

May 2, 2024

ADDENDUM NO. 1 (DOCUMENT 00 91 13)
2024 Street Maintenance Project

Attached are copies of Addendum No. 1.

In case of any conflicts between the drawings, specifications, and the attached Addendum, the Addendum shall govern.

Addendum 1 replaces the entire Bid Schedule and Section 3.2 - Measurement and Payment

This Addendum is hereby attached to and made part of the Contract Documents and each Bidder shall acknowledge receipt of this Addendum in this Bid.

The Addendum consists of 15 pages.

Sincerely,



Eric Casperson, PE
City Engineer

Attachments

cc: Rian Santoro
Bowne Koenig

DOCUMENT 00 91 13
ADDENDUM No. 1

PART 1 GENERAL

1.1 DOCUMENT INCLUDES

- A. New Bid Schedule and Section 3.2 – Measurement and Payment

1.2 CONSTRUCTION CONTRACT

- A. 2024 Street Maintenance Project

PART 2 CHANGES

2.1 CHANGES TO PRIOR ADDENDA

- A. None

2.2 CHANGES TO BIDDING REQUIREMENTS

- A. None

2.3 CHANGES TO AGREEMENT AND OTHER CONTRACT FORMS

- A. Replace Entire Bid Schedule and Section 3.2 – Measurement and Payment

2.4 CHANGES TO CONDITIONS OF THE CONTRACT

- A. None

2.5 CHANGES TO SPECIFICATIONS

- A. None

2.6 CHANGE TO DRAWINGS

- A. None

END OF ADDENDUM NO. 1

Bid Schedule
North Ogden City
2024 Street Maintenance Project

BASE BID- Schedule No. 1 2024 Street Maintenance Project- General Requirements				
Bid Item	Bid Item Description	Quantity and Unit	Unit Price	Total Amount
1	Mobilization	1 Lump Sum	N/A	\$
2	SWPPP and NOI	1 Lump Sum	N/A	\$
3	Traffic Control	1 Lump Sum	N/A	\$
4	Invert Covers	103 Each	\$	\$

Subtotal Schedule No. 1.....= \$ _____

BASE BID- Schedule No. 2 2024 Street Maintenance Project- 800 East- 3550 N to 3607 N				
Bid Item	Bid Item Description	Quantity and Unit	Unit Price	Total Amount
5	Mill Roadway Surface up to 2.5” Thick	4,040 Square Yards	\$	\$
6	Asphalt Pavement, 2” Thick, PG58-28 SP ½” 75	4,040 Square Yards	\$	\$
7	Chip and Seal with AP4 Seal Coat	4,040 Square Yards	\$	\$
8	Adjust Manhole	9 Each	\$	\$
9	Adjust Water Valve Box	14 Each	\$	\$
10	Asphalt Patching: Remove and Replace Damaged Asphalt Pavement, 3” Thick, PG58-28 SP ½” 75 Nd – West Side of 3550 North 800 East Intersection	30 Square Yards	\$	\$

Subtotal Schedule No. 2.....=\$ _____

BASE BID- Schedule No. 3 2024 Street Maintenance Project – 2750 N (550 E – 600 E Intersection) 600 E (2750 N- 2850 N) 2800 N (550 E- 600 E) 2750 N (2759 N – 700 E)				
Bid Item	Bid Item Description	Quantity and Unit	Unit Price	Total Amount
11	Mill Roadway Surface 2.5” Thick	7,540 Square Yards	\$	\$
12	Sub-Grade Stabilization	60 Cubic Yards	\$	\$
13	Asphalt Patching: Remove and Replace Damaged Asphalt Pavement, 3” Thick, PG58-28 SP ½” 75 Nd	175 Square Yards	\$	\$
14	Adjust Manhole	12 Each	\$	\$
15	Adjust Water Valve Box	13 Each	\$	\$
16	Adjust Survey Monument Box	1 Each	\$	\$
17	Asphalt Pavement 2” Thick, PG58-28 SP ½” 75 Nd	7,540 Square Yards	\$	\$
18	Chip and Seal with AP4 Seal Coat	7,540 Square Yards	\$	\$

