

SECTION 00 90 10 ADDENDUM No. 1

PART 1 GENERAL

1.1 DOCUMENT INCLUDES

- A. Added Document 00 90 00 Addenda and Modifications
- B. Changes to Document 00 41 10 Bid Schedule

1.2 CONSTRUCTION CONTRACT

- A. The Construction Contract is known as 15th Street from Grant Ave to Lincoln Ave.
 - A. Date of this Addendum is Friday, July 29, 2022

PART 2 CHANGES

2.1 CHANGES TO PRIOR ADDENDA

- A. None

2.2 CHANGES TO BIDDING REQUIREMENTS

- A. Bid Item No. 13 – Furnish and install 5’ Storm manhole structure
 - 1. Removed bid item from Bid Schedule 1
- B. Bid Item No. 14 – Furnish and install 6’ Storm manhole structure
 - 1. Revised the description to read, “(INSTALL ONLY) 6’ cast-in-place storm manhole”
 - 2. Increased the bid quantity to 4
- C. Bid Item No. 15 – Furnish and Install 2’x3’ catch basin curb inlet structure
 - 1. Revised the description to read, “(INSTALL ONLY) 2’x3’ catch basin curb inlet structure”
- D. Measure and Payment 3.14 Furnish and Install Storm Structure (catch basin, manhole), Bid Items No. 13-15
 - 1. Revised measure and payment 3.14 description to read “Install Storm Structure (2x3 Catch Basin, 72” cast-in-place Manhole). Bid Items No.14-15
 - 2. Revised item B to read, “Payment includes all necessary materials, labor, equipment and tools required to construct and install a complete 72” cast-in-place manhole structure and install a 2x3 catch basin, which includes but is not limited to the following: Pour a cast-in-place concrete manhole base, concrete cutting of reinforced concrete pipe and precast concrete manhole risers, stacking and placement of precast manhole risers, final grout sealing, reinforcing steel, installation of the lid and frame, excavation, base and backfill material, and any other items required in the Ogden City Engineering standard drawings for cast-in-place manholes and catch basin with curb inlet.”

3. Revised item C to read, "Payment includes all labor and material to raise and concrete collar the structure to finish grade. Payment does not include the cost of the precast 2'x3' catch basin structures with grate, frame, and curb box, and the 72" pre-cast manhole risers and cones, lids and frames, which will be pre-purchased and provided by Ogden City."

2.3 CHANGES TO AGREEMENT AND OTHER CONTRACT FORMS

- A. Added Document 00 90 00 Addenda and Modifications Document to Contract

2.4 CHANGES TO CONDITIONS OF THE CONTRACT

- A. None

2.5 CHANGES TO SPECIFICATIONS

- A. None

2.6 CHANGES TO DRAWINGS

- A. None

2.7 CLARIFICATIONS

- A. Ogden City will pre-purchase the precast 2x3 catch basins with grate, frame, and adjustable curb box, and the 72" precast manhole risers, cones, rings and covers,
- B. All pre-purchased structures will be either delivered on-site or stored at the city yard at 956 20th St, depending on delivery time in relation with the project schedule. Contractors are responsible for pickup, haul, and delivery to the job site if stored at 956 20th St.
- C. Contract time and anticipated NTP will remain the same.

END OF SECTION

DOCUMENT 00 90 00
ADDENDA AND MODIFICATIONS

PART 1 GENERAL

1.1 PROCEDURE

- A. For filing purposes, add Addenda and Modifications to the Contract Documents following this page.

END OF SECTION

DOCUMENT 00 41 10
BID SCHEDULE

PART 1 GENERAL

1.1 DOCUMENT INCLUDES

- A. Bid schedules.
- B. Measurement and payment provisions.

1.2 CONSTRUCTION CONTRACT

- A. The Construction Contract is known as:
15th Grant to Lincoln Ave Storm Project

1.3 REFERENCES

- A. APWA 01 29 00: Payment Procedures.
- B. Document 00 50 00: Agreement.

