

November 18, 2019

Ricky W. O'Brien  
[REDACTED]

South Jordan, Utah 84095  
[REDACTED]

Re: GRAMA Records Request received in the South Jordan City Recorder's Office on 11/06/2019.

Request:

1. Copy of bid for Silver Star Construction provided to South Jordan City to repipe (1000 West Florence Way)
2. Copy of Maintenance Easement granted to South Jordan City by the O' Brien's to re-pipe ditch on the O' Brien's side of the fence

Reply:

1. Approved – (19) Pages (Silver Star Construction Bid)
2. No Records Found

If you have any questions, please feel free to contact me at (801) 253-5203 extension 1279.

Sincerely,



Cindy Valdez, CMC  
Deputy Recorder

**CITY OF SOUTH JORDAN**  
**GRAMA Record Request**  
**Fax: 801-254-3393**



The following form should be completely filled out and returned to the City Recorder's office. The City is allowed 10 business days in which to respond to your request. Presently, South Jordan City Charges .25¢ per page. The City may assess other fees for records compiled in a form other than that maintained. Research or Services Fee may be charged as provided by Utah Code 63G-2-203.

Requestor's Name: Ricky W. O'Brien  
 Address: 10004 So. Florence Way City: So. Jordan, UT State: UT Zip: 84095  
 Phone: [redacted] Daytime Fax: [redacted] email: [redacted]

In accordance with the Governmental Records Access Management Act, I am seeking the following record(s) **specifically described as:**

- 1) Copy of bid Silver Star Construction provided So. Jordan City to repipe drain (1000 West Florence Way) Mabeys drain ditch on 1000 W. Florence Way. Bid was submitted 5/2019
- 2) Copy of maintenance Easement granted to South Jordan City by O'Briens to repipe drain ditch on O'Brien's side of fence April or May 2019 (see Devin Serr) He's construction manager aware of both requests.

which I believe are collected, filed and/or used by the City of South Jordan, 1600 W. Towne Center Drive, South Jordan, Utah 84095 (801) 254-3742.

I would like to view/inspect the record(s).

I would like to receive a copy of the record(s) described above. I understand that the City charges a fee for copies of records and the copies will be provided subject to fees being paid. I authorize cost of up to \$ \_\_\_\_\_. If costs are greater than the amount I have specified, I further understand that the office will contact me and will not respond to a request for copies if I have not authorized adequate costs.

Shana O'Brien \_\_\_\_\_ 11/6/2019  
 Signature Date

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**CITY'S RESPONSE TO RECORD REQUEST - FOR OFFICE USE ONLY**

\_\_\_\_ APPROVED - Requestor notified on: \_\_\_\_\_, 20\_\_\_\_

\_\_\_\_ DENIED - Written denial sent on: \_\_\_\_\_, 20\_\_\_\_

\_\_\_\_ NO RECORDS ON FILE - Notice sent to requestor on: \_\_\_\_\_, 20\_\_\_\_

\_\_\_\_ Requestor notified that this office does not maintain the record(s); and, if known, was also notified of the name and address of agency that does maintain the record(s) on: \_\_\_\_\_, 20\_\_\_\_

\_\_\_\_ Extension of time for extraordinary circumstances. Required notice sent to requestor on: \_\_\_\_\_, 20\_\_\_\_

COPY FEES: \$ \_\_\_\_\_. If waived, approved by: \_\_\_\_\_

\_\_\_\_\_  
 Signature Date

**DOCUMENT 00410  
BID SCHEDULE**

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**PART 1 GENERAL**

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**1.1 DOCUMENT INCLUDES**

- A. Price schedule(s).
- B. Measurement and payment provisions.

**1.2 CONSTRUCTION CONTRACT**

- A. The Construction Contract is known as

**South Jordan City  
CHARLOTTE DR / FLORENCE WAY IMPROVEMENTS**

**1.3 REFERENCES**

- A. APWA 01 29 00: Payment Procedures.
- B. Document 00500: Agreement.
- C. Section 01 23 00: Product Options and Substitutions.

**1.4 SCHEDULE TO BE ADDED TO THE AGREEMENT**

- A. This document will be added to the Agreement by reference.

**1.5 MINIMUM QUALIFICATION**

- A. In submitting this bid, BIDDER acknowledges that their company must meet the following minimum qualifications.
  - 1. Upon request by ENGINEER, BIDDER must show that the company has been in existence and operating under the same name for (4) Four years.
  - 2. Upon Request by ENGINEER, BIDDER must provide references for a minimum of (3) three projects where BIDDER functioned as general contractor. Projects must be similar in size and complexity to this project.
  - 3. The above qualifications may be scanned and uploaded on sciquest as part of the electronic bid.

