Drawings).
  3. 3/8 inch maximum joint, grout.

## 2.05 BEDDING AND JOINT SAND

- A. Provide bedding and joint sand as follows:
1. Washed, clean, non-plastic, free from deleterious or foreign matter, symmetrically shaped, natural or manufactured from crushed rock.
  2. Do not use limestone screenings, stone dust, or sand for the bedding sand material that does not conform to the grading requirements of ASTM C33.
  3. Do not use mason sand or sand conforming to ASTM C144 for the bedding sand.
  4. Where concrete pavers are subject to vehicular traffic, utilize sands that are as hard as practically available.
  5. Sieve according to ASTM C136.
  6. Bedding Sand Material Requirements: Conform to the grading requirements of ASTM C33 with modifications shown in Table 1.

Table 1  
Grading Requirements for Bedding Sand  
ASTM C33

Sieve Size	Percent Passing
3/8 in.(9.5 mm)	100
No. 4 (4.75 mm)	95 to 100
No. 8 (2.36 mm)	80 to 100
No. 16 (1.18 mm)	50 to 85
No. 30 (0.600 mm)	25 to 60
No. 50 (0.300 mm)	5 to 30
No. 100 (0.150 mm)	0 to 10
No. 200 (0.075 mm)	0 to 1

7. Joint Sand Material Requirements: Conform to the grading requirements of ASTM C144 shown with modifications in Table 2.



Table 2  
Grading Requirements for Joint Sand

ASTM C144 Natural Sand		ASTM C144 Manufactured Sand
Sieve Size	Percent Passing	Percent Passing
No. 4 (4.75 mm)	100	100
No. 8 (2.36 mm)	95 to 100	95 to 100
No. 16 (1.18 mm)	70 to 100	70 to 100
No. 30 (0.600 mm)	40 to 75	40 to 100
No. 50 (0.300 mm)	10 to 35	20 to 40
No. 100 (0.150 mm)	2 to 15	10 to 25
No. 200 (0.075 mm)	0 to 1	0 to 5

## 2.06 GROUT

- A. Polymer Modified Cement Grout: ANSI A118.7.
  - 1. Polymer Type: Acrylic resin in liquid-latex form for addition to prepackaged dry-grout mix.
- B. Colors:
  - 1. Roadways and Crosswalks: Davis Color MC88 (Medium)
  - 2. Sidewalks and Plazas: Standard Gray

## 2.07 SEALER

- A. Manufacturer: Dayton Superior Weather Worker 40% J29, or Engineer approved equal.

## PART 3 EXECUTION

### 3.01 EXAMINATION

- A. Prepare substrates using the methods recommended by the manufacturer for achieving best result for the substrates under project conditions.
- B. Do not proceed with installation until substrates have been prepared using the methods recommended by the manufacturer and deviations from manufacturer's recommended tolerances are corrected. Commencement of installation constitutes acceptance of conditions.
- C. If preparation is the responsibility of another installer, notify Architect in writing of deviations from manufacturer's recommended installation tolerances and conditions.
- D. Inspect areas and conditions under which work is to be performed and notify the Architect in writing of conditions detrimental to the proper and timely completion of the work.

- E. Verify that concrete base is sloped for drainage and is free of standing water, dust, oil, grease, paint, wax, curing compounds, primer, sealers, form release agents, or any deleterious substances and debris which may prevent or reduce bonding. [Conduct moisture tests to verify that concrete surfaces are completely cured, free from hydrostatic pressure and having a moisture content of less than 5%.]
- F. Verify that grout materials can be cleaned from pavers, or provide coating to pavers to facilitate removal of grout materials.

### 3.02 PREPARATION

- A. Completely remove loose particles and debris from surface of concrete base. This may require mechanical grinding and scarifying of the surface.
- B. Neutralize any trace of strong acid or alkali from the substrate prior to mortar application.
- C. Surface to receive [slurry coat and] mortar shall have a tolerance of  $\pm 1/4$  inch over 10 feet for normal mortar setting bed applications and  $\pm 1/8$  inch over 10 feet for thin set mortar setting bed applications.

### 3.03 INSTALLATION

- A. Install pavers in accordance with Americans with Disabilities Act (ADA) regulations, Proposed Accessibility Guidelines for Pedestrian Facilities in the Public Right-of-Way (PROWAG) guidelines, manufacturer's instructions and in proper relationship with adjacent construction.
- B. Maintain 3/8 inch wide joints.
- C. Joints shall be uniform and straight in all both directions
- D. Lippage: maintain no greater than 1/16 inch height difference between adjacent pavers.
- E. Follow manufacturer's recommended times for setting mortar to cure before grouting.
- F. Maintain clean surfaces and joints prior to applying grout.
- G. Grout joints in accordance with ANSI A108.10.

### 3.04 CLEANING AND SEALING

- A. Clean and seal stone paver and concrete pavers in accordance with the manufacturer's written recommendations.

- B. Clean, but do not seal clay pavers.

### 3.05 FIELD QUALITY CONTROL

- A. Surface tolerances on flat slopes should be measured with a rigid straightedge. Tolerances on complex contoured slopes should be measured with a flexible straightedge capable of conforming to the complex curves on the pavement surface.
- B. The final surface tolerance from grade elevations shall not deviate more than  $\pm 1/4$  inch under a 10 foot straightedge.
- C. Check final surface elevations for conformance to drawings.

### 3.06 PROTECTION

- A. Protect finished work against weather, freezing and immersion in water for at least 21 days after installation or as per mortar and grout manufacturer's recommendations.
- B. Protect pavers from construction-related foot traffic for at least 24 hours after completion of the installation and general foot traffic for at least 72 hours after installation or as per the mortar and grout manufacturer's recommendations.
- C. Protect textured material during installation and afterwards. Seal architectural finishes of pavers immediately after the grout is dry. Cover and protect the textured surface from vehicular traffic during the construction period.
- D. Protect installed products until completion of the project.
- E. Touch-up, repair or replace damaged products before Substantial Completion.

**END OF SECTION**

**BID SCHEDULE**

**7th Street Sanitary Sewer - Grand Ave. to Colorado Ave.**

BUI Project No. 16024

10/15/2018, Rev. 11/20/18

Item No.	Estimated Quantity	Unit	Description and Unit Price in Words	Unit Price	Total Price
1 A	1	LS	Mobilization, Demobilization and Incidentals: including but not limited to: all permits, coordination, labor, equipment, all other materials, services, safety, utility locates, excavations, soil preparations, site grading, vertical adjustments to existing utility structures or other items not individual itemized but required to effect construction, initiation, and completion of the project.		
			(Lump Sum Price - Words)	(Numeric)	(Numeric)
2 A	1	LS	Performance and Payment Bonds.		
			(Lump Sum Price - Words)	(Numeric)	(Numeric)
3 A	1	LS	Construction Surveying and As-built Mapping: including but not limited to: all materials, labor and equipment necessary for establishing property line control, providing construction stakes, resetting damaged property corners or control markers, asbuilt mapping of all installed and encountered underground piping, for a complete project.		
			(Lump Sum Price - Words)	(Numeric)	(Numeric)
4 A	1	LS	Traffic Control: including but not limited: permitting, fees, reporting, all other materials, labor and equipment necessary for a completed project.		
			(Lump Sum Price - Words)	(Numeric)	(Numeric)
5 A	1	LS	Testing of Materials and Quality Assurance: including but not limited: coordination, material sampling, field and lab testing, reporting, all other materials, labor and equipment necessary for a completed project.		
			(Lump Sum Price - Words)	(Numeric)	(Numeric)

**BID SCHEDULE**

**7th Street Sanitary Sewer - Grand Ave. to Colorado Ave.**

BUI Project No. 16024

10/15/2018, Rev. 11/20/18

Item No.	Estimated Quantity	Unit	Description and Unit Price in Words	Unit Price	Total Price
6 A	1	EA	Removal of Fire Hydrant: including but not limited to: excavation, removal, hauling, delivery of salvaged materials, disposal, backfill, compaction, all other materials, labor and equipment necessary for a completed project.		
			(Unit Price - Words)	(Numeric)	(Numeric)
7 A	1	LS	Removal and Salvage of Materials (Signs, Posts, Bases, Lights, Furniture, Frames & Grates, etc.): including but not limited to: excavation, removal, hauling, delivery of salvaged materials, disposal of waste, all other materials, labor and equipment necessary for a completed project.		
			(Lump Sum Price - Words)	(Numeric)	(Numeric)
8 A	1,740	SF	Removal of Concrete Sidewalk, Flatwork, Curb and Pavers: including but not limited to: removal, hauling, disposal, sawcuts, salvage of pavers and dome plates, all other materials, labor and equipment necessary for a completed project.		
			(Unit Price - Words)	(Numeric)	(Numeric)
9 A	8,090	SF	Removal of Asphalt (Disposal): including but not limited to: removal, stockpiling, hauling, disposal, sawcuts, all other materials, labor and equipment necessary for a completed project.		
			(Unit Price - Words)	(Numeric)	(Numeric)
10 A	4,110	SF	Removal of Asphalt (Planing/Milling): including but not limited to: removal, stockpiling, hauling, disposal, planing/milling, all other materials, labor and equipment necessary for a completed project.		
			(Unit Price - Words)	(Numeric)	(Numeric)