1.4 SCHEDULE TO BE ADDED TO THE AGREEMENT

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

PART 2 BID SCHEDULES

2.1 GENERAL

- A. Based upon Bidder's own estimate of quantities and costs and in accordance with paragraph 2.5B.3 of the General Conditions (**Document 00 72 00**), Bidder submits quantities and prices of items aggregating the Contract Price. The following articles summarize the quantities and prices. Bidder will provide additional breakdown when OWNER is considering Bidder's bid or authorizing future pay requests.

2.1 BASE BID

- A. Bid Schedule below describes all storm utility, roadway, curb and other work basic to the Contract.

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BID SCHEDULE No. 1

15th Grant to Lincoln Ave Storm Project

ITEM NO.	DESCRIPTION	EST QTY	UNIT	UNIT PRICE	AMOUNT
1	Mobilization / Demobilization	1	LS		
2	Traffic Control	1	LS		
3	Survey	1	LS		
4	SWPPP (Storm Water Pollution Prevention Plan)	1	LS		
5	Remove Asphalt Pavement	175	CY		
6	Remove Curb & Gutter	630	LF		
7	Remove Sidewalk/Concrete Flatwork	1100	SF		
8	Remove 5' wide Concrete Waterway	600	SF		
9	Remove Dipstone Junction Box	4	EA		
10	Remove 12" Dipstone Storm Pipe	70	LF		
11	Remove City Survey Monument	1	EA		
12	Remove & Reinstall Sign and Post	4	EA		
14	(INSTALL ONLY) 6' Cast-in-place storm manhole	4	EA		
15	(INSTALL ONLY) 2'x3' catch basin curb inlet structure	10	EA		
16	Connect existing storm pipe to new manhole	3	EA		
17	(INSTALL ONLY) 15" Reinforced Concrete Pipe, Class 03	275	LF		
18	(INSTALL ONLY) 18" Reinforced Concrete Pipe, Class 03	645	LF		
19	(INSTALL ONLY) 18" Reinforced Concrete Pipe, Class 05	145	LF		
20	Install Survey Monument	1	EA		
21	Type A Curb and Gutter	630	LF		
22	Concrete Sidewalk/Flatwork (6" Thick)	800	SF		
23	Concrete Sidewalk/Flatwork (4" Thick)	500	SF		
24	Corner Pedestrian Detectable Warning Surface	8	EA		
25	Asphalt Restoration (HMA DM 1/2 PG 58-28) (4" Thick)	370	TN		
26	APWA Spec Road Base - Grade 1" (8" thick)	530	CY		
27	Raise & Collar existing water valve	4	EA		
28	Raise & Collar existing sewer manhole	1	EA		
29	Landscape Restoration	500	SF		
30	6" Ductile Iron Water Main Loop	6	EA		

Total = \$ _____

Schedule Total in Words _____

Signature _____

PART 3 MEASUREMENTS AND PAYMENT

3.1 GENERAL

- A. See measurement and payment procedures in APWA Section 01 29 00.
- B. ENGINEER will take all measurements and compute all quantities.
- C. CONTRACTOR will verify measurement and quantities.
- D. CONTRACTOR will provide all equipment, workers, and survey crews to assist ENGINEER in making measurements.
- E. Units of measurement are listed above in the bid schedule(s).

3.2 MOBILIZATION / DEMOBILIZATION, Bid Item No. 1

- A. Measurement and Payment for this item shall be by lump sum (LS)
- B. Payment shall be made at the lump sum price and shall include all costs for mobilization and demobilization; including but not limited to temporary facilities, modifying and maintaining project identification signs, movement of equipment, traffic control, coordination with all the agencies/entities having jurisdiction, utility companies and affected property owners and all necessary permits from Ogden City and other applicable entities.
- C. Payment will be made on a percentage basis per the table below

PAY FACTORS FOR MOBILIZATION, TRAFFIC CONTROL, AND TEMPORARY FACILITIES	
Percent of Original Contract Amount Earned Not Including Materials Purchased	Percent of Amount Bid for Mobilization/TC to be Paid
5	40
15	20
40	30
50	10