## PART 2 PRICE SCHEDULES

### 2.1 BASE BID

A. Location: The Base Bid covers work at the following sites:

Base Bid:

B. Base Bid: The following schedules constitute the base bid.

Item No.	Item	Unit	Estimated Quantity	Unit Price	Total Estimated Price
A-1	Mobilization and Traffic Control	LUMP	1	\$97,800 <sup>00</sup>	\$97,800 <sup>00</sup>
A-2	Site Preparation and SWPPP	LUMP	1	\$8,000 <sup>00</sup>	\$8,000 <sup>00</sup>
A-3	Materials and Compaction Testing	LUMP	1	\$7,000 <sup>00</sup>	\$7,000 <sup>00</sup>
A-4	Construction Surveying	LUMP	1	\$10,780 <sup>00</sup>	\$10,780 <sup>00</sup>
A-5	Clearing and Grubbing	LUMP	1	\$4,800 <sup>00</sup>	\$4,800 <sup>00</sup>
A-6	Tree and Vegetation Removal	LUMP	1	\$3,500 <sup>00</sup>	\$3,500 <sup>00</sup>
A-7	Remove Existing Roadway Asphalt and Sub-grade	SF	45,250	\$ 1.40	\$63,350 <sup>00</sup>
A-8	Remove Curb & Gutter Sections	LF	144	\$15.00	\$2,160 <sup>00</sup>
A-9	Remove Concrete Sidewalk and Driveways	SF	7,225	\$ 2.75	\$19,868.75
A-10	Remove Asphalt Driveways	SF	1,475	\$2.75	\$4,056.25
A-11	Relocate Mailboxes	EA	12	\$150.00	\$1,800 <sup>00</sup>
A-12	Relocate Vinyl Fencing	LF	117	\$15.00	\$1,755 <sup>00</sup>
A-13	Relocate Wood Rail Fencing	LF	177	\$10.00	\$1,770 <sup>00</sup>
A-14	¾-inch HMA for Roadway and Driveways	TON	1,493	\$ 67.00 5.4 76.50	\$100,031 5,142.45
A-15	UTBC ¾-inch Max. for Roadway and Asphalt Driveways	TON	4,192	\$13.50	\$56,592 <sup>00</sup>
A-16	5-inch Thick Concrete Driveway w/ 6-inch UTBC	SF	4,915	\$7.00	\$34,405 <sup>00</sup>
A-17	Concrete Curb and Gutter w/ 12-inch UTBC	LF	2,560	\$23.00	\$58,880 <sup>00</sup>
A-18	5-inch Thick Concrete Sidewalk w/ 6-inch UTBC	SF	8,290	\$7.00	\$58,030 <sup>00</sup>
A-19	ADA Accessible Pedestrian Ramp w/ 6-inch UTBC	EA	3	\$2,000 <sup>00</sup>	\$6,000 <sup>00</sup>

A-20	5-inch Thick Colored Stamped Concrete w/ 6-inch UTBC	SF	633	\$ 13.00	\$ 8,229 <sup>00</sup>
A-21	Adjust Manhole Lid To Grade	EA	24	\$ 475.00	\$ 11,400 <sup>00</sup>
A-22	Adjust Water Valve Box To Grade	EA	9	\$ 300.00	\$ 2,700 <sup>00</sup>
A-23	Abandon Existing Transite Waterline	LUMP	1	\$ 6,500 <sup>00</sup>	\$ 6,500 <sup>00</sup>
A-24	8-in C-900 PVC	LF	1,300	\$ 58.00	\$ 75,400 <sup>00</sup>
A-25	8-in Gate Valve	EA	4	\$ 1,800 <sup>00</sup>	\$ 7,200 <sup>00</sup>
A-26	6-in Gate Valve	EA	1	\$ 1,400 <sup>00</sup>	\$ 1,400 <sup>00</sup>
A-27	New Fire Hydrant and Connection	EA	1	\$ 5,625 <sup>00</sup>	\$ 5,625 <sup>00</sup>
A-28	Relocate Existing Fire Hydrant and New Connection	EA	2	\$ 3,100 <sup>00</sup>	\$ 6,200 <sup>00</sup>
A-29	Relocate Existing 3/4 - in Meter	EA	4	\$ 1,200 <sup>00</sup>	\$ 4,800 <sup>00</sup>
A-30	Connect to Existing 3/4 - in Meter	EA	11	\$ 800.00	\$ 8,800 <sup>00</sup>
A-31	Connect to Existing 1-in Meter	EA	1	\$ 750.00	\$ 750.00
A-32	Install New 3/4-in Meter Box and Setter for Future Meter	EA	1	\$ 1,200 <sup>00</sup>	\$ 1,200 <sup>00</sup>
A-33	New 1-in Service Connection	EA	1	\$ 1,425 <sup>00</sup>	\$ 1,425 <sup>00</sup>
A-34	New 3/4-in Service Connection	EA	16	\$ 1,400 <sup>00</sup>	\$ 22,400 <sup>00</sup>
A-35	New 1-in Poly Service Line	LF	42	\$ 20.00	\$ 840.00
A-36	New 3/4-in Poly Service Line	LF	380	\$ 19.00	\$ 7,220 <sup>00</sup>
A-37	Connections to Existing Culinary Water Systems	EA	2	\$ 3,500 <sup>00</sup>	\$ 7,000 <sup>00</sup>
A-38	Storm Drain 5-foot Diameter Manhole	EA	2	\$ 3,700 <sup>00</sup>	\$ 7,400 <sup>00</sup>
A-39	Storm Drain 6-foot Diameter Manhole	EA	13	\$ 6,150 <sup>00</sup>	\$ 79,950 <sup>00</sup>
A-40	Storm Drain Combo Box	EA	2	\$ 6,250 <sup>00</sup>	\$ 12,500 <sup>00</sup>
A-41	Storm Drain Catch Basin (18x96)	EA	2	\$ 3,800 <sup>00</sup>	\$ 7,600 <sup>00</sup>
A-42	Storm Drain Catch Basin (18x48)	EA	9	\$ 3,200 <sup>00</sup>	\$ 28,800 <sup>00</sup>
A-43	30-in RCP	LF	1,118	\$ 105.00	\$ 117,340 <sup>00</sup>
A-44	18-in RCP	LF	443	\$ 70.00	\$ 31,010 <sup>00</sup>
A-45	18-in ADS Irrigation	LF	310	\$ 50.00	\$ 15,500 <sup>00</sup>
A-46	Existing Storm Drain Box Interties	EA	2	\$ 850.00	\$ 1,700 <sup>00</sup>
A-47	Relocate Existing Street Lights	EA	2	\$ 1,100 <sup>00</sup>	\$ 2,200 <sup>00</sup>
A-48	Landscape Restoration	LUMP	1	\$ 7,900 <sup>00</sup>	\$ 7,900 <sup>00</sup>