Subtotal Schedule No. 3.....=\$_____

BASE BID- Schedule No. 4 2024 Street Maintenance Project 775 E (1850 N-2100 N) 1925 N (775 E-850 E)				
Bid Item	Bid Item Description	Quantity and Unit	Unit Price	Total Amount
19	Edge Mill Roadway Surface	3,600 Square Yards	\$	\$
20	Asphalt Patching: Remove and Replace Damaged Asphalt Pavement, 3" Thick, PG58-28 SP ½" 75 Nd	110 Square Yards	\$	\$
21	Adjust Manhole	19 Each	\$	\$
22	Adjust Water Valve Box	17 Each	\$	\$
23	Asphalt Pavement, 2" Thick, PG58-28 SP ½" 75 Nd	9,400 Square Yards	\$	\$
24	Leveling Course	60 Tons	\$	\$
25	Chip and Seal with AP4 Seal Coat	9,400 Square Yards	\$	\$

Subtotal Schedule No. 4.....=\$_____

BASE BID- Schedule No. 5 2024 Street Maintenance Project 225 E (3725 N – 3747 N Joint)				
Bid Item	Bid Item Description	Quantity and Unit	Unit Price	Total Amount
26	Mill Road Surface 2.5" Thick	880 Square Yards	\$	\$
27	Asphalt Pavement 2" Thick, PG58-28 SP 1/2" 75 Nd	880 Square Yards	\$	\$
28	Adjust Manhole	3 Each	\$	\$
29	Adjust Water Valve Box	3 Each	\$	\$
30	Chip and Seal with AP4 Seal Coat	880 Square Yards	\$	\$

Subtotal Schedule No. 5.....=\$_____

BASE BID- Schedule No. 6 2024 Street Maintenance Project Barker Parkway (Fruitland Drive - Deer Meadows Drive to 2600 N)				
Bid Item	Bid Item Description	Quantity and Unit	Unit Price	Total Amount
31	Asphalt Patching: Remove and Replace Damaged Asphalt Pavement, 3" Thick, PG58-28 SP 1/2" 75 Nd	340 Square Yards	\$	\$
32	Adjust Manhole	15 Each	\$	\$
33	Remove Curb and Gutter	20 Linear Feet	\$	\$
34	Curb and Gutter	20 Linear Feet	\$	\$
35	Adjust Water Valve Box	16 Each	\$	\$
36	Chip and Seal with AP4 Seal Coat	11,210 Square Yards	\$	\$

Subtotal Schedule No. 6.....=\$_____

BASE BID- Schedule No. 7 2024 Street Maintenance Project
Legacy Subdivision 2250 N (525 E – 575 E) 2225 N (525 E – 575 E) 525 E (2200 N-2300N)

Bid Item	Bid Item Description	Quantity and Unit	Unit Price	Total Amount
37	Edge Mill Roadway Surface	2,760 Square Yards	\$	\$
38	Asphalt Patching: Remove and Replace Damaged Asphalt Pavement, 3” Thick, PG58-28 SP ½” 75 Nd	50 Square Yards	\$	\$
39	Adjust Manhole	24 Each	\$	\$
40	Adjust Water Valve Box	14 Each	\$	\$
41	Leveling Course	30 Tons	\$	\$
42	Asphalt Pavement, 2” Thick, PG58-28 SP ½” 75 Nd	7,310 Square Yards	\$	\$
43	Chip and Seal with AP4 Seal Coat	7,310 Square Yards	\$	\$
44	Adjust Survey Monument Box	5 Each	\$	\$

Subtotal Schedule No. 7.....=\$_____

BASE BID- Schedule No. 8 2024 Street Maintenance Project 550 E (1900 N-1950 N) (1950 N-2050 N)				
Bid Item	Bid Item Description	Quantity and Unit	Unit Price	Total Amount
45	Sawcut Curb and Gutter – for new ADA Ramps – (1900 N 550 E)	10 Square Yards	\$	\$
46	Remove Flatwork	260 Square Feet	\$	\$
47	Sawcut Flatwork	30 Linear Feet	\$	\$
48	Flatwork	260 Square Feet	\$	\$
49	Curb and Gutter	50 Linear Feet	\$	\$
50	Detectable Warning (Truncated Domes)	20 Square Feet	\$	\$
51	Mill Roadway Surface 2.5” (1900 N-1950 N)	2,350 Square Yards	\$	\$
52	Sub-Grade Stabilization	130 Cubic Yards	\$	\$
53	Asphalt Patching: Remove and Replace Damaged Asphalt Pavement, 3” Thick, PG58-28 SP ½” 75 Nd	20 Square Yards	\$	\$
54	Asphalt Pavement 2” Thick PG58-28 SP 1/2” 75 Nd	2,350 Square Yards	\$	\$
55	Leveling Course	30 Tons	\$	\$
56	Adjust Manhole	3 Each	\$	\$
57	Adjust Water Valve Box	6 Each	\$	\$
58	Chip and Seal with AP4 Seal Coat	5,015 Square Yards	\$	\$