3.3 TRAFFIC CONTROL, Bid Item No. 2

- A. Measured by lump sum (LS).
- B. Payment includes all costs incidental to traffic control as specified in specification 01 55 26M. Payment will be made on a percentage basis as listed in the same table used for mobilization above. Traffic Control plan is to be design by a licensed engineer and must be submitted to Ogden City for approval. Contractor shall also be responsible for any changes or other maintenance throughout the duration of this project.
- C. Traffic control plan within 10 days of receiving the Notice of Intent to Award. A traffic control plan must be approved and stamped by an engineer before a right of way permit is issued.

3.4 SURVEY, Bid Item No. 3

- A. Measured by lump sum (LS).
- B. Payment shall be as a portion of the lump sum price bid and shall include all costs to provide construction surveying and staking for the project including all labor by the Contractor's Surveyor, equipment, materials and supplies necessary to provide survey preparation, control, staking offsets and markers necessary for construction of the water line system, curb & gutter elevations, sidewalk elevations, driveways, ped ramps, roadway, and appurtenances associated with the project.

3.5 SWPPP, Bid Item No. 4

- A. Measured by lump sum (LS).
- B. Payment covers the CONTRACTOR in providing and maintaining a storm water pollution prevention plan as outlined by the State of Utah DWQ. Permit No. UTR090000 found at: <https://documents.deq.utah.gov/water-quality/stormwater/updes/DWQ-2020-005275.pdf> which outlines the required steps for preparing and maintaining the SWPPP, provides guidelines, examples, templates, BMP specifications, etc. The CONTRACTOR will be listed as an operator along with Ogden City. Payment also covers all erosion control that is not listed as separate bid items, which includes; silt fence, construction fencing, inlet protection, inlet clean-out (if necessary).
- C. Payment shall cover dust control/watering of the site, a SWPPP board posted onsite, daily maintenance of the construction zone, **daily sweeping**, maintaining BMP devices, and maintaining general cleanliness of the site and staging areas during the construction process to the satisfaction of the City. Trenches shall be maintained at all times to avoid ruts larger than a 2 inch depth.
- D. Payment shall cover temporary water meter rental fees billed to the Contractor from the City. Contractor will NOT be billed for water usage for the project but must utilize a meter to obtain City water for the project.

3.6 REMOVE ASPHALT PAVEMENT, Bid Item No. 5

- A. Measured by cubic yard of asphalt pavement removed (CY).
- B. Payment covers saw cutting pavements and necessary work to remove, haul, and dispose of all asphalt pavement in the existing roadway. Payment covers the cost of furnishing all necessary equipment, labor, hauling, and compaction.

3.7 REMOVE CURB AND GUTTER, Bid Item No. 6

- A. Measured by linear foot along the lip of gutter (LF).
- B. Payment includes all costs and equipment incidental to the removal and disposal of concrete curb and gutter and native base material to the depth necessary for proposed roadway installation. Includes necessary fill to bring up to grade or as directed by the ENGINEER.
- C. Payment also includes any hauling, labor, disposal, compaction and testing which may be required by the ENGINEER.

3.8 REMOVE SIDEWALK / CONCRETE FLATWORK, Bid Item No. 7

- A. Measured by square foot (SF).
- B. Payment includes all costs and equipment incidental to the removal and disposal of all 4"-6" thick concrete flatwork and native base material. Includes necessary fill to bring up to grade under the direction of the ENGINEER.
- C. Payment also includes any hauling, labor, disposal, compaction and testing which may be required by the ENGINEER.

3.9 REMOVE 5' WIDE CONCRETE WATERWAY, Bid Item No. 8

- A. Measured by square foot (SF).
- B. Payment includes all costs and equipment incidental to the removal and disposal of the 5 ft wide concrete waterway, concrete flatwork, and native base material.
- C. Payment also includes any hauling, labor, disposal, compaction and testing which may be required by the ENGINEER.