BASE BID TOTAL = \$ 1,031,617<sup>00</sup>

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**PART 2 PRICE SCHEDULES**

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**2.1 BASE BID**

A. Location: The Base Bid covers work at the following sites:

Base Bid: *The Work at Charlotte Dr and Florence Way (9975 S 950 W) generally includes but is not limited to Clearing and Grubbing for Proposed Improvements; Tree and Vegetation Removal and Disposal; Demolition and/or Relocation of Existing Residents Landscape, Landscape features, Irrigation, Walls, Fencing and any other Improvements affected by construction; Demolition, Removal and Disposal of Existing Residents Concrete and/or Asphalt Driveway Sections, Walls and Curbing; Demolition, Removal and Disposal of Existing Asphalt Roadway and Sub-Grade; Demolition and Removal of Existing Concrete Pedestrian Ramps including Concrete Curb & Gutter and Asphalt Sections; Relocate Existing Mailboxes; Relocate and/or Replace Water Meters; Relocate Fire Hydrants; Demolition and Removal of Flood Irrigation and Storm Drain Pipes and Boxes: Demolition, Removal and Disposal of Existing Concrete Sidewalk Sections and Concrete Curb & Gutter Sections; Site Grading; Storm Drain Systems; Flood Irrigation Systems; Asphalt Paving; Concrete Curb & Gutter; Concrete Sidewalks; Landscaping; Driveway Approaches and Driveway Connections; ADA Compliant Pedestrian Ramps; Mill and 2-in Overlay; Raise Utility Lids to Grade; Street Lighting; Place Power Conduits; Signage and Roadway Striping; Residents Landscape and Irrigation Repair and any other Materials and Labor necessary to complete job based on construction plans.*

**2.1 BASE BID**

A. Location: The Base Bid covers work at the following sites:

Base Bid:

B. Base Bid: The following schedules constitute the base bid.

Item No.	Item	Unit	Estimated Quantity	Unit Price	Total Estimated Price
A-1	Mobilization and Traffic Control	LUMP	1	\$	\$
A-2	Site Preparation and SWPPP	LUMP	1	\$	\$
A-3	Materials and Compaction Testing	LUMP	1	\$	\$

A-4	Construction Surveying	LUMP	1	\$	\$
A-5	Clearing and Grubbing	LUMP	1	\$	\$
A-6	Tree and Vegetation Removal	LUMP	1	\$	\$
A-7	Remove Existing Roadway Asphalt and Sub-grade	SF	45,250	\$	\$
A-8	Remove Curb & Gutter Sections	LF	144	\$	\$
A-9	Remove Concrete Sidewalk and Driveways	SF	7,225	\$	\$
A-10	Remove Asphalt Driveways	SF	1,475	\$	\$
A-11	Relocate Mailboxes	EA	12	\$	\$
A-12	Relocate Vinyl Fencing	LF	117	\$	\$
A-13	Relocate Wood Rail Fencing	LF	177	\$	\$
A-14	¾-inch HMA for Roadway and Driveways	TON	1,493	\$	\$
A-15	UTBC ¾-inch Max. for Roadway and Asphalt Driveways	TON	4,192	\$	\$
A-16	5-inch Thick Concrete Driveway w/ 6-inch UTBC	SF	4,915	\$	\$
A-17	Concrete Curb and Gutter w/ 12-inch UTBC	LF	2,560	\$	\$
A-18	5-inch Thick Concrete Sidewalk w/ 6-inch UTBC	SF	8,290	\$	\$
A-19	ADA Accessible Pedestrian Ramp w/ 6-inch UTBC	EA	3	\$	\$
A-20	5-inch Thick Colored Stamped Concrete w/ 6-inch UTBC	SF	633	\$	\$
A-21	Adjust Manhole Lid To Grade	EA	24	\$	\$
A-22	Adjust Water Valve Box To Grade	EA	9	\$	\$
A-23	Abandon Existing Transite Waterline	LUMP	1	\$	\$
A-24	8-in C-900 PVC	LF	1,300	\$	\$
A-25	8-in Gate Valve	EA	4	\$	\$
A-26	6-in Gate Valve	EA	1	\$	\$
A-27	New Fire Hydrant and Connection	EA	1	\$	\$
A-28	Relocate Existing Fire Hydrant and New Connection	EA	2	\$	\$
A-29	Relocate Existing 3/4 - in Meter	EA	4	\$	\$
A-30	Connect to Existing 3/4 - in Meter	EA	11	\$	\$
A-31	Connect to Existing 1-in Meter	EA	1	\$	\$
A-32	Install New ¾-in Meter Box and Setter for Future Meter	EA	1	\$	\$
A-33	New 1-in Service Connection	EA	1	\$	\$