Subtotal Schedule No. 8.....=\$_____

**BASE BID- Schedule No. 9 2024 Street Maintenance Project
3050 N (650 E – 750 E)**

Bid Item	Bid Item Description	Quantity and Unit	Unit Price	Total Amount
59	Edge Mill Roadway Surface	1,635 Square Yards	\$	\$
60	Remove Waterway	30 Linear Feet	\$	\$
61	Asphalt Patching: Remove and Replace Damaged Asphalt Pavement, 3" Thick, PG58-28 SP 1/2" 75 Nd	20 Square Yards	\$	\$
62	Adjust Manhole	4 Each	\$	\$
63	Asphalt Pavement 2" Thick PG58-28 SP 1/2" 75 Nd	4,590 Square Yards	\$	\$
64	Adjust Water Valve Box	4 Each	\$	\$
65	Furnish and Install Waterway	30 Linear Feet	\$	\$
66	Chip and Seal with AP4 Seal Coat	4,590 Square Yards	\$	\$

Subtotal Schedule No. 9..... =\$ _____

**BASE BID- Schedule No. 10 2024 Street Maintenance Project
AP4 Surface Treatment (Various Subdivisions)**

Bid Item	Bid Item Description	Quantity and Unit	Unit Price	Total Amount
67	Asphalt Patching: Remove and Replace Damaged Asphalt Pavement, 3" Thick, PG58-28 DM 1/2" 50 Blow	40 Square Yards	\$	\$
68	Furnish and Install AP4 Seal Coat- <i>Pheasant Landing</i>	43,200 Square Feet	\$	\$
69	Furnish and Install AP4 Seal Coat- <i>Cherry Springs Villas</i>	117,585 Square Feet	\$	\$
70	Furnish and Install AP4 Seal Coat - <i>Woodfield Farms PH 2&3</i>	93,600 Square Feet	\$	\$
71	Furnish and Install AP4 Seal Coat - <i>North Hampton PH 7&8</i>	48,960 Square Feet	\$	\$
72	Furnish and Install AP4 Seal Coat- <i>Spring Meadows</i>	25,920 Square Feet	\$	\$
73	Furnish and Install AP4 Seal Coat- <i>Northview Estates PH 6&7</i>	214,225 Square Feet	\$	\$
74	Furnish and Install AP4 Seal Coat- <i>Northwood Hills</i>	158,400 Square Feet	\$	\$
75	Furnish and Install AP4 Seal Coat- <i>Ward Farms</i>	58,680 Square Feet	\$	\$
76	Furnish and Install AP4 Seal Coat- <i>Oakmont</i>	111,420 Square Feet	\$	\$
77	Furnish and Install AP4 Seal Coat- <i>Paramount</i>	52,200 Square Feet	\$	\$

Subtotal Schedule No. 10.....=\$_____

A. Base Bid

Schedule No. 1.....	= \$	_____
Schedule No. 2.....	= \$	_____
Schedule No. 3.....	= \$	_____
Schedule No. 4.....	= \$	_____
Schedule No. 5.....	= \$	_____
Schedule No. 6.....	= \$	_____
Schedule No. 7.....	= \$	_____
Schedule No. 8.....	= \$	_____
Schedule No. 9.....	= \$	_____
Schedule No. 10.....	= \$	_____

Total Base Bid = \$ _____

It is understood that the quantities stated are approximate only and are for the purpose of comparing bids and fixing the amount of bonds, and the payments will only be made based on the above unit prices in the actual quantities, as determined by the Owner's Engineer in the completed work.