3.10 REMOVE DIPSTONE JUNCTION BOX, Bid Items No. 9

- A. Measured by each structure (EA).
- B. Payment includes all costs and equipment incidental to junction box removal and disposal. Includes any necessary approved backfill to the necessary grade under the direction of the ENGINEER.
- C. Payment also includes any hauling, labor, disposal, compaction and testing which may be required by the ENGINEER.

3.11 REMOVE 12” DIPSTONE STORM PIPE, Bid Item No. 10

- A. Measurement shall be made per linear foot (LF) basis, measured in the field, to the nearest foot. Unless indicated otherwise, measurement to be along the pipe from the inside face to inside face of manholes or other structures, or to the end of the pipe where no structure exists.
- B. Payment shall be made at the linear foot price and shall include all costs for labor, tools, materials, and equipment involved in excavating, removing, hauling and disposing of the existing storm drainpipe as shown on the drawings. Payment also includes excavation; supplying, installing, and compacting import granular backfill (APWA- 2” Minus Granular Fill Borrow) to the bottom of the untreated base course level, and restoring any adjacent facilities disturbed by construction activities associated with this item.

3.12 REMOVE CITY MONUMENT, Bid Item No. 11

- A. Measured by each monument box (EA).
- B. Payment covers all costs of monument survey before removal and actual removal of the monument, marker plate, concrete ring, and the frame and cover and all other items associated with removal of the monument.

3.13 REMOVE AND REINSTALL SIGN AND POST, Bid Item No.12

- A. Measured per each sign and post system removal (EA).
- B. Payment includes the removal of sign, post and foundation. Includes all work incidental to the reinstallation and placement of the sign per Ogden City Engineering Standards (See Drawing RD-9).

3.14 INSTALL STORM STRUCTURE (2x3 catch basin, 72” cast-in-place manhole), Bid Items No. 14-15

- A. Measurement will be by each structure installed (EA).
- B. Payment includes all necessary materials, labor, equipment and tools required to construct and install a 72” cast-in-place manhole structure or 2x3 catch basin, which includes but is not limited to the following: Pour concrete cast-in-place manhole base, concrete cutting of reinforced concrete pipe and precast concrete manhole risers, stacking and placement of precast manhole risers, final grout sealing, reinforcing steel, installation of the lid and frame, excavation, base and backfill material, and any other items required in the Ogden City Engineering standard drawings for cast-in-place manholes and catch basin with curb inlet.
- C. Payment includes all labor and material to raise and concrete collar the structure to finish grade. Payment does not include the cost of the precast 2’x3’catch basin structures with grate, frame, and curb box, and the 72” pre-cast manhole risers and cones, lids and frames, which will be pre-purchased and provided by Ogden City.
- D. The connection to any pipe culvert or other drainage feature will be incidental to construction and no separate payment will be made for this work.
- E. The City will make no separate payment for testing upon failure of visual inspection.

CONNECT EXISTING STORM PIPE TO NEW MANHOLE, Bid Item No. 16

- A. Measurement will be by each (EA) existing pipe connection into a new manhole structure.
- B. Payment includes all necessary materials, labor, equipment and tools required to connect the drainage pipe to the new structure including but not limited to the following: concrete removal, sawcutting, reinforcing steel, concrete placement, grouting.