A-34	New 3/4-in Service Connection	EA	16	\$	\$
A-35	New 1-in Poly Service Line	LF	42	\$	\$
A-36	New 3/4-in Poly Service Line	LF	380	\$	\$
A-37	Connections to Existing Culinary Water Systems	EA	2	\$	\$
A-38	Storm Drain 5-foot Diameter Manhole	EA	2	\$	\$
A-39	Storm Drain 6-foot Diameter Manhole	EA	13	\$	\$
A-40	Storm Drain Combo Box	EA	2	\$	\$
A-41	Storm Drain Catch Basin (18x96)	EA	2	\$	\$
A-42	Storm Drain Catch Basin (18x48)	EA	9	\$	\$
A-43	30-in RCP	LF	1,118	\$	\$
A-44	18-in RCP	LF	443	\$	\$
A-45	18-in ADS Irrigation	LF	310	\$	\$
A-46	Existing Storm Drain Box Interties	EA	2	\$	\$
A-47	Relocate Existing Street Lights	EA	2	\$	\$
A-48	Landscape Restoration	LUMP	1	\$	\$

BASE BID TOTAL = \$ \_\_\_\_\_

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**PART 3 MEASUREMENT AND PAYMENT**

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**3.1.0 GENERAL**

- A. Units of measurement are listed above in the price schedule(s).
- B. Measurement and payment procedures follow APWA Section 01290.
- C. OWNER or ENGINEER will take all measurements and compute all quantities.
- D. CONTRACTOR shall verify measurement and quantities.
- E. CONTRACTOR shall provide all equipment, workers, and survey crews to assist ENGINEER in making measurements.
- G. All incidental items necessary to perform the work according to the APWA Standard Specifications, Construction Drawings, Standard Details, Project Details, Special Provisions, Project Specific Notes, and General Notes shall be included in the CONTRACTOR'S bid with the closest related item.

**3.2.0 BID ITEMS –**

**3.2.1 MOBILIZATION AND TRAFFIC CONTROL, Bid Item No. A-1**

- A. Measurement shall be Lump Sum.
- B. Payment shall be full compensation to CONTRACTOR for all preparatory operations for the project, including, but not limited to those items necessary for the project site: acquisition and payment of all permits; furnishing construction power; furnishing, erection, and maintenance of construction signs; mobilization, demobilization, installation of temporary facilities including the access roadway, and for all costs associated with the project that are not included in other bid items. Payment will be made on a percentage basis as follows:

Percent of Original Contract Amount Earned	Percent of Amount Bid for Mobilization to be Paid
5	40
35	20
50	30
70	10

- C. Payment also includes the costs of scheduling processes required per project specifications and Contractor Quality Control procedures in accordance with Section 01 45 00 requirements.
- D. Payment covers all cost of preparing the site for construction in accordance with project specifications and drawings including but not limited to traffic control signing, flagging, maintaining access to businesses, addressing any erosion control measures necessary; furnish and install construction fencing; maintain existing fencing and any other miscellaneous tasks necessary to prepare the site for construction including all materials, equipment, and labor required to perform the work.

**3.2.2 SITE PREPARATION AND SWPPP, Bid Item No. A-3**

- A. Measurement shall be Lump Sum.
- B. Payment shall be full compensation for the CONTRACTOR to remove, transport, disposal, applicable dumping fees, cleanup of waste materials, and related costs for all unwanted material from the surface and subsurface within the project limits such as trees, vegetation, boulders, stumps, roots, buried logs, and other debris.
- C. Payment also includes the cost of complying with State of Utah UPDES Permit, including submitting a Notice of Intent to the Utah State Division of Water Quality, paying the Permit fees, preparing and submitting a Storm Water Pollution Prevention Plan for City and State approval to address any erosion control measures.
- D. Payment includes all related costs, materials, equipment and labor required to perform the work.

**3.2.3 MATERIALS AND COMPACTION TESTING, Bid Item No. A-3**

- A. Measurement shall be Lump Sum.
- B. Payment shall be full compensation for the CONTRACTOR to provide Materials Quality Control Testing in accordance with project specifications and APWA specification 01 45 00 including but not limited to trench compaction, untreated base course quality and compaction and asphalt quality and compaction.
- C. Payment includes all materials, equipment, and labor required to perform the work.

**3.2.4 CONSTRUCTION SURVEYING, Bid Item No. A-4**

- A. Measurement shall be Lump Sum.
- B. Payment shall be full compensation for the CONTRACTOR to cover cost of providing Construction Surveying services including establishment of survey control, stakes for line and grade on all features including culinary and related items, and costs to reestablish stakes that are damaged by contractors or vandalism. Payment will be made on a percentage basis as follows:

Percent of Original Contract Amount Earned	Percent of Amount Bid for Mobilization to be Paid
5	40
35	20
50	30
70	10

**3.2.5 CLEAR & GRUB, Bid Item No. A-5**

- A. Measurement shall be Lump Sum.
- B. Payment shall be full compensation for the CONTRACTOR to remove, waste material transport, disposal and applicable dumping fees.
- C. Payment includes all related costs, materials, equipment and labor required to perform the work.

**3.2.6 TREE AND VEGETATION REMOVAL, Bid Item No. A-6**

- A. Measurement shall be Lump Sum.
- B. Payment shall be full compensation for the CONTRACTOR to cut, remove, waste material transport, disposal and applicable dumping fees.
- C. Payment includes all related costs, materials, equipment and labor required to perform the work.