**BID SCHEDULE**

**7th Street Sanitary Sewer - Grand Ave. to Colorado Ave.**

BUI Project No. 16024

10/15/2018, Rev. 11/20/18

Item No.	Estimated Quantity	Unit	Description and Unit Price in Words	Unit Price	Total Price
11 A	250	LF	Pressure Grout of Retired Sewer Pipe: including but not limited to: formwork, plugging, furnishing, hauling, all other materials, labor and equipment necessary for a completed project.		
			_____ (Unit Price - Words)	_____ (Numeric)	_____ (Numeric)
12 A	1	LS	Erosion and Sediment Control: including but not limited to: permitting, fees, reporting, all other materials, labor and equipment necessary for a completed project.		
			_____ (Lump Sum Price - Words)	_____ (Numeric)	_____ (Numeric)
13 A	430	LF	Trenching, Bedding & Backfill for Electric and Irrigation Conduits and Boxes: including but not limited to: coordination with City Electric Dept. (City to supply conduit, wire, pull boxes), excavation, bedding, conduit/wire/pull box installation, backfill, compaction, all other materials, labor and equipment necessary for a completed project.		
			_____ (Unit Price - Words)	_____ (Numeric)	_____ (Numeric)
14 A	525	LF	Electric and Irrigation Conduits (2"Ø): including but not limited to: coordination with City Electric Dept., excavation, bedding, conduit, fittings, backfill, compaction, all other materials, labor and equipment necessary for a completed project.		
			_____ (Unit Price - Words)	_____ (Numeric)	_____ (Numeric)
15 A	7	EA	Electric or Irrigation Box (Concrete): including but not limited to: coordination with City Electric Dept., excavation, bedding, box, backfill, compaction, all other materials, labor and equipment necessary for a completed project.		
			_____ (Unit Price - Words)	_____ (Numeric)	_____ (Numeric)

**BID SCHEDULE**

**7th Street Sanitary Sewer - Grand Ave. to Colorado Ave.**

BUI Project No. 16024

10/15/2018, Rev. 11/20/18

Item No.	Estimated Quantity	Unit	Description and Unit Price in Words	Unit Price	Total Price
16 A	3	EA	Electrical Outlet Receptacle: including but not limited to: coordination with City Electric Dept., furnishing, all other materials, labor and equipment necessary for a completed project.		
			(Unit Price - Words)	(Numeric)	(Numeric)
17 A	1	LS	Electrical System Wire and Electrician: including but not limited to: materials, labor and equipment necessary for a completed project.		
			(Lump Sum Price - Words)	(Numeric)	(Numeric)
18 A	2	EA	Light Pole Base: including but not limited to: coordination with City Electric Dept., excavation, bedding, backfill, compaction, concrete base (pole/lamp/wiring provided by others), all other materials, labor and equipment necessary for a completed project.		
			(Unit Price - Words)	(Numeric)	(Numeric)
19 A	70	LF	Irrigation Main Extension(s): including but not limited to: excavation, bedding, backfill, compaction, conduit sleeving, pipe, valves, fittings, connections, boxes, testing, encasements, all other materials, labor and equipment necessary for a completed project.		
			(Unit Price - Words)	(Numeric)	(Numeric)
20 A	1	LS	Irrigation Sprinkler System (to 3 Trees): including but not limited to: excavation, bedding, backfill, compaction, conduit sleeving, tubing, valves, fittings, heads, connections, boxes, control wire, testing, encasements, all other materials, labor and equipment necessary for a completed project.		
			(Lump Sum Price - Words)	(Numeric)	(Numeric)

**BID SCHEDULE**

**7th Street Sanitary Sewer - Grand Ave. to Colorado Ave.**

BUI Project No. 16024

10/15/2018, Rev. 11/20/18

Item No.	Estimated Quantity	Unit	Description and Unit Price in Words	Unit Price	Total Price
21 A	1	LS	Irrigation Control System: including but not limited to: furnishing, all other materials, labor and equipment necessary for a completed project.		
			_____ (Lump Sum Price - Words)	_____ (Numeric)	_____ (Numeric)
22 A	1	EA	1"Ø Water Service: including but not limited to: excavation, bedding, backfill, compaction, connection, pipe, fittings, plugs, joint restraints, curb stop, valve box, Nyloplast cover, conductivity wire, appurtenances, all other materials, labor and equipment necessary for a completed project.		
			_____ (Unit Price - Words)	_____ (Numeric)	_____ (Numeric)
23 A	1	EA	2"Ø Water Service: including but not limited to: excavation, bedding, backfill, compaction, connection, pipe, fittings, plugs, joint restraints, curb stop, valve box, Nyloplast cover, conductivity wire, appurtenances, all other materials, labor and equipment necessary for a completed project.		
			_____ (Unit Price - Words)	_____ (Numeric)	_____ (Numeric)
24 A	1	EA	Fire Hydrant Assembly (Hydrant and Riser Supplied by City): including but not limited to: excavation, bedding, backfill, compaction, joint restraints, fittings, conductivity wire, polywrap, thrust blocks, all other materials, labor and equipment necessary for a completed project.		
			_____ (Unit Price - Words)	_____ (Numeric)	_____ (Numeric)
25 A	1	LS	Mobilization for Temporary Bypass Pumping: including all labor and materials, complete and in place for a completed project (QUANTITY STATED BY BIDDER).		
			_____ (Unit Price - Words)	_____ (Numeric)	_____ (Numeric)



**BID SCHEDULE**

**7th Street Sanitary Sewer - Grand Ave. to Colorado Ave.**

BUI Project No. 16024

10/15/2018, Rev. 11/20/18

Item No.	Estimated Quantity	Unit	Description and Unit Price in Words	Unit Price	Total Price
26 A	7	Day	Temporary Bypass Pumping (Peak Flow 200-250 gpm): including all labor and materials, complete and in place for a completed project.		
			_____ (Unit Price - Words)	_____ (Numeric)	_____ (Numeric)
27 A	2	EA	Sanitary Sewer Manhole: including but not limited to: furnishing, hauling, casting, formwork, reinforcement, consolidation, excavation, bedding, backfill, compaction, all other materials, labor and equipment necessary for a completed project.		
			_____ (Unit Price - Words)	_____ (Numeric)	_____ (Numeric)
28 A	148	LF	10" Sanitary Sewer Main: including but not limited to: furnishing, hauling, excavation, insulation, bedding, backfill, compaction, all other materials, labor and equipment necessary for a completed project.		
			_____ (Unit Price - Words)	_____ (Numeric)	_____ (Numeric)
29 A	200	LF	10" Sanitary Sewer Main with Concrete Joint Encasement: including but not limited to: furnishing, hauling, excavation, insulation, bedding, backfill, compaction, concrete, forms, bond breaker, all other materials, labor and equipment necessary for a completed project.		
			_____ (Unit Price - Words)	_____ (Numeric)	_____ (Numeric)
30 A	1	EA	New Sanitary Sewer Service (Sta: 3+08.80): including but not limited to: furnishing, hauling, excavation, bedding, backfill, compaction, connection, pipe, fittings, cleanouts, covers, conductivity wire, appurtenances, all other materials, labor and equipment necessary for a completed project.		
			_____ (Unit Price - Words)	_____ (Numeric)	_____ (Numeric)

**BID SCHEDULE**

**7th Street Sanitary Sewer - Grand Ave. to Colorado Ave.**

BUI Project No. 16024

10/15/2018, Rev. 11/20/18

Item No.	Estimated Quantity	Unit	Description and Unit Price in Words	Unit Price	Total Price
31 A	1	EA	New Sanitary Sewer Service (Future Restroom): including but not limited to: furnishing, hauling, excavation, bedding, backfill, compaction, connection, pipe, fittings, cleanouts, covers, conductivity wire, appurtenances, all other materials, labor and equipment necessary for a completed project.		
			_____ (Unit Price - Words)	_____ (Numeric)	_____ (Numeric)
32 A	1	EA	New Sanitary Sewer Service (near Colorado Ave.): including but not limited to: furnishing, hauling, excavation, bedding, backfill, compaction, connection, pipe, fittings, cleanouts, covers, conductivity wire, appurtenances, all other materials, labor and equipment necessary for a completed project.		
			_____ (Unit Price - Words)	_____ (Numeric)	_____ (Numeric)
33 A	3	EA	Reconnect Sanitary Sewer Service: including but not limited to: furnishing, hauling, excavation, bedding, backfill, compaction, connection, pipe, fittings, cleanouts, covers, conductivity wire, appurtenances, all other materials, labor and equipment necessary for a completed project.		
			_____ (Unit Price - Words)	_____ (Numeric)	_____ (Numeric)
34 A	238	LF	Curb and Gutter (IB, IIB, IM, IIM or Special): including but not limited to: soil preparation, aggregate base course, compaction, concrete, furnishing, hauling, casting, formwork, reinforcement, consolidation, joints, testing, all other materials, labor and equipment necessary for a completed project.		
			_____ (Unit Price - Words)	_____ (Numeric)	_____ (Numeric)

**BID SCHEDULE**

**7th Street Sanitary Sewer - Grand Ave. to Colorado Ave.**

BUI Project No. 16024

10/15/2018, Rev. 11/20/18

Item No.	Estimated Quantity	Unit	Description and Unit Price in Words	Unit Price	Total Price
35 A	800	SF	4" Standard Gray Concrete (Sidewalks) over 6" Class 6 Aggregate Base Course: including but not limited to: soil preparation, aggregate base course, compaction, concrete, furnishing, hauling, casting, formwork, reinforcement, consolidation, joints, testing, all other materials, labor and equipment necessary for a completed project.		
			_____ (Unit Price - Words)	_____ (Numeric)	_____ (Numeric)
36 A	196	SF	6" Standard Gray Concrete (Ramp, Driveway, Band) over 6" Class 6 Aggregate Base Course: including but not limited to: soil preparation, aggregate base course, compaction, concrete, furnishing, hauling, casting, formwork, reinforcement, consolidation, joints, testing, all other materials, labor and equipment necessary for a completed project.		
			_____ (Unit Price - Words)	_____ (Numeric)	_____ (Numeric)
37 A	115	SF	8" Colored Concrete Pavement over 8" Class 6 Aggregate Base Course: including but not limited to: soil preparation, aggregate base course, compaction, concrete, furnishing, hauling, casting, formwork, reinforcement, consolidation, joints, testing, all other materials, labor and equipment necessary for a completed project.		
			_____ (Unit Price - Words)	_____ (Numeric)	_____ (Numeric)
38 A	12	SF	Detectable Warning Plate (at Crosswalk): including but not limited to: all materials, labor and equipment necessary for a completed project.		
			_____ (Unit Price - Words)	_____ (Numeric)	_____ (Numeric)