3.15 INSTALL REINFORCED CONCRETE PIPE, 15" & 18" Class 3&5, Bid Items No.17-19

- A. Measurement will be made from structure to structure along centerline of pipe per linear foot (LF).
- B. Payment does not include the cost of the pipe material and gaskets, which will be pre-purchased by Ogden City.
- C. Payment covers the cost of the loading, hauling, unloading, and installation of the Ogden City pre-purchased pipe per APWA Plan No. 381 and surface restoration not identified as separate pay items in the price schedule. The pipe is stored in a fenced yard at 956 20th Street in Ogden. Payment covers the cost of incidental work such as, fittings, couplings, joint lubricants; selective clearing and tree removal; removal and disposal of interfering structures and obstructions; concrete rings, frame and lid as applicable; grout; jackhammer work; trench shoring or trench boxes as applicable; underground detectable locator tape markers; cleaning of invert covers; removal and disposal of waste materials; restoration of all utilities damaged as a result of operations; site dewatering; pipe line cleaning; main repair or replacement if damaged by CONTRACTOR; and similar work to complete the installation of the pipe.
- D. Payment shall include all costs to furnish and stockpile the import bedding and pipe zone material stockpile and import backfill materials (APWA- 2" Minus Granular Fill Borrow); excavate the trench; excavation for bells; place, shape, compact and prepare the material around the pipe, provide compaction and gradation tests, provide certified scale tickets for the material delivered, and dewatering. All trenching is to conform to Ogden City Standards for material, placement, depth, and compaction. Trench width must be a minimum of 4' wide, and must meet pipe zone width recommended by the manufacturer of the pipe. Pipe bedding and pipe zone material shall be placed a minimum of six inches below the pipe and up to spring line of the pipe per Ogden City Standards Plan SD-6. The import granular backfill borrow shall be placed directly above the import pipe bedding and pipe zone material to the bottom of the untreated base course layer. There will be no payment for over excavation unless approved in written form by the engineer prior to the excavation.
- E. Payment covers the cost of quality control and all testing as required by APWA 01 45 00 and the Ogden City Standards for City Projects. Includes testing by a third party of all earthwork compaction, and concrete testing as outlined in APWA and Ogden City Standards
- F. Storm drain line must be video inspected prior to acceptance by the City.

3.16 INSTALL CITY MONUMENT, Bid Item No. 20

- A. Measured per each (EA).
- B. Payment covers all costs of monument survey, monument, marker plate, concrete ring, and the frame and cover and all other items associated with installing the monument per Ogden City Standard Plans SUR-1, SUR-2, and SUR-3. Payment also covers all cost, labor, and materials shown to establish the monument.
- C. Contractor required to coordinate with the Ogden City Surveyor (Steve Porter 801-629-8979) for location and installation of each monument.
- D. Includes survey monument in place following APWA Plan No. 274. Includes all permitting, fees and additional traffic control to meet said guidelines.

3.17 TYPE A CURB & GUTTER, Bid Item No. 21

- A. Measurement will be made by linear foot (LF), measured along the top back of curb.
- B. Payment covers the cost of furnishing all necessary materials and equipment, labor, concrete, placement, subgrade compaction, and testing to install type A curb and gutter in accordance with Ogden City Standard Drawing RD-4 (Refer to Section 32 16 13, Driveway, Sidewalk, Curb, Gutter).
- C. Payment includes formwork, joints, expansion, and dowelling into the existing curb and gutter.
- D. Untreated Base Course material is not included in this item, as it is covered in a separate bid item.

3.18 CONCRETE SIDEWALK/FLATWORK, Bid Items No. 22-23

- A. Measured per square foot (SF) of new sidewalk/flatwork placed.
- B. Payment covers the cost of furnishing all necessary materials and equipment, labor, forming, concrete, placement, subgrade compaction, and quality control testing to install sidewalk per Ogden City Standards (Refer to Section 32 16 13, Driveway, Sidewalk, Curb, Gutter).
- C. The location shown on the construction plans is an approximate location, and the exact location and quantity will be determined in the field with approval from the Owner or Owner's representative.
- D. Untreated Base Course material is not included in this item, as it is covered in a separate bid item.

3.19 CORNER PEDESTRIAN DETECTIBLE WARNING SURFACE, Bid Item 24

- A. Measured per each (EA).
- B. Payment includes all costs, materials, labor and equipment incidental to the placement of a tactile warning pad that is gray in color, which meets ADA requirements at the location indicated by the plans.