**3.2.7 REMOVE EXISTING ROADWAY AND ASPHALT AND SUBGRADE Bid Item No. A-7**

- A. Measurement shall be by Square foot.
- B. Payment shall be full compensation for the CONTRACTOR for excavation and removal of asphalt parking pad and sub-grade, transport, disposal, applicable dumping fees and cleanup of excess materials.
- C. Payment includes all related costs, materials, equipment and labor required to perform the work.

**3.2.8 REMOVE CONCRETE CURB & GUTTER SECTIONS, Bid Item No. A-8**

- A. Measurement shall be Lineal Foot.
- B. Payment shall be full compensation for the CONTRACTOR to saw-cut concrete, excavation and removal of concrete and sub-grade, transport, disposal, applicable dumping fees and cleanup of excess materials.
- C. Payment includes all related costs, materials, equipment and labor required to perform the work.

**3.2.9 REMOVE CONCRETE SIDEWALK AND DRIVEWAYS, Bid Item No. A-9**

- A. Measurement shall be Lump Sum.
- B. Payment shall be full compensation for the CONTRACTOR to saw-cut concrete, excavation and removal of sidewalk and driveway concrete and sub-grade, transport, disposal, applicable dumping fees and cleanup of excess materials.
- C. Payment includes all related costs, materials, equipment and labor required to perform the work.

**3.2.10 REMOVE ASPHALT DRIVEWAYS. Bid Item No. A-10**

- A. Measurement shall be by field count each.
- B. Payment shall be full compensation for the CONTRACTOR to saw-cut concrete, excavation and removal of pedestrian ramp, curb, asphalt and sub-grade, transport, disposal, applicable dumping fees and cleanup of excess materials.
- C. Payment includes all related costs, materials, equipment and labor required to perform the work.

**3.2.11 RELOCATE MAILBOX, Bid Item No. A-11**

- A. Measured shall be by field count Each.
- B. Payment shall be full compensation for the CONTRACTOR to relocate or replace existing mailboxes per plan, resident need and USPS specifications.
- C. Payment includes all related costs, materials, equipment and labor required to perform the work.

**3.2.12 RELOCATE VINYL FENCING, Bid Item No. A-12**

- A. Measurement shall be Lineal Foot.
- B. Payment shall be full compensation for the CONTRACTOR to remove and relocate or replace vinyl fencing with in kind fencing. Relocation includes but is not limited to fencing materials, foundation material, installation and disposal of fencing components not wanted by fence owner.
- C. Payment includes all related costs, materials, equipment and labor required to perform the work.

**3.2.13 RELOCATE WOOD RAIL FENCING, Bid Item No. A-13**

- A. Measurement shall be Lineal Foot.
- B. Payment shall be full compensation for the CONTRACTOR to remove and relocate or replace wood rail fencing with in kind fencing. Relocation includes but is not limited to fencing materials, foundation material, installation and disposal of fencing components not wanted by fence owner.
- C. Payment includes all related costs, materials, equipment and labor required to perform the work.

**3.2.14 ¾-INCH HMA FOR ROADWAY, DRIVEWAYS AND OVERLAY Bid Item No. A-14**

- A. Measurement shall be by the Ton.
- B. Payment includes all costs for placement of Hot Mix Asphalt within the roadway reconstruction areas as detailed on construction plans including delivery, material testing, asphalt pavement, tack coat, prime coat, placement, compaction and cleanup of excess materials.
- C. Payment includes all related costs, materials, equipment and labor required to perform the work.

**3.2.15 UNTREATED BASE COURSE ¾-INCH MAX FOR ROADWAY AND ASPHALT DRIVEWAYS, Bid Item No. A-15**

- A. Measurement shall be by the Ton.
- B. Payment shall be full compensation for the CONTRACTOR to place and compact Untreated Base Course ¾" max as detailed on roadway typical sections. Includes excavation, delivery and placement of UTBC for roadway, compaction, testing and cleanup of waste materials.
- C. Payment includes all related costs, materials, equipment and labor required to perform the work.

**3.2.16 5-INCH THICK CONCRETE DRIVEWAY W/6-INCH BASE, Bid Item No. A-16**

- A. Measurement shall be by Square Foot.
- B. Payment shall be full compensation for the CONTRACTOR to install 5-inch thick concrete and 6-inch untreated base course for resident's driveway connection, including excavation, placement and compaction of untreated base course, concrete materials, testing, formwork, joint placement, placement and finishing, backfill and finish grading and cleanup of waste materials.
- C. Payment includes all related costs, materials, equipment, and labor required to perform the work.

**3.2.17 CONCRETE CURB & GUTTER W/ 12-INCH BASE, Bid Item No. A-17**

- A. Measurement shall be by the Lineal Foot (measured along top and back of curb, including through driveway access).
- B. Payment shall be full compensation for the CONTRACTOR to complete construction of APWA STD DWG 205 (TYPE-A) Curb and Gutter with 12-inch thick untreated base course including; excavation, placement and compaction of untreated base course, testing, concrete materials, formwork, joint placement, placement and finishing, backfill and finish grading and cleanup of waste materials.
- C. Payment includes all related costs, materials, equipment and labor required to perform the work.