**BID SCHEDULE**

**7th Street Sanitary Sewer - Grand Ave. to Colorado Ave.**

BUI Project No. 16024

10/15/2018, Rev. 11/20/18

Item No.	Estimated Quantity	Unit	Description and Unit Price in Words	Unit Price	Total Price
39 A	1,182	SF	Paver Installation (Sand Set): including but not limited to: coordination with City Public Works Dept. (City to supply concrete/clay pavers/spacers), aggregate base course, geogrid, filter fabric, sand setting bed, compaction, concrete base slab, furnishing, hauling, formwork, patterns, all other materials, labor and equipment necessary for a completed project.		
			_____ (Unit Price - Words)	_____ (Numeric)	_____ (Numeric)
40 A	3,420	SF	5" Hot Mix Asphalt (SX-75,PG 58-28) over 8" Class 6 Aggregate Base Course: including but not limited to: furnishing, labor, equipment, hauling, compaction, testing, and all materials necessary for a completed project.		
			_____ (Unit Price - Words)	_____ (Numeric)	_____ (Numeric)
41 A	4,330	SF	2" Hot Mix Asphalt Overlay (SX-75,PG 58-28): including but not limited to: furnishing, tack coat, labor, equipment, hauling, compaction, testing, and all materials necessary for a completed project.		
			_____ (Unit Price - Words)	_____ (Numeric)	_____ (Numeric)
42 A	110	LF	Asphalt Edge Matching (T-Top): including but not limited to: milling, labor, equipment, hauling, and all materials necessary for a completed project.		
			_____ (Unit Price - Words)	_____ (Numeric)	_____ (Numeric)
43 A	1	LS	Pavement Markings and Thermoplastics: including but not limited to: furnishing, surface preparation, templates, all other materials, labor and equipment necessary for a completed project.		
			_____ (Lump Sum Price - Words)	_____ (Numeric)	_____ (Numeric)

**BID SCHEDULE**

**7th Street Sanitary Sewer - Grand Ave. to Colorado Ave.**

BUI Project No. 16024

10/15/2018, Rev. 11/20/18

Item No.	Estimated Quantity	Unit	Description and Unit Price in Words	Unit Price	Total Price
44 A	3	EA	Paver Tree Grate: including furnishing, all other materials, labor and equipment necessary for a completed project.		
			(Unit Price - Words)	(Numeric)	(Numeric)
45 A	1	EA	Reinstall Salvaged Tree Grate: including concrete, furnishing, all other materials, labor and equipment necessary for a completed project.		
			(Unit Price - Words)	(Numeric)	(Numeric)
46 A	3	EA	Deciduous Tree, Root Barrier, Conditioned Soil and Mulch: including furnishing, all other materials, labor and equipment necessary for a completed project.		
			(Unit Price - Words)	(Numeric)	(Numeric)
47 A	3	EA	Fabricated Tree Guard: including furnishing, all other materials, labor and equipment necessary for a completed project.		
			(Unit Price - Words)	(Numeric)	(Numeric)
48 A	6.25	SF	New Sign Panel (Class 1): including but not limited to: furnishing, materials, labor and equipment necessary for a completed project.		
			(Unit Price - Words)	(Numeric)	(Numeric)
49 A	2	EA	New Sign Post & Base: including but not limited to: furnishing, all materials, labor and equipment necessary for a completed project.		
			(Unit Price - Words)	(Numeric)	(Numeric)
50 A	2	EA	Reinstall Sign Post & Base: including but not limited to: furnishing, all materials, labor and equipment necessary for a completed project.		
			(Unit Price - Words)	(Numeric)	(Numeric)

**BID SCHEDULE**

**7th Street Sanitary Sewer - Grand Ave. to Colorado Ave.**

BUI Project No. 16024

10/15/2018, Rev. 11/20/18

Item No.	Estimated Quantity	Unit	Description and Unit Price in Words	Unit Price	Total Price
51 A	1	LS	Force Account (for Minor Contract Revisions): including but not limited to: furnishing, all other materials, labor and equipment necessary for a completed project.	\$ 35,000.00	\$ 35,000.00
(Lump Sum Price - Words)				(Numeric)	(Numeric)

**Total of All Items (Complete Project):** \_\_\_\_\_

**BID SCHEDULE**

**7th Street Streetscape Beautification - Phase 1**

BUI Project No. 16024

10/15/2018, Rev. 11/20/18

Item No.	Estimated Quantity	Unit	Description and Unit Price in Words	Unit Price	Total Price
1 B	1	LS	Mobilization, Demobilization and Incidentals: including but not limited to: all permits, coordination, labor, equipment, all other materials, services, safety, utility locates, excavations, soil preparations, site grading, vertical adjustments to existing utility structures or other items not individual itemized but required to effect construction, initiation, and completion of the project.		
			(Lump Sum Price - Words)	(Numeric)	(Numeric)
2 B	1	LS	Performance and Payment Bonds.		
			(Lump Sum Price - Words)	(Numeric)	(Numeric)
3 B	1	LS	Construction Surveying and As-built Mapping: including but not limited to: all materials, labor and equipment necessary for establishing property line control, providing construction stakes, resetting damaged property corners or control markers, asbuilt mapping of all installed and encountered underground piping, for a complete project.		
			(Lump Sum Price - Words)	(Numeric)	(Numeric)
4 B	1	LS	Traffic Control: including but not limited: permitting, fees, reporting, all other materials, labor and equipment necessary for a completed project.		
			(Lump Sum Price - Words)	(Numeric)	(Numeric)
5 B	1	LS	Testing of Materials and Quality Assurance: including but not limited: coordination, material sampling, field and lab testing, reporting, all other materials, labor and equipment necessary for a completed project.		
			(Lump Sum Price - Words)	(Numeric)	(Numeric)

**BID SCHEDULE**  
**7th Street Streetscape Beautification - Phase 1**

BUI Project No. 16024

10/15/2018, Rev. 11/20/18

Item No.	Estimated Quantity	Unit	Description and Unit Price in Words	Unit Price	Total Price
6 B	1	LS	Removal and Salvage of Materials (Signs, Posts, Bases, Lights, Furniture, Frames & Grates, etc.): including but not limited to: excavation, removal, hauling, delivery of salvaged materials, disposal of waste, all other materials, labor and equipment necessary for a completed project.		
			(Lump Sum Price - Words)	(Numeric)	(Numeric)
7 B	1	LS	Removal and Salvage of Decorative Gravels & Road Base: including but not limited to: excavation, removal, hauling, delivery of salvaged materials, disposal of waste, all other materials, labor and equipment necessary for a completed project.		
			(Lump Sum Price - Words)	(Numeric)	(Numeric)
8 B	1	LS	Removal of Pavement Markings (Sandblasting): including but not limited to: furnishing, hauling, all other materials, labor and equipment necessary for a completed project		
			(Lump Sum Price - Words)	(Numeric)	(Numeric)
9 B	735	SF	Removal of Concrete Sidewalk, Flatwork, Curb and Pavers: including but not limited to: removal, hauling, disposal, sawcuts, salvage of pavers and dome plates, all other materials, labor and equipment necessary for a completed project.		
			(Unit Price - Words)	(Numeric)	(Numeric)
10 B	6,000	SF	Removal of Asphalt (Disposal): including but not limited to: removal, stockpiling, hauling, disposal, sawcuts, all other materials, labor and equipment necessary for a completed project.		
			(Unit Price - Words)	(Numeric)	(Numeric)



**BID SCHEDULE**

**7th Street Streetscape Beautification - Phase 1**

BUI Project No. 16024

10/15/2018, Rev. 11/20/18

Item No.	Estimated Quantity	Unit	Description and Unit Price in Words	Unit Price	Total Price
11 B	1	LS	Erosion and Sediment Control: including but not limited to: permitting, fees, reporting, all other materials, labor and equipment necessary for a completed project.		
			_____ (Lump Sum Price - Words)	_____ (Numeric)	_____ (Numeric)
12 B	530	LF	Trenching, Bedding & Backfill for Electric and Irrigation Conduits and Boxes: including but not limited to: coordination with City Electric Dept. (City to supply conduit, wire, pull boxes), excavation, bedding, conduit/wire/pull box installation, backfill, compaction, all other materials, labor and equipment necessary for a completed project.		
			_____ (Unit Price - Words)	_____ (Numeric)	_____ (Numeric)
13 B	768	LF	Electric and Irrigation Conduits (2"Ø): including but not limited to: coordination with City Electric Dept., excavation, bedding, conduit, fittings, backfill, compaction, all other materials, labor and equipment necessary for a completed project.		
			_____ (Unit Price - Words)	_____ (Numeric)	_____ (Numeric)
14 B	84	LF	Electric and Irrigation Conduits (3"Ø): including but not limited to: coordination with City Electric Dept., excavation, bedding, conduit, fittings, backfill, compaction, all other materials, labor and equipment necessary for a completed project.		
			_____ (Unit Price - Words)	_____ (Numeric)	_____ (Numeric)
15 B	256	LF	Electric and Irrigation Conduits (4"Ø): including but not limited to: coordination with City Electric Dept., excavation, bedding, conduit, fittings, backfill, compaction, all other materials, labor and equipment necessary for a completed project.		
			_____ (Unit Price - Words)	_____ (Numeric)	_____ (Numeric)