3.20 ASPHALT RESTORATION (HMA DM 1/2" PG 58-28)(4" Thick), Bid Item No. 25

- A. Measurement will be made by tons (TN) of HMA DM 1/2" PG 58-28 placed.
- B. Payment covers the cost of furnishing all necessary materials, asphalt, tack coat equipment, labor, hauling, placement, and compaction to produce an acceptably deep excavation asphalt "T" patch per Ogden City Standard Drawing RD-3. Payment covers the cost of installing the full thickness of hot-mixed, hot laid asphalt concrete pavement (with no more than 15% recycled asphalt content). (Refer to Section 33 05 25, Pavement Restoration)
- C. Payment also covers street striping & symbols returned to existing conditions on patched asphalt.
- D. Payment also covers the costs of final sawcutting, "scratching" out the trench and general prep work prior to paving. Anticipated final trench width for milling or sawcut is 8 feet wide.
- E. Includes the 2' wide minimum asphalt patch along the lip of new curb and gutter installed (width may increase as specified by the Engineer)
- F. Asphalt thickness shall match existing asphalt thickness plus 1", but no less than 4" and no greater than 7" thick.

3.21 APWA SPEC ROADBASE- GRADE 1" (8" Thick), Bid Item No. 26

- A. Measurement will be made by cubic yards (CY) of untreated base course placed and compacted.
- B. Payment covers the cost of furnishing all necessary materials, aggregate base course, labor, hauling, placement, and compaction to produce an acceptably deep aggregate base course layer per Ogden City Standard Drawings RD-3 and a compacted thickness of 8" in the roadway. Payment covers the cost of installing the full thickness of aggregate base course layer and preparation for pavement or concrete installation. (Refer to Section 33 05 25, Pavement Restoration)
- C. Basecourse thickness under concrete sidewalk shall match the thickness of concrete installed per Ogden City Standards
- D. No payment will be made for aggregate base course purchased and installed as a temporary construction measure.
- E. No payment for this item will be made for aggregate base used as trench backfill (below the bottom of UTBC level).
- F. Aggregate base course shall be untreated. No recycled roadbase (or any recycled material) will be accepted for roadbase on the project.

3.22 RAISE AND COLLAR EXISTING MANHOLE / VALVE, Bid Items No. 27-28

- A. Measurement will be made per each (EA) existing manhole or valve that is raised to final grade and concrete collared. Manholes and valves are expected to be raised to grade with collar after paving.
- B. Does not include any raise and collar for storm utility structures, which is included in the storm structure bid item.
- C. Payment covers all tools, labor, materials, and equipment to lower and raise existing structures to be flush with new grade as shown on Drawings. Payment covers all costs associated with raising/lowering the existing structure; including grade rings, removal and disposal of existing materials, concrete collars, concrete seal, labor, and all other appurtenant work not otherwise stipulated to be paid for separately.
- D. Concrete for surface collars shall be obtained from batched concrete (i.e. Jack B. Parsons, Geneva, etc.) unless otherwise approved by the ENGINEER.

3.23 LANDSCAPE RESTORATION, Bid Item No. 29

- A. Measured by square foot of landscape restoration (SF).
- B. Payment includes all materials and workmanship to restore the landscaping back to pre-construction conditions under the direction of the Engineer. Includes, but is not limited to: grading, topsoil, sod, sprinkler repairs, bark mulch, landscape rock, small shrubs, as necessary to restore to preconstruction conditions.

3.24 6" DUCTILE IRON WATER MAIN LOOP, Bid Item No. 30

- A. Measurement will be made by EACH (EA) full ductile iron loop with four (4) 45 degree bends installed on the loop.
- B. Payment covers the cost of the size and type of pipe indicated, with installation per APWA Plan No. 543. Payment covers the cost of incidental work such as concrete thrust blocks, restrained joints, fittings, couplings, joint lubricants, nuts, bolts and washers; removal and disposal of interfering structures and obstructions; jackhammer work; trench shoring or trench boxes as applicable, additional/deep excavation, additional backfill, sand pipe bedding material, underground plastic line markers; removal and disposal of waste materials; restoration of all utilities damaged as a result of operations; site dewatering; pipe line cleaning; water main repair or replacement if damaged by CONTRACTOR; adjustments to grade of existing valve boxes or traffic lids or manholes; and similar work to complete the installation of the water line loop. (Refer to Section 33 11 00, Water Distribution and Transmission).

END OF DOCUMENT