**3.2.18 5-INCH THICK CONCRETE SIDEWALK W/6-INCH BASE, Bid Item No. A-18**

- A. Measurement shall be by Square Foot.
- B. Payment shall be full compensation for the CONTRACTOR to install 5-inch thick Concrete and 6-inch untreated base course per APWA STD DWG 231, including excavation, placement and compaction of untreated base course, concrete materials, testing, formwork, joint placement, placement and finishing, backfill and finish grading and cleanup of waste materials. of waste materials.
- C. Payment includes all related costs, materials, equipment, and labor required to perform the work.

**3.2.19 ADA ACCESSIBLE PEDESTRIAN RAMP W/6-INCH BASE, Bid Item No. A-19**

- A. Measurement shall be by field count Each.
- B. Payment shall be full compensation for the CONTRACTOR to install a Concrete ADA accessible Curb Ramp with untreated base course per APWA specifications, including excavation, placement and compaction of untreated base course, concrete materials, curb from PC to PT and sub-grade replacement, asphalt and sub-grade replacement, testing, detectable warning devices, formwork, joint placement, placement and finishing, backfill and finish grading and cleanup of waste materials.
- C. Payment includes all related costs, materials, equipment, and labor required to perform the work.

**3.3.20 5-INCH THICK COLORED STAMPED CONCRETE, Bid Item No. A-20**

- A. Measurement shall be Square Foot.
- B. Payment shall be full compensation for the CONTRACTOR to install 5-inch thick Colored Stamped Concrete Ashlar slate pattern with grey color release and 6-inch untreated base course per APWA STD DWG 231, including excavation, placement and compaction of untreated base course, concrete materials, concrete coloring, testing, formwork, joint placement, placement and finishing, backfill and finish grading and cleanup of waste materials.
- C. Payment includes all related costs, materials, equipment, and labor required to perform the work

**3.2.21 ADJUST MANHOLE LIDS TO GRADE, Bid Item No. A-21**

- A. Measurement shall be by field count Each.
- B. Payment shall be full compensation for the CONTRACTOR to Adjust Existing Manhole Covers to allow for Proper Asphalt cover to bring to Grade including excavation, salvage of existing frame and cover, grade rings, backfill, finish grading and cleanup of waste materials.
- C. Payment includes all related costs, materials, equipment and labor required to perform the work.
- D. Coordination with South Valley Sewer District Personnel for Sanitary Sewer Manholes Required.

**3.2.22 ADJUST WATER VALVE BOX TO GRADE, Bid Item No. A-22**

- A. Measurement shall be by field count Each.
- B. Payment shall be full compensation for the CONTRACTOR to Adjust Existing Water Valve Boxes to allow for Proper Asphalt cover to bring to Grade including excavation, salvage of existing frame and cover, grade rings, backfill, finish grading and cleanup of waste materials.
- C. Payment includes all related costs, materials, equipment and labor required to perform the work.

**3.2.23 ABANDON EXISTING PIPE, Bid Item No. A-23**

- A. Measurement shall be Each.
- B. Payment shall be full compensation to the CONTRACTOR for abandoning pipe in place including excavation, backfill, removal and disposing of existing pipe as needed for new waterline placement, abandoning of existing valves and hydrants according to construction plans, dewatering, furnishing and installing caps, fittings and thrust blocks, surface restoration and cleanup of any waste materials
- C. Payment includes all materials, equipment, and labor required to perform the work.

**3.2.24 8-INCH C-900 PVC PIPE, Bid Item No. A-24**

- A. Measurement shall be by the Lineal Foot.
- B. Payment shall be full compensation for the CONTRACTOR to provide installation of PVC pipe of the size and class indicated, including but not limited to excavation, trenching, dewatering, pipe cutting, couplings, bends, tees, gaskets, adapters, fittings, thrust blocks; furnishing and installing select fill in the trench zone; field closures, cleaning, testing and disinfecting new pipe prior to acceptance by OWNER, commissioning pipelines,
- C. Payment includes all materials, equipment, and labor required to perform the work.

**3.2.25 8-INCH GATE VALVE, Bid Item No. A-25**

- A. Measurement shall be by field count Each.
- B. Payment shall be full compensation for the CONTRACTOR to provide and install 8-inch gate valves including but, not limited to, excavation, dewatering, furnishing and installing valve and valve box, backfill, concrete collars, surface restoration and cleanup of any waste materials
- C. Payment includes all materials, equipment, and labor required to perform the work.

**3.2.26 6-INCH GATE VALVE, Bid Item No. A-26**

- A. Measurement shall be by field count Each.
- B. Payment shall be full compensation for the CONTRACTOR to provide and install 6-inch gate valves including but, not limited to, excavation, dewatering, furnishing and installing valve and valve box, backfill, concrete collars, surface restoration and cleanup of any waste materials
- C. Payment includes all materials, equipment, and labor required to perform the work.

**3.2.27 NEW FIRE HYDRANT AND CONNECTION, Bid Item No. A-27**

- A. Measurement shall be by field count Each.
- B. Payment shall be full compensation for the CONTRACTOR to install a new fire hydrant assembly including excavation, dewatering, installing 6-inch PVC or epoxy lined and coated flanged steel pipe with exterior of pipe tape wrapped, tee and fittings, valves and valve box, bends, gaskets, bolts, nuts and approved joint restraining devices; greasing and polyethylene wrapping for all exposed fittings; pressure and leakage testing; concrete pad; painting and cleanup of any waste materials.
- C. Payment includes all materials, equipment, and labor required to perform the work.