**BID SCHEDULE**  
**7th Street Streetscape Beautification - Phase 1**

BUI Project No. 16024

10/15/2018, Rev. 11/20/18

Item No.	Estimated Quantity	Unit	Description and Unit Price in Words	Unit Price	Total Price
16 B	5	EA	Electric or Irrigation Box (Concrete): including but not limited to: coordination with City Electric Dept., excavation, bedding, box, backfill, compaction, all other materials, labor and equipment necessary for a completed project.	_____	_____
			(Unit Price - Words)	(Numeric)	(Numeric)
17 B	2	EA	Electrical Outlet Receptacle: including but not limited to: coordination with City Electric Dept., furnishing, all other materials, labor and equipment necessary for a completed project.	_____	_____
			(Unit Price - Words)	(Numeric)	(Numeric)
18 B	1	LS	Electrical System Wire and Electrician: including but not limited to: materials, labor and equipment necessary for a completed project.	_____	_____
			(Lump Sum Price - Words)	(Numeric)	(Numeric)
19 B	1	EA	Light Pole Base: including but not limited to: coordination with City Electric Dept., excavation, bedding, backfill, compaction, concrete base (pole/lamp/wiring provided by others), all other materials, labor and equipment necessary for a completed project.	_____	_____
			(Unit Price - Words)	(Numeric)	(Numeric)
20 B	200	LF	Irrigation Main Extension(s): including but not limited to: excavation, bedding, backfill, compaction, conduit sleeving, pipe, valves, fittings, connections, boxes, testing, encasements, all other materials, labor and equipment necessary for a completed project.	_____	_____
			(Unit Price - Words)	(Numeric)	(Numeric)

**BID SCHEDULE**

**7th Street Streetscape Beautification - Phase 1**

BUI Project No. 16024

10/15/2018, Rev. 11/20/18

Item No.	Estimated Quantity	Unit	Description and Unit Price in Words	Unit Price	Total Price
21 B	1	LS	Irrigation Sprinkler System (for Lawn): including but not limited to: excavation, bedding, backfill, compaction, tubing, valves, fittings, heads, connections, wire, boxes, testing, encasements, all other materials, labor and equipment necessary for a completed project.		
			<hr/> (Lump Sum Price - Words) <hr/>	<hr/> (Numeric) <hr/>	<hr/> (Numeric) <hr/>
22 B	3	EA	Core Ex. Storm Sewer Structure and Connect: including but not limited to: demolitions, furnishing, hauling, casting, formwork, adaptor boot, excavation, bedding, backfill, compaction, all other materials, labor and equipment necessary for a completed project.		
			<hr/> (Unit Price - Words) <hr/>	<hr/> (Numeric) <hr/>	<hr/> (Numeric) <hr/>
23 B	189	LF	Trench Drain & Concrete Support: including but not limited to: trench drain material, fittings, connections, concrete support, rebar, dowels, insulation, mortar set, excavation, bedding, furnishing, hauling, formwork, reinforcement, consolidation, backfill, compaction, all other materials, labor and equipment necessary for a completed project.		
			<hr/> (Unit Price - Words) <hr/>	<hr/> (Numeric) <hr/>	<hr/> (Numeric) <hr/>
24 B	2	EA	Nyloplast Storm Sewer Basin (Frame/Lid excluded): including but not limited to: furnishing, hauling, casting, formwork, reinforcement, consolidation, excavation, bedding, backfill, compaction, all other materials, labor and equipment necessary for a completed project.		
			<hr/> (Unit Price - Words) <hr/>	<hr/> (Numeric) <hr/>	<hr/> (Numeric) <hr/>
25 B	5	EA	Cleanout (Weep Hole & Storm Sewer): including but not limited to: furnishing, covers, hauling, casting, formwork, excavation, bedding, backfill, compaction, all other materials, labor and equipment necessary for a completed project.		
			<hr/> (Unit Price - Words) <hr/>	<hr/> (Numeric) <hr/>	<hr/> (Numeric) <hr/>

**BID SCHEDULE**  
**7th Street Streetscape Beautification - Phase 1**

BUI Project No. 16024

10/15/2018, Rev. 11/20/18

Item No.	Estimated Quantity	Unit	Description and Unit Price in Words	Unit Price	Total Price
26 B	55	LF	Drainage Pipe (4"Ø PVC), Fittings & Adaptors (near Cooper Ave.): including but not limited to: furnishing, hauling, excavation, insulation, bedding, backfill, compaction, all other materials, labor and equipment necessary for a completed project.	(Numeric)	(Numeric)
			(Unit Price - Words)	(Numeric)	(Numeric)
27 B	170	LF	Drainage Pipe (6"Ø PVC), Fittings & Adaptors: including but not limited to: furnishing, hauling, excavation, insulation, bedding, backfill, compaction, all other materials, labor and equipment necessary for a completed project.	(Numeric)	(Numeric)
			(Unit Price - Words)	(Numeric)	(Numeric)
28 B	30	LF	Drainage Pipe (8"Ø PVC), Fittings & Adaptors: including but not limited to: furnishing, hauling, excavation, insulation, bedding, backfill, compaction, all other materials, labor and equipment necessary for a completed project.	(Numeric)	(Numeric)
			(Unit Price - Words)	(Numeric)	(Numeric)
29 B	124	LF	Drainage Pipe (15"Ø PVC), Fittings & Adaptors: including but not limited to: furnishing, hauling, excavation, insulation, bedding, backfill, compaction, all other materials, labor and equipment necessary for a completed project.	(Numeric)	(Numeric)
			(Unit Price - Words)	(Numeric)	(Numeric)
30 B	14	EA	Valve Cover (12" Sq. Nyloplast Solid Cover): including but not limited to: furnishing, hauling, formwork, grout, all other materials, labor and equipment necessary for a completed project.	(Numeric)	(Numeric)
			(Unit Price - Words)	(Numeric)	(Numeric)

**BID SCHEDULE**

**7th Street Streetscape Beautification - Phase 1**

BUI Project No. 16024

10/15/2018, Rev. 11/20/18

Item No.	Estimated Quantity	Unit	Description and Unit Price in Words	Unit Price	Total Price
31 B	2	EA	Utility Access Cover (Wundercover WC60x60): including but not limited to: furnishing, hauling, formwork, grout, all other materials, labor and equipment necessary for a completed project.		
			_____ (Unit Price - Words)	_____ (Numeric)	_____ (Numeric)
32 B	3	EA	Utility Access Cover (Wundercover WC70x70): including but not limited to: furnishing, hauling, formwork, grout, all other materials, labor and equipment necessary for a completed project.		
			_____ (Unit Price - Words)	_____ (Numeric)	_____ (Numeric)
33 B	2	EA	Utility Access Cover (Wundercover WC90x90): including but not limited to: furnishing, hauling, formwork, grout, all other materials, labor and equipment necessary for a completed project.		
			_____ (Unit Price - Words)	_____ (Numeric)	_____ (Numeric)
34 B	1	EA	Utility Access Cover (Wundercover WC100x100): including but not limited to: furnishing, hauling, formwork, grout, all other materials, labor and equipment necessary for a completed project.		
			_____ (Unit Price - Words)	_____ (Numeric)	_____ (Numeric)
35 B	1	EA	Utility Access Cover Lift (Wunder-Lift and chains): including but not limited to: furnishing, all other materials, labor and equipment necessary for a completed project.		
			_____ (Unit Price - Words)	_____ (Numeric)	_____ (Numeric)
36 B	4	EA	Utility Access Cover Lift (WunderKey, 18" WK450): including but not limited to: furnishing, all other materials, labor and equipment necessary for a completed project.		
			_____ (Unit Price - Words)	_____ (Numeric)	_____ (Numeric)

**BID SCHEDULE**

**7th Street Streetscape Beautification - Phase 1**

BUI Project No. 16024

10/15/2018, Rev. 11/20/18

Item No.	Estimated Quantity	Unit	Description and Unit Price in Words	Unit Price	Total Price
37 B	300	LF	Weep Hole Underdrain: including but not limited to: pipe, fittings, liner, coring, connections, excavation, bedding, backfill, compaction, all other materials, labor and equipment necessary for a completed project.		
			<hr/> (Unit Price - Words) <hr/>	<hr/> (Numeric) <hr/>	<hr/> (Numeric) <hr/>
38 B	1	LS	Landscape Underdrain: including but not limited to: perforated pipe, solid pipe, fittings, adaptors, pipe boots, connections, cleanouts, covers, excavation, bedding, backfill, compaction, all other materials, labor and equipment necessary for a completed project.		
			<hr/> (Lump Sum Price - Words) <hr/>	<hr/> (Numeric) <hr/>	<hr/> (Numeric) <hr/>
39 B	96	LF	12"Hx 1/2"Thick Cor-Ten Steel Edge Wall: including but not limited to: furnishing, hauling, welding, reinforcement, supports, testing, all other materials, labor and equipment necessary for a completed project.		
			<hr/> (Unit Price - Words) <hr/>	<hr/> (Numeric) <hr/>	<hr/> (Numeric) <hr/>
40 B	968	SF	Geomembrane (30 Mil PVC): including but not limited to: furnishing, hauling, welding, fasteners, testing, all other materials, labor and equipment necessary for a completed project.		
			<hr/> (Unit Price - Words) <hr/>	<hr/> (Numeric) <hr/>	<hr/> (Numeric) <hr/>
41 B	200	SF	CDOT Class-C Filter Media (6" Depth) around Landscape Underdrain: including but not limited to: furnishing, labor, equipment, hauling, compaction, testing, and all materials necessary for a completed project.		
			<hr/> (Unit Price - Words) <hr/>	<hr/> (Numeric) <hr/>	<hr/> (Numeric) <hr/>