**3.2.28 RELOCATE EXISTING FIRE HYDRANT AND NEW CONNECTION, Bid Item No. A-28**

- A. Measurement shall be by field count Each.
- B. Payment shall be full compensation for the CONTRACTOR to relocate existing fire hydrant the newly constructed park strip together with incidental work such as excavation, dewatering, cutting or replacing 6-inch PVC or epoxy lined and coated flanged steel pipe with exterior of pipe tape wrapped, removal of existing valves and fittings, removal of thrust restraints, replacement of miscellaneous tees, valves and valve boxes, sleeves, bends, gaskets, bolts, nuts and approved joint restraining devices; greasing and polyethylene wrapping for all exposed fittings; pressure and leakage testing; concrete pad; painting and cleanup of any waste materials.
- C. Payment includes all materials, equipment, and labor required to perform the work.

**3.2.29 RELOCATE EXISTING ¾-IN METER, Bid Item No. A-29**

- A. Measurement shall be by field count Each.
- B. Payment shall be full compensation for the CONTRACTOR to relocate existing water meter while reusing any products that are deemed usable meter and fittings; meter installation may include new setter, new meter box and new ips poly service to main as noted on plans, backfill finish grading and cleanup of waste materials.
- C. Payment includes all related costs, materials, equipment and labor required to perform the work.

**3.2.30 CONNECTION TO EXISTING ¾ - INCH METER, Bid Item No. A-30**

- A. Measurement shall be Field Count Each.
- B. Payment shall be full compensation to the CONTRACTOR for connections to the existing systems per plans which price shall constitute full compensation for all labor, equipment, tools, supplies and materials required to complete this item, including, but not limited to excavation, protection of existing utilities, backfill, dewatering, furnishing and installing fittings, bends and valves, concrete thrust restraints, surface restoration and cleanup of any waste materials.
- C. Payment includes all materials, equipment, and labor required to perform the work.

**3.2.31 CONNECTION TO EXISTING 1 - INCH METER, Bid Item No. A-30**

- A. Measurement shall be Field Count Each.
- B. Payment shall be full compensation to the CONTRACTOR for connections to the existing systems per plans which price shall constitute full compensation for all labor, equipment, tools, supplies and materials required to complete this item, including, but not limited to excavation, protection of existing utilities, backfill, dewatering, furnishing and installing fittings, bends and valves, concrete thrust restraints, surface restoration and cleanup of any waste materials.
- C. Payment includes all materials, equipment, and labor required to perform the work.

**3.2.32 INSTALL NEW ¾-IN METER BOX AND SETTER FOR FUTURE USE, Bid Item No. A-32**

- A. Measurement shall be by field count Each.
- B. Payment shall be full compensation for the CONTRACTOR to install new meter box and setter only as shown on plans; installation may include new setter, new meter box, backfill finish grading and cleanup of waste materials.
- C. Payment includes all related costs, materials, equipment and labor required to perform the work.

**3.2.33 NEW 1-IN SERVICE CONNECTION, Bid Item No. A-33**

- A. Measurement shall be by the field count Each.
- B. Payment shall be full compensation for the CONTRACTOR to install 1" service connection from new main to meter, including saddle, fittings, trenching and cleanup of any waste materials.
- C. Payment includes all materials, equipment, and labor required to perform the work.

**3.2.34 NEW 3/4-IN SERVICE CONNECTION, Bid Item No. A-34**

- A. Measurement shall be by the field count Each.
- B. Payment shall be full compensation for the CONTRACTOR to install 3/4" service connection from new main to meter, including saddle, fittings, trenching and cleanup of any waste materials.
- C. Payment includes all materials, equipment, and labor required to perform the work.

**3.2.35 NEW 1-IN POLY SERVICE LINE, Bid Item No. A-35**

- A. Measurement shall be by the field count Each.
- B. Payment shall be full compensation for the CONTRACTOR to install 1" poly pipe connection from new main to meter, including saddle, fittings, trenching and cleanup of any waste materials.
- C. Payment includes all materials, equipment, and labor required to perform the work.

**3.2.36 NEW 3/4-IN POLY SERVICE LINE, Bid Item No. A-36**

- A. Measurement shall be by the field count Each.
- B. Payment shall be full compensation for the CONTRACTOR to install 3/4" poly pipe connection from new main to meter, including saddle, fittings, trenching and cleanup of any waste materials.
- C. Payment includes all materials, equipment, and labor required to perform the work.

**3.2.37 CONNECTION TO EXISTING CULINARY WATER SYSTEMS, Bid Item No. A-37**

- A. Measurement shall be Field Count Each.
- B. Payment shall be full compensation to the CONTRACTOR for connections to the existing systems per plans which price shall constitute full compensation for all labor, equipment, tools, supplies and materials required to complete this item, including, but not limited to excavation, protection of existing utilities, backfill, dewatering, furnishing and installing fittings, bends and valves, concrete thrust restraints, surface restoration and cleanup of any waste materials.

C. Payment includes all materials, equipment, and labor required to perform the work.

**3.2.38 STORM DRAIN 5-FOOT DIAMETER MANHOLE, Bid Item No. A-38**

- A. Measurement shall be by field count Each.
- B. Payment shall be full compensation for the CONTRACTOR to install concrete manhole, including, excavation, dewatering, delivery and placement of pre-cast concrete components, gaskets, bedding material, box coring, box inerties, concrete finishing, grout, compaction and backfill, manhole lid and frame, finish grading and cleanup of waste materials.
- C. Payment includes all related costs, materials, equipment, and labor required to perform the work.