**BID SCHEDULE**

**7th Street Streetscape Beautification - Phase 1**

BUI Project No. 16024

10/15/2018, Rev. 11/20/18

<b>Item No.</b>	<b>Estimated Quantity</b>	<b>Unit</b>	<b>Description and Unit Price in Words</b>	<b>Unit Price</b>	<b>Total Price</b>
42 B	220	SF	Geotextile (Filter Fabric): including but not limited to: furnishing, hauling, fasteners, testing, all other materials, labor and equipment necessary for a completed project.		
			(Unit Price - Words)	(Numeric)	(Numeric)
43 B	48	CY	Amended Topsoil: including but not limited to: furnishing, all other materials, labor and equipment necessary for a completed project.		
			(Unit Price - Words)	(Numeric)	(Numeric)
44 B	340	SF	3" Mulch: including but not limited to: furnishing, all other materials, labor and equipment necessary for a completed project.		
			(Unit Price - Words)	(Numeric)	(Numeric)
45 B	1,000	SF	Sod: including but not limited to: furnishing, all other materials, labor and equipment necessary for a completed project.		
			(Unit Price - Words)	(Numeric)	(Numeric)
46 B	70	LF	Curb and Gutter (IB, IIB, IM, IIM or Special): including but not limited to: soil preparation, aggregate base course, compaction, concrete, furnishing, hauling, casting, formwork, reinforcement, consolidation, joints, testing, all other materials, labor and equipment necessary for a completed project.		
			(Unit Price - Words)	(Numeric)	(Numeric)

**BID SCHEDULE**

**7th Street Streetscape Beautification - Phase 1**

BUI Project No. 16024

10/15/2018, Rev. 11/20/18

Item No.	Estimated Quantity	Unit	Description and Unit Price in Words	Unit Price	Total Price
47 B	220	SF	4" Standard Gray Concrete (Sidewalks) over 6" Class 6 Aggregate Base Course: including but not limited to: soil preparation, aggregate base course, compaction, concrete, furnishing, hauling, casting, formwork, reinforcement, consolidation, joints, testing, all other materials, labor and equipment necessary for a completed project.		
			(Unit Price - Words)	(Numeric)	(Numeric)
48 B	7,130	SF	6" Standard Gray Concrete Pavement over 4" Class 6 Aggregate Base Course (Paver Underlayment-Sidewalks): including but not limited to: soil preparation, aggregate base course, compaction, concrete, furnishing, hauling, casting, formwork, reinforcement, consolidation, joints, testing, all other materials, labor and equipment necessary for a completed project.		
			(Unit Price - Words)	(Numeric)	(Numeric)
49 B	1,980	SF	8" Standard Gray Concrete Pavement over 3" Class 6 Aggregate Base Course (Paver Underlayment-Roadways) : including but not limited to: soil preparation, aggregate base course, compaction, concrete, furnishing, hauling, casting, formwork, reinforcement, consolidation, joints, testing, all other materials, labor and equipment necessary for a completed project.		
			(Unit Price - Words)	(Numeric)	(Numeric)
50 B	382	SF	8" Colored Concrete Pavement over 8" Class 6 Aggregate Base Course: including but not limited to: soil preparation, aggregate base course, compaction, concrete, furnishing, hauling, casting, formwork, reinforcement, consolidation, joints, testing, all other materials, labor and equipment necessary for a completed project.		
			(Unit Price - Words)	(Numeric)	(Numeric)



**BID SCHEDULE**

**7th Street Streetscape Beautification - Phase 1**

BUI Project No. 16024

10/15/2018, Rev. 11/20/18

Item No.	Estimated Quantity	Unit	Description and Unit Price in Words	Unit Price	Total Price
51 B	175	SF	Detectable Warning Plate (at Crosswalk): including but not limited to: all materials, labor and equipment necessary for a completed project.		
			_____ (Unit Price - Words)	_____ (Numeric)	_____ (Numeric)
52 B	155	SF	Concrete Paver Installation (Sand Set): including but not limited to: coordination with City Public Works Dept (City to supply concrete/clay pavers/spacers), aggregate base course, sand setting bed, compaction, furnishing, hauling, formwork, patterns, all other materials, labor and equipment necessary for a completed project.		
			_____ (Unit Price - Words)	_____ (Numeric)	_____ (Numeric)
53 B	5,875	SF	Clay Pavers (Sand Set)(Sidewalks): including but not limited to: pavers, spacers, sand set bedding, furnishing, hauling, formwork, consolidation, joints, patterns, all other materials, labor and equipment necessary for a completed project.		
			_____ (Unit Price - Words)	_____ (Numeric)	_____ (Numeric)
54 B	1,395	SF	Clay Pavers (Mortar Set)(Roadway): including but not limited to: pavers, spacers, mortar, grout, furnishing, hauling, formwork, consolidation, joints, patterns, all other materials, labor and equipment necessary for a completed project.		
			_____ (Unit Price - Words)	_____ (Numeric)	_____ (Numeric)
55 B	1,735	SF	Stone Pavers Installation (Mortar Set)(Roadway, Crosswalks & Sidewalks): including but not limited to: coordination with City Public Works Dept (City to supply stone pavers), mortar, grout, sealer, hauling, formwork, consolidation, joints, patterns, all other materials, labor and equipment necessary for a completed project.		
			_____ (Unit Price - Words)	_____ (Numeric)	_____ (Numeric)

**BID SCHEDULE**  
**7th Street Streetscape Beautification - Phase 1**

BUI Project No. 16024

10/15/2018, Rev. 11/20/18

Item No.	Estimated Quantity	Unit	Description and Unit Price in Words	Unit Price	Total Price
56 B	2,100	SF	5" Hot Mix Asphalt (SX-75,PG 58-28) over 8" Class 6 Aggregate Base Course (nea Staircase): including but not limited to: furnishing, labor, equipment, hauling, compaction, testing, and all materials necessary for a completed project.	_____	_____
			(Unit Price - Words)	(Numeric)	(Numeric)
57 B	220	SF	5" Hot Mix Asphalt (SX-75,PG 58-28) over 12" Class 6 Aggregate Base Course (near Cooper Ave.): including but not limited to: furnishing, labor, equipment, hauling, compaction, testing, and all materials necessary for a completed project.	_____	_____
			(Unit Price - Words)	(Numeric)	(Numeric)
58 B	1	LS	Hot Mix Asphalt Infrared Joint: including but not limited to: furnishing, labor, equipment, and all materials necessary for a completed project.	_____	_____
			(Lump Sum Price - Words)	(Numeric)	(Numeric)
59 B	1	LS	Pavement Markings and Thermoplastics: including but not limited to: furnishing, surface preparation, templates, all other materials, labor and equipment necessary for a completed project.	_____	_____
			(Lump Sum Price - Words)	(Numeric)	(Numeric)
60 B	15.25	SF	New Sign Panel (Class 1): including but not limited to: furnishing, materials, labor and equipment necessary for a completed project.	_____	_____
			(Unit Price - Words)	(Numeric)	(Numeric)
61 B	6	EA	New Sign Post & Base: including but not limited to: furnishing, all materials, labor and equipment necessary for a completed project.	_____	_____
			(Unit Price - Words)	(Numeric)	(Numeric)

**BID SCHEDULE**

**7th Street Streetscape Beautification - Phase 1**

BUI Project No. 16024

10/15/2018, Rev. 11/20/18

Item No.	Estimated Quantity	Unit	Description and Unit Price in Words	Unit Price	Total Price
62 B	1	EA	Reinstall Sign: including but not limited to: furnishing, all materials, labor and equipment necessary for a completed project.		
			<hr/> (Unit Price - Words) <hr/>	<hr/> (Numeric) <hr/>	<hr/> (Numeric) <hr/>
63 B	5	EA	Reinstall Sign(s) Post & Base: including but not limited to: furnishing, all materials, labor and equipment necessary for a completed project.		
			<hr/> (Unit Price - Words) <hr/>	<hr/> (Numeric) <hr/>	<hr/> (Numeric) <hr/>
64 B	71	EA	Bollard and Chain (Install Only): including but not limited to: all materials, labor and equipment necessary for a completed project.		
			<hr/> (Unit Price - Words) <hr/>	<hr/> (Numeric) <hr/>	<hr/> (Numeric) <hr/>
65 B	9	EA	Bollard Bases (Landscape Areas): including but not limited to: all materials, labor and equipment necessary for a completed project.		
			<hr/> (Unit Price - Words) <hr/>	<hr/> (Numeric) <hr/>	<hr/> (Numeric) <hr/>
66 B	1	LS	Reinstall Salvaged Furniture: including but not limited to: all materials, labor and equipment necessary for a completed project.		
			<hr/> (Lump Sum Price - Words) <hr/>	<hr/> (Numeric) <hr/>	<hr/> (Numeric) <hr/>
67 B	1	LS	Force Account (for Minor Contract Revisions): including but not limited to: furnishing, all other materials, labor and equipment necessary for a completed project.		
				\$ 25,000.00	\$ 25,000.00
			<hr/> (Lump Sum Price - Words) <hr/>	<hr/> (Numeric) <hr/>	<hr/> (Numeric) <hr/>
			<b>Total of All Items (Complete Project):</b>		

**BID SCHEDULE**

**7th Street Streetscape Beautification - Phase 1**

BUI Project No. 16024

10/15/2018, Rev. 11/20/18

Item No.	Estimated Quantity	Unit	Description and Unit Price in Words	Unit Price	Total Price
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**Alternates:**

Alternate pricing is requested to install Colored Concrete Pavement in the roadway in place of the Clay Pavers from Sta: 601 + 64.8 to 602 + 17.1. The Stone Pavers Installation (Mortar Set) shall remain with exception of the stone centerline stripes which shall be preplaced with epoxy pavement markings. This shall require the following changes to the Bid:

Alt-1 B	-1,980	EA	Delete Item#41B-8" Standard Gray Concrete Pavement over 3" Class 6 Aggregate Base Course (Paver Underlayment-Roadways)(Subtraction)(Unit Prices shall match previous)		
			<hr/> <u>(Unit Price - Words)</u>	<hr/> <u>(Numeric)</u>	<hr/> <u>(Numeric)</u>
Alt-2 B	-1,395	EA	Delete Item#46B-Clay Pavers (Mortar Set)(Roadway) (Subtraction)(Unit Prices shall match previous)		
			<hr/> <u>(Unit Price - Words)</u>	<hr/> <u>(Numeric)</u>	<hr/> <u>(Numeric)</u>
Alt-3 B	-36	EA	Reduce Quantity of Item#47B-Stone Pavers Installation (Mortar Set)(Roadway, Crosswalks & Sidewalks)(Subtraction)(Unit Prices shall match previous)		
			<hr/> <u>(Unit Price - Words)</u>	<hr/> <u>(Numeric)</u>	<hr/> <u>(Numeric)</u>
Alt-4 B	1,115	SF	8" Standard Gray Concrete Pavement over 3" Class 6 Aggregate Base Course (Paver Underlayment-Roadways) : including but not limited to: soil preparation, aggregate base course, compaction, concrete, furnishing, hauling, casting, formwork, reinforcement, consolidation, joints, testing, all other materials, labor and equipment necessary for a completed project.		
			<hr/> <u>(Unit Price - Words)</u>	<hr/> <u>(Numeric)</u>	<hr/> <u>(Numeric)</u>

**BID SCHEDULE**

**7th Street Streetscape Beautification - Phase 1**

BUI Project No. 16024

10/15/2018, Rev. 11/20/18

Item No.	Estimated Quantity	Unit	Description and Unit Price in Words	Unit Price	Total Price
Alt-5 B	865	SF	8" Colored Concrete Pavement over 8" Class 6 Aggregate Base Course: including but not limited to: soil preparation, aggregate base course, compaction, concrete, furnishing, hauling, casting, formwork, reinforcement, consolidation, joints, testing, all other materials, labor and equipment necessary for a completed project.		
			(Unit Price - Words)	(Numeric)	(Numeric)
Alt-6 B	630	SF	Clay Pavers (Mortar Set)(Roadway): including but not limited to: pavers, spacers, mortar, grout, furnishing, hauling, formwork, consolidation, joints, patterns, all other materials, labor and equipment necessary for a completed project.		
			(Unit Price - Words)	(Numeric)	(Numeric)
Alt-7 B	1	LS	Additional Pavement Markings (Centerline): including but not limited to: furnishing, surface preparation, templates, all other materials, labor and equipment necessary for a completed project.		
			(Lump Sum Price - Words)	(Numeric)	(Numeric)
<b>Total of All Items (Complete Project with Alternates):</b>					

**BID SCHEDULE****7th Street Streetscape Beautification - Phase 2**

BUI Project No. 16024

10/15/2018, Rev. 11/20/18

Item No.	Estimated Quantity	Unit	Description and Unit Price in Words	Unit Price	Total Price
1 C	1	LS	Mobilization, Demobilization and Incidentals: including but not limited to: all permits, coordination, labor, equipment, all other materials, services, safety, utility locates, excavations, soil preparations, site grading, vertical adjustments to existing utility structures or other items not individual itemized but required to effect construction, initiation, and completion of the project.		
			(Lump Sum Price - Words)	(Numeric)	(Numeric)
2 C	1	LS	Performance and Payment Bonds.		
			(Lump Sum Price - Words)	(Numeric)	(Numeric)
3 C	1	LS	Construction Surveying and As-built Mapping: including but not limited to: all materials, labor and equipment necessary for establishing property line control, providing construction stakes, resetting damaged property corners or control markers, asbuilt mapping of all installed and encountered underground piping, for a complete project.		
			(Lump Sum Price - Words)	(Numeric)	(Numeric)
4 C	1	LS	Traffic Control: including but not limited: permitting, fees, reporting, all other materials, labor and equipment necessary for a completed project.		
			(Lump Sum Price - Words)	(Numeric)	(Numeric)
5 C	1	LS	Testing of Materials and Quality Assurance: including but not limited: coordination, material sampling, field and lab testing, reporting, all other materials, labor and equipment necessary for a completed project.		
			(Lump Sum Price - Words)	(Numeric)	(Numeric)

**BID SCHEDULE****7th Street Streetscape Beautification - Phase 2**

BUI Project No. 16024

10/15/2018, Rev. 11/20/18

Item No.	Estimated Quantity	Unit	Description and Unit Price in Words	Unit Price	Total Price
6 C	1	LS	Removal and Salvage of Materials (Signs, Posts, Bases, Lights, Furniture, Frames & Grates, etc.): including but not limited to: excavation, removal, hauling, delivery of salvaged materials, disposal of waste, all other materials, labor and equipment necessary for a completed project.		
			(Lump Sum Price - Words)	(Numeric)	(Numeric)
7 C	2	EA	Removal of Tree: including but not limited to: removal, hauling, disposal, all other materials, labor and equipment necessary for a completed project.		
			(Unit Price - Words)	(Numeric)	(Numeric)
8 C	4,235	SF	Removal of Concrete Sidewalk, Flatwork, Curb and Pavers: including but not limited to: removal, hauling, disposal, sawcuts, salvage of pavers and dome plates, all other materials, labor and equipment necessary for a completed project.		
			(Unit Price - Words)	(Numeric)	(Numeric)
9 C	305	LF	Removal of Vertical Concrete Wall: including but not limited to: removal, hauling, disposal, sawcuts, all other materials, labor and equipment necessary for a completed project.		
			(Unit Price - Words)	(Numeric)	(Numeric)
10 C	1	LS	Removal of Steel Handrail & Grout Holes: including but not limited to: removal, hauling, disposal, sawcuts, all other materials, labor and equipment necessary for a completed project.		
			(Lump Sum Price - Words)	(Numeric)	(Numeric)

**BID SCHEDULE**

**7th Street Streetscape Beautification - Phase 2**

BUI Project No. 16024

10/15/2018, Rev. 11/20/18

Item No.	Estimated Quantity	Unit	Description and Unit Price in Words	Unit Price	Total Price
11 C	3,348	SF	Removal of Asphalt (Disposal): including but not limited to: removal, stockpiling, hauling, disposal, sawcuts, all other materials, labor and equipment necessary for a completed project.		
			(Unit Price - Words)	(Numeric)	(Numeric)
12 C	2,085	SF	Removal of Asphalt (Disposal)(From Phase 1): including but not limited to: removal, stockpiling, hauling, disposal, sawcuts, all other materials, labor and equipment necessary for a completed project.		
			(Unit Price - Words)	(Numeric)	(Numeric)
13 C	1	LS	Erosion and Sediment Control: including but not limited to: permitting, fees, reporting, all other materials, labor and equipment necessary for a completed project.		
			(Lump Sum Price - Words)	(Numeric)	(Numeric)
14 C	345	LF	Trenching, Bedding & Backfill for Electric and Irrigation Conduits and Boxes: including but not limited to: coordination with City Electric Dept. (City to supply conduit, wire, pull boxes), excavation, bedding, conduit/wire/pull box installation, backfill, compaction, all other materials, labor and equipment necessary for a completed project.		
			(Unit Price - Words)	(Numeric)	(Numeric)
15 C	155	LF	Electric and Irrigation Conduits (2"Ø): including but not limited to: coordination with City Electric Dept., excavation, bedding, conduit, fittings, backfill, compaction, all other materials, labor and equipment necessary for a completed project.		
			(Unit Price - Words)	(Numeric)	(Numeric)



**BID SCHEDULE**

**7th Street Streetscape Beautification - Phase 2**

BUI Project No. 16024

10/15/2018, Rev. 11/20/18

Item No.	Estimated Quantity	Unit	Description and Unit Price in Words	Unit Price	Total Price
16 C	570	LF	Electric and Irrigation Conduits (3"Ø): including but not limited to: coordination with City Electric Dept., excavation, bedding, conduit, fittings, backfill, compaction, all other materials, labor and equipment necessary for a completed project.		
			(Unit Price - Words)	(Numeric)	(Numeric)
17 C	105	LF	Electric and Irrigation Conduits (4"Ø): including but not limited to: coordination with City Electric Dept., excavation, bedding, conduit, fittings, backfill, compaction, all other materials, labor and equipment necessary for a completed project.		
			(Unit Price - Words)	(Numeric)	(Numeric)
18 C	1	EA	Electric or Irrigation Box (Concrete): including but not limited to: coordination with City Electric Dept., excavation, bedding, box, backfill, compaction, all other materials, labor and equipment necessary for a completed project.		
			(Unit Price - Words)	(Numeric)	(Numeric)
19 C	1	LS	Electrical System Wire and Electrician: including but not limited to: materials, labor and equipment necessary for a completed project.		
			(Lump Sum Price - Words)	(Numeric)	(Numeric)
20 C	4	EA	Light Pole Base: including but not limited to: coordination with City Electric Dept., excavation, bedding, backfill, compaction, concrete base (pole/lamp/wiring provided by others), all other materials, labor and equipment necessary for a completed project.		
			(Unit Price - Words)	(Numeric)	(Numeric)