**3.2.39 STORM DRAIN 6-FOOT DIAMETER MANHOLE, Bid Item No. A-39**

- A. Measurement shall be by field count Each.
- B. Payment shall be full compensation for the CONTRACTOR to install concrete manhole, including, excavation, dewatering, delivery and placement of pre-cast concrete components, gaskets, bedding material, box coring, box inerties, concrete finishing, grout, compaction and backfill, manhole lid and frame, finish grading and cleanup of waste materials.
- C. Payment includes all related costs, materials, equipment, and labor required to perform the work.

**3.2.40 STORM DRAIN COMBO BOX, Bid Item No. A-40**

- A. Measurement shall be by field count Each.
- B. Payment shall be full compensation for the CONTRACTOR to install pre-cast concrete combo box as noted on plans including excavation, dewatering, bedding material, delivery and placement of box, gaskets, box coring, box inerties, concrete finishing, grout, compaction and backfill manhole lid and frame, inlet grate and frame, finish grading and cleanup of waste materials.
- C. Payment includes all related costs, materials, equipment, and labor required to perform the work.

**3.2.41 STORM DRAIN COMBO BOX, (18X96) Bid Item No. A-41**

- A. Measurement shall be by field count Each.
- B. Payment shall be full compensation for the CONTRACTOR to install pre-cast concrete combo box as noted on plans including excavation, dewatering, bedding material, delivery and placement of box, gaskets, box coring, box inerties, concrete finishing, grout, compaction and backfill manhole lid and frame, inlet grate and frame, finish grading and cleanup of waste materials.
- C. Payment includes all related costs, materials, equipment, and labor required to perform the work.

**3.2.42 STORM DRAIN COMBO BOX, (18x48) Bid Item No. A-42**

- A. Measurement shall be by field count Each.
- B. Payment shall be full compensation for the CONTRACTOR to install pre-cast concrete combo box as noted on plans including excavation, dewatering, bedding material, delivery and placement of box, gaskets, box coring, box inerties, concrete finishing, grout, compaction and backfill manhole lid and frame, inlet grate and frame, finish grading and cleanup of waste materials.
- C. Payment includes all related costs, materials, equipment, and labor required to perform the work.

**3.2.43 30-INCH RCP PIPE Bid Item No. A-43**

- A. Measurement shall be by the Lineal Foot
- B. Payment shall be full compensation for the CONTRACTOR to install new pipelines including delivery of pipe, trench excavation, trench protection, bedding, placement of pipe, backfill furnishing and installing select fill in the trench zone, full surface restoration including trench patch, concrete curb and gutter, finish grading and cleanup of waste materials.
- C. Payment includes all related costs, materials, equipment and labor required to perform the work.

**3.2.44 18-INCH RCP PIPE Bid Item No. A-44**

- A. Measurement shall be by the Lineal Foot
- B. Payment shall be full compensation for the CONTRACTOR to install new pipelines including delivery of pipe, trench excavation, trench protection, bedding, placement of pipe, backfill furnishing and installing select fill in the trench zone, full surface restoration including trench patch, concrete curb and gutter, finish grading and cleanup of waste materials.
- C. Payment includes all related costs, materials, equipment and labor required to perform the work.
- D.

**3.2.45 18-INCH ADS IRRIGATION Bid Item No. A-45**

- A. Measurement shall be by the Lineal Foot
- B. Payment shall be full compensation for the CONTRACTOR to install new pipelines including delivery of pipe, trench excavation, trench protection, bedding, placement of pipe, backfill furnishing and installing select fill in the trench zone, full surface restoration including trench patch, concrete curb and gutter, finish grading and cleanup of waste materials.

- C. Payment includes all related costs, materials, equipment and labor required to perform the work.

**3.2.46 EXISTING STORM DRAIN BOX INTERTIES, Bid Item No. A-46**

- A. Measurement shall be by field count Each.
- B. Payment shall be full compensation for the CONTRACTOR to install new pipe into existing storm drain box, manhole or irrigation box including demolition of existing pipeline, box coring for new pipeline, grouting, concrete finishing, backfill and compaction finish grading and cleanup of waste materials.
- C. Payment includes all related costs, materials, equipment and labor required to perform the work.

**3.2.47 RELOCATE EXISTING STREET LIGHTS, Bid Item No. A-47**

- A. Measurement shall be by Each.
- B. Payment shall be full compensation for the CONTRACTOR to relocate existing street lights including: poles, lights, conduit, conductor wire, junction boxes and hardware as per South Jordan City street light and manufacturer specifications according to Rocky mountain power standards including: excavation, trenching, boring, 2-inch schedule 40 conduit, conduit fittings, conduit sleeves, pull cord, conductor wiring material, surface restoration and cleanup of waste materials.
- C. Payment includes all related costs, materials, equipment, and labor required to perform the work.

**3.2.48 LANDSCAPE RESTORATION, Bid Item No. A-48**

- A. Measurement shall be by the field count LUMP.
- B. Payment shall be full compensation for the CONTRACTOR to restore the landscaping on all properties adjacent to the project limits including but not limited to; irrigation systems, landscape features, rock walls, trees, shrubbery, plants, decorative landscaping, grass, and any other item pertaining to full landscape restoration and any cleanup of any waste materials.
- C. Payment includes all materials, equipment, and labor required to perform the work.

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