**BID SCHEDULE**

**7th Street Streetscape Beautification - Phase 2**

BUI Project No. 16024

10/15/2018, Rev. 11/20/18

Item No.	Estimated Quantity	Unit	Description and Unit Price in Words	Unit Price	Total Price
21 C	1	EA	Core Ex. Storm Sewer Pipe and Connect: including but not limited to: demolitions, furnishing, hauling, casting, formwork, adaptor, excavation, bedding, backfill, compaction, all other materials, labor and equipment necessary for a completed project.		
			<hr/> <p>(Unit Price - Words)</p>	<hr/> <p>(Numeric)</p>	<hr/> <p>(Numeric)</p>
22 C	1	EA	New Inlet Cover and Grate (Inlet-C-708): including but not limited to: furnishing, hauling, casting, formwork, reinforcement, consolidation, excavation, bedding, backfill, compaction, all other materials, labor and equipment necessary for a completed project.		
			<hr/> <p>(Unit Price - Words)</p>	<hr/> <p>(Numeric)</p>	<hr/> <p>(Numeric)</p>
23 C	1	EA	New Sanitary Sewer Service: including but not limited to: furnishing, hauling, excavation, insulation, bedding, backfill, compaction, all other materials, labor and equipment necessary for a completed project.		
			<hr/> <p>(Unit Price - Words)</p>	<hr/> <p>(Numeric)</p>	<hr/> <p>(Numeric)</p>
24 C	3	EA	Cleanout (Sanitary & Storm Sewer): including but not limited to: furnishing, Nyloplast cover, hauling, casting, formwork, excavation, bedding, backfill, compaction, all other materials, labor and equipment necessary for a completed project.		
			<hr/> <p>(Unit Price - Words)</p>	<hr/> <p>(Numeric)</p>	<hr/> <p>(Numeric)</p>
25 C	2	EA	Utility Access Cover (Wundercover WC70x70): including but not limited to: furnishing, hauling, formwork, grout, all other materials, labor and equipment necessary for a completed project.		
			<hr/> <p>(Unit Price - Words)</p>	<hr/> <p>(Numeric)</p>	<hr/> <p>(Numeric)</p>

**BID SCHEDULE**

**7th Street Streetscape Beautification - Phase 2**

BUI Project No. 16024

10/15/2018, Rev. 11/20/18

Item No.	Estimated Quantity	Unit	Description and Unit Price in Words	Unit Price	Total Price
26 C	470	LF	12"Hx 1/2"Thick Cor-Ten Steel Edge Wall: including but not limited to: furnishing, hauling, welding, reinforcement, supports, testing, all other materials, labor and equipment necessary for a completed project.		
			<hr/> <p>(Unit Price - Words)</p>	<hr/> <p>(Numeric)</p>	<hr/> <p>(Numeric)</p>
27 C	1	LS	Underdrain (Pervious Paver System): including but not limited to: perforated pipe, solid pipe, fittings, adaptors, pipe boots, connections, cleanouts, covers, excavation, bedding, backfill, compaction, all other materials, labor and equipment necessary for a completed project.		
			<hr/> <p>(Lump Sum Price - Words)</p>	<hr/> <p>(Numeric)</p>	<hr/> <p>(Numeric)</p>
28 C	66	LF	12"x12" Concrete Curb (Pervious Paver System): including but not limited to: soil preparation, aggregate base course, compaction, concrete, furnishing, hauling, casting, formwork, reinforcement, consolidation, joints, testing, all other materials, labor and equipment necessary for a completed project.		
			<hr/> <p>(Unit Price - Words)</p>	<hr/> <p>(Numeric)</p>	<hr/> <p>(Numeric)</p>
29 C	650	SF	Geomembrane (30 Mil PVC)(Pervious Paver System): including but not limited to: furnishing, hauling, welding, fasteners, testing, all other materials, labor and equipment necessary for a completed project.		
			<hr/> <p>(Unit Price - Words)</p>	<hr/> <p>(Numeric)</p>	<hr/> <p>(Numeric)</p>
30 C	370	SF	CDOT Class-C Filter Media (6" Depth)(Pervious Paver System): including but not limited to: furnishing, labor, equipment, hauling, compaction, testing, and all materials necessary for a completed project.		
			<hr/> <p>(Unit Price - Words)</p>	<hr/> <p>(Numeric)</p>	<hr/> <p>(Numeric)</p>

**BID SCHEDULE**

**7th Street Streetscape Beautification - Phase 2**

BUI Project No. 16024

10/15/2018, Rev. 11/20/18

Item No.	Estimated Quantity	Unit	Description and Unit Price in Words	Unit Price	Total Price
31 C	982	SF	Geotextile (Filter Fabric)(Pervious Paver System & Drivable Grass Pavers): including but not limited to: furnishing, hauling, fasteners, testing, all other materials, labor and equipment necessary for a completed project.		
			<hr/> (Unit Price - Words) <hr/>	<hr/> (Numeric) <hr/>	<hr/> (Numeric) <hr/>
32 C	370	SF	CDOT #67 Aggregate Base Course (6" Depth) (Pervious Paver System): including but not limited to: furnishing, labor, equipment, hauling, compaction, testing, and all materials necessary for a completed project.		
			<hr/> (Unit Price - Words) <hr/>	<hr/> (Numeric) <hr/>	<hr/> (Numeric) <hr/>
33 C	322	SF	Clay Pervious Pavers (Pervious Paver System): including but not limited to: pavers, spacers, aggregate bedding, furnishing, hauling, formwork, consolidation, patterns, all other materials, labor and equipment necessary for a completed project.		
			<hr/> (Unit Price - Words) <hr/>	<hr/> (Numeric) <hr/>	<hr/> (Numeric) <hr/>
34 C	48	SF	Stone Paver Installation (Pervious Paver System): including but not limited to: coordination with City Public Works Dept. (City to supply stone pavers), spacers, aggregate bedding, furnishing, hauling, formwork, consolidation, patterns, all other materials, labor and equipment necessary for a completed project.		
			<hr/> (Unit Price - Words) <hr/>	<hr/> (Numeric) <hr/>	<hr/> (Numeric) <hr/>
35 C	24	CY	Amended Topsoil: including but not limited to: furnishing, all other materials, labor and equipment necessary for a completed project.		
			<hr/> (Unit Price - Words) <hr/>	<hr/> (Numeric) <hr/>	<hr/> (Numeric) <hr/>

**BID SCHEDULE**

**7th Street Streetscape Beautification - Phase 2**

BUI Project No. 16024

10/15/2018, Rev. 11/20/18

Item No.	Estimated Quantity	Unit	Description and Unit Price in Words	Unit Price	Total Price
36 C	111	LF	Curb and Gutter (IB, IIB, IM, IIM, Barrier, Ribbon or Special): including but not limited to: soil preparation, aggregate base course, compaction, concrete, furnishing, hauling, casting, formwork, reinforcement, consolidation, joints, testing, all other materials, labor and equipment necessary for a completed project.		
			(Unit Price - Words)	(Numeric)	(Numeric)
37 C	20	SF	4" Standard Gray Concrete (Sidewalks) over 6" Class 6 Aggregate Base Course: including but not limited to: soil preparation, aggregate base course, compaction, concrete, furnishing, hauling, casting, formwork, reinforcement, consolidation, joints, testing, all other materials, labor and equipment necessary for a completed project.		
			(Unit Price - Words)	(Numeric)	(Numeric)
38 C	2,225	SF	4" Standard Gray Concrete Pavement over 4" Class 6 Aggregate Base Course (Paver Underlayment-Sidewalks): including but not limited to: soil preparation, aggregate base course, compaction, concrete, furnishing, hauling, casting, formwork, reinforcement, consolidation, joints, testing, all other materials, labor and equipment necessary for a completed project.		
			(Unit Price - Words)	(Numeric)	(Numeric)
39 C	4,135	SF	8" Standard Gray Concrete Pavement over 3" Class 6 Aggregate Base Course (Paver Underlayment-Roadways) : including but not limited to: soil preparation, aggregate base course, compaction, concrete, furnishing, hauling, casting, formwork, reinforcement, consolidation, joints, testing, all other materials, labor and equipment necessary for a completed project.		
			(Unit Price - Words)	(Numeric)	(Numeric)

**BID SCHEDULE**

**7th Street Streetscape Beautification - Phase 2**

BUI Project No. 16024

10/15/2018, Rev. 11/20/18

Item No.	Estimated Quantity	Unit	Description and Unit Price in Words	Unit Price	Total Price
40 C	930	SF	8" Colored Concrete Pavement over 8" Class 6 Aggregate Base Course: including but not limited to: soil preparation, aggregate base course, compaction, concrete, furnishing, hauling, casting, formwork, reinforcement, consolidation, joints, testing, all other materials, labor and equipment necessary for a completed project.		
			<hr/> <p>(Unit Price - Words)</p>	<hr/> <p>(Numeric)</p>	<hr/> <p>(Numeric)</p>
41 C	12	SF	Detectable Warning Plate (at Crosswalk): including but not limited to: all materials, labor and equipment necessary for a completed project.		
			<hr/> <p>(Unit Price - Words)</p>	<hr/> <p>(Numeric)</p>	<hr/> <p>(Numeric)</p>
42 C	242	SF	Geogrid (Driveway): including but not limited to: furnishing, hauling, fasteners, testing, all other materials, labor and equipment necessary for a completed project.		
			<hr/> <p>(Unit Price - Words)</p>	<hr/> <p>(Numeric)</p>	<hr/> <p>(Numeric)</p>
43 C	242	SF	Drivable Grass Permeable Pavers (Sand Set)(Driveway): including but not limited to: pavers, spacers, sand set bedding, furnishing, hauling, formwork, consolidation, joints, patterns, all other materials, labor and equipment necessary for a completed project.		
			<hr/> <p>(Unit Price - Words)</p>	<hr/> <p>(Numeric)</p>	<hr/> <p>(Numeric)</p>
44 C	1,940	SF	Clay Pavers (Sand Set)(Sidewalks and Ramp): including but not limited to: pavers, spacers, sand set bedding, furnishing, hauling, formwork, consolidation, joints, patterns, all other materials, labor and equipment necessary for a completed project.		
			<hr/> <p>(Unit Price - Words)</p>	<hr/> <p>(Numeric)</p>	<hr/> <p>(Numeric)</p>

**BID SCHEDULE**

**7th Street Streetscape Beautification - Phase 2**

BUI Project No. 16024

10/15/2018, Rev. 11/20/18

Item No.	Estimated Quantity	Unit	Description and Unit Price in Words	Unit Price	Total Price
45 C	3,580	SF	Clay Pavers (Mortar Set)(Roadway & Parking): including but not limited to: pavers, spacers, mortar, grout, furnishing, hauling, formwork, consolidation, joints, patterns, all other materials, labor and equipment necessary for a completed project.		
			<hr/> <p>(Unit Price - Words)</p>	<hr/> <p>(Numeric)</p>	<hr/> <p>(Numeric)</p>
46 C	830	SF	Stone Pavers Installation (Mortar Set)(Roadway, Parking & Sidewalks): including but not limited to: coordination with City Public Works Dept. (City to supply stone pavers), mortar, grout, sealer, hauling, formwork, consolidation, joints, patterns, all other materials, labor and equipment necessary for a completed project.		
			<hr/> <p>(Unit Price - Words)</p>	<hr/> <p>(Numeric)</p>	<hr/> <p>(Numeric)</p>
47 C	3,580	SF	Sandstone Flagstones (Mortar Set)(South Sidewalk): including but not limited to: pavers, spacers, mortar, grout, sealer, furnishing, hauling, formwork, consolidation, joints, patterns, all other materials, labor and equipment necessary for a completed project.		
			<hr/> <p>(Unit Price - Words)</p>	<hr/> <p>(Numeric)</p>	<hr/> <p>(Numeric)</p>
48 C	6.00	SF	New Sign Panel (Class 1): including but not limited to: furnishing, materials, labor and equipment necessary for a completed project.		
			<hr/> <p>(Unit Price - Words)</p>	<hr/> <p>(Numeric)</p>	<hr/> <p>(Numeric)</p>
49 C	2	EA	New Sign Post & Base: including but not limited to: furnishing, all materials, labor and equipment necessary for a completed project.		
			<hr/> <p>(Unit Price - Words)</p>	<hr/> <p>(Numeric)</p>	<hr/> <p>(Numeric)</p>
50 C	1	EA	New Slipbase: including but not limited to: furnishing, all materials, labor and equipment necessary for a completed project.		
			<hr/> <p>(Unit Price - Words)</p>	<hr/> <p>(Numeric)</p>	<hr/> <p>(Numeric)</p>

**BID SCHEDULE**

**7th Street Streetscape Beautification - Phase 2**

BUI Project No. 16024

10/15/2018, Rev. 11/20/18

Item No.	Estimated Quantity	Unit	Description and Unit Price in Words	Unit Price	Total Price
51 C	5	EA	Reinstall Sign(s) Post & Base: including but not limited to: furnishing, all materials, labor and equipment necessary for a completed project.		
			<hr/> (Unit Price - Words)	<hr/> (Numeric)	<hr/> (Numeric)
52 C	43	EA	Bollard and Chain (Install Only): including but not limited to: all materials, labor and equipment necessary for a completed project.		
			<hr/> (Unit Price - Words)	<hr/> (Numeric)	<hr/> (Numeric)
53 C	30	EA	Bollard Bases (Landscape Areas & On Inlet): including but not limited to: all materials, labor and equipment necessary for a completed project.		
			<hr/> (Unit Price - Words)	<hr/> (Numeric)	<hr/> (Numeric)
54 C	152	LF	Pedestrian Railing: including but not limited to: furnishing, all materials, labor and equipment necessary for a completed project.		
			<hr/> (Unit Price - Words)	<hr/> (Numeric)	<hr/> (Numeric)
55 C	1	LS	Reinstall Salvaged Furniture: including but not limited to: all materials, labor and equipment necessary for a completed project.		
			<hr/> (Lump Sum Price - Words)	<hr/> (Numeric)	<hr/> (Numeric)
56 C	1	LS	Force Account (for Minor Contract Revisions): including but not limited to: furnishing, all other materials, labor and equipment necessary for a completed project.		
				\$ 25,000.00	\$ 25,000.00
			<hr/> (Lump Sum Price - Words)	<hr/> (Numeric)	<hr/> (Numeric)
			<b>Total of All Items (Complete Project):</b>	<hr/> <hr/>	<hr/> <hr/>



**BID SCHEDULE**

**7th Street Streetscape Beautification - Phase 2**

BUI Project No. 16024

10/15/2018, Rev. 11/20/18

Item No.	Estimated Quantity	Unit	Description and Unit Price in Words	Unit Price	Total Price
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**Alternates:**

Alternate pricing is requested to install Colored Concrete Pavement in the roadway and south parking area in place of the Clay Pavers. The Stone Pavers Installation (Mortar Set) shall remain with exception of the stone centerline stripes which shall be preplaced with epoxy pavement markings. This shall require the following changes to the Bid:

Alt-1 C	-4,135	EA	Delete Item#34C-8" Standard Gray Concrete Pavement over 3" Class 6 Aggregate Base Course (Paver Underlayment-Roadways)(Subtraction)(Unit Prices shall match previous)		
			_____ (Unit Price - Words)	_____ (Numeric)	_____ (Numeric)
Alt-2 C	-3,580	EA	Delete Item#39C-Clay Pavers (Mortar Set)(Roadway & Parking)(Subtraction)(Unit Prices shall match previous)		
			_____ (Unit Price - Words)	_____ (Numeric)	_____ (Numeric)
Alt-3 C	-140	EA	Reduce Quantity of Item#40C-Stone Pavers Installation (Mortar Set)(Roadway, Crosswalks & Sidewalks)(Subtraction)(Unit Prices shall match previous)		
			_____ (Unit Price - Words)	_____ (Numeric)	_____ (Numeric)
Alt-4 C	4,135	SF	8" Colored Concrete Pavement over 8" Class 6 Aggregate Base Course: including but not limited to: soil preparation, aggregate base course, compaction, concrete, furnishing, hauling, casting, formwork, reinforcement, consolidation, joints, testing, all other materials, labor and equipment necessary for a completed project.		
			_____ (Unit Price - Words)	_____ (Numeric)	_____ (Numeric)
Alt-5 C	1	LS	Pavement Markings: including but not limited to: furnishing, surface preparation, templates, all other materials, labor and equipment necessary for a completed project.		
			_____ (Lump Sum Price - Words)	_____ (Numeric)	_____ (Numeric)

**Total of All Items (Complete Project with Alternates):** \_\_\_\_\_

**BID SCHEDULE**  
**Completion Date Alternatives**

BUI Project No. 16024

10/15/2018, Rev. 11/20/18

Item No.	Estimated Quantity	Unit	Description and Unit Price in Words	Unit Price	Total Price
Incentive Fees are requested for completion of all work, including Project Closeout and Demobilization, of awarded projects before Thursday August 29, 2019. The following alternatives shall be considered:					
Alt-1 D	1	LS	Completion of all work for 7th Street Sanitary Sewer by Thursday, May 23, 2019; Completion of all subsurface work (ie. utilities and storm sewer) for 7th Street Streetscape Beautification-Phase 1 by Thursday, May 23, 2019; Completion of all surface work (ie. curb, concrete, stones, pavers, etc.) within the roadway and south of the roadway to the south right-of-way-line for 7th Street Streetscape Beautification-Phase 1 by Thursday, May 23, 2019 and; Completion of all remaining surface work north of the roadway for 7th Street Streetscape Beautification-Phase 1 by Tuesday, July 2, 2019.		
			(Lump Sum Price - Words)	(Numeric)	(Numeric)
Alt-2 D	1	LS	Completion of all work for 7th Street Sanitary Sewer and 7th Street Streetscape Beautification-Phase 1 by Thursday, May 23, 2019.		
			(Lump Sum Price - Words)	(Numeric)	(Numeric)
Alt-3 D	1	LS	Completion of all work for 7th Street Sanitary Sewer by Tuesday, July 2, 2019; Completion of all subsurface work (ie. utilities and storm sewer) for 7th Street Streetscape Beautification-Phase 1 <i>and Phase 2</i> by Tuesday, July 2, 2019; Completion of all surface work (ie. curb, concrete, stones, pavers, etc.) within the roadway and south of the roadway to the south right-of-way-line for 7th Street Streetscape Beautification-Phase 1 <i>and Phase 2</i> by Tuesday, July 2, 2019 and; Completion of all remaining surface work north of the roadway for 7th Street Streetscape Beautification-Phase 1 <i>and Phase 2</i> by Thursday August 29, 2019.		
			(Lump Sum Price - Words)	(Numeric)	(Numeric)

**BID SCHEDULE**  
**Completion Date Alternatives**

BUI Project No. 16024

10/15/2018, Rev. 11/20/18

Item No.	Estimated Quantity	Unit	Description and Unit Price in Words	Unit Price	Total Price
Alt-4 D	1	LS	Completion of all work for 7th Street Sanitary Sewer by Thursday, May 23, 2019; Completion of all subsurface work (ie. utilities and storm sewer) for 7th Street Streetscape Beautification-Phase 1 <i>and Phase 2</i> by Thursday, May 23, 2019; Completion of all surface work (ie. curb, concrete, stones, pavers, etc.) within the roadway and south of the roadway to the south right-of-way-line for 7th Street Streetscape Beautification-Phase 1 <i>and Phase 2</i> by Thursday, May 23, 2019 and; Completion of all remaining surface work north of the roadway for 7th Street Streetscape Beautification-Phase 1 <i>and Phase 2</i> by Tuesday, July 2, 2019.		
			_____ (Lump Sum Price - Words)	_____ (Numeric)	_____ (Numeric)
Alt-5 D	1	LS	Completion of all work for 7th Street Sanitary Sewer, 7th Street Streetscape Beautification-Phase 1 <i>and Phase 2 (All Projects)</i> by Thursday, May 23, 2019.		
			_____ (Lump Sum Price - Words)	_____ (Numeric)	_____ (Numeric)