SECTION 3.2

MEASUREMENT AND PAYMENT

- 3.2.1 GENERAL:** Measurement and calculation of quantities for payment will be specified in this section. Unit price bid shall be full compensation for furnishing all labor, materials, tools and equipment, mobilization, all traffic control including pedestrian traffic, and doing all work shown on the Drawings or stipulated in the Specifications.
- 3.2.2 MOBILIZATION:** Measurement and payment for this item shall be on a lump sum basis for all costs associated with mobilizing and demobilizing equipment and materials to and from the project sites in all schedules. Payment shall also be full compensation for all bond and insurance expenses, permits, and traffic control. Storm water Best Management Practices (SWPPP) will be in effect and will include all necessary labor and materials needed to protect inlets, etc.
- 3.2.3 CONSTRUCTION SURVEY:** Includes submission of a certificate by a licensed land surveyor that horizontal and vertical survey control shown in the Contract Documents and in construction has been checked and verified.
- 3.2.4 CURB AND GUTTER:** Measured along top back of curb through catch basins, driveway aprons (including driveway bridges), curb cut assemblies, transitions and similar curb and gutter anomalies in feet. Includes work and material shown in the Public Works Standards and incidentals such as expansion joints, contraction joints, reinforcement, matching other curb and gutter types using transitions, matching existing curb and gutter using transitions if necessary, and protection and repair. Includes eight (8) inches of untreated base course as required under all curbs and gutters.
- 3.2.5 CHIP & SEAL COAT WITH AP4:** Measurement and payment for this item shall be on a square yard basis at the unit price bid amount **install only** chip & seal using a type “C” light weight aggregate chip (“Utelite” or approved equal) as the cover material. Chips will be supplied by North Ogden City and will be stockpiled at 332 East Pleasant View Drive.

The contractor shall be responsible to furnish and place the required asphalt emulsion at a uniform rate and application coverage as shown in the Emulsion Application Rate Table shown in Section 4.4.7 of the specifications or as directed by the City’s project representative. The emulsion shall be CRS-2P, LMCRS-2, or PASS CR as approved by the City Engineer. The material shall be sprayed over the prepared surface by means of a pressure distributor. The material shall be applied in such a manner that an inspection of the spread can be made and any defects corrected before the cover material is applied. The application of bituminous emulsion material shall not be more than 100 feet in advance of the placing of cover material. The cover material shall be as specified in the bid schedule. Care shall be taken to keep the emulsion from being sprayed on the curb & gutter.

AP4 shall be used as the Seal Coat and shall be applied to the road surface at a rate and method according to the AP4 specification. The Seal Coat shall be placed on a freshly swept chip & seal surface. The surface of the chipped road shall be swept within 2 or 3 days after placing and compacting the chip and seal cover material. The Seal Coat should be placed immediately after sweeping. If the Seal Coat cannot be placed at this time and is placed 2 or 3 weeks after the sweeping, the road surface will need to be swept again to remove any loose chips before placing the fog seal.

Payment for this bid item shall include all related items including, cleaning of streets prior to application **including weed removal**, rock chips, asphalt emulsion with special latex additive as specified, furnishing and installing specified type of chips, placing of the chips on the street

surface, rolling and compacting the chips into the emulsion, seal coat to be placed on street surface following the final cleaning of the street, required traffic control and the cleaning and disposal of excess chips from the roadway surface and curbs and gutters following application.

3.2.6 ASPHALT PATCHING: REMOVE AND REPLACE DAMAGED ASPHALT PAVEMENT SECTION:

Measurement and payment for this item shall be on a per square yard basis as measured in the field during construction and before any overlay. Payment shall include asphalt saw cut, all labor, materials, equipment, excavation of pavement and base course as needed, loading, hauling and disposing of excavated material. Asphalt can not be disposed of at the green waste pit on 2650 North and Mountain Road, but all other materials may be disposed of after direction from the Public Works Director is given. Payment also includes compacting the sub-grade, placement and compaction of road base as needed, and furnish & install 3" bituminous asphalt surface course, required tack coat, compaction and rolling of asphalt materials, and cleanup following construction.

Contractor shall contact City Public Works Department prior to work commencement.

3.2.7 MILL ROADWAY SURFACE:

Measurement and payment for this item shall be on a per square yard basis as measured in the field following milling and before overlay. Not measure for depth. Depth varies up to depth listed in Bid Schedule. This is a profile mill to remove asphalt and fix roadway cross-section. Includes work and material shown in the 2022 Public Works Standards and APWA Plan 253.2 and incidentals such as finding existing and concealed street fixtures, railroad rails, and rebar, removal of pavement surface, and legal disposal of millings. If conflict exists between the Public Works Standards and APWA, the Public Works Standards shall govern. Payment shall be full compensation to complete the work associated with milling the asphalt roadway to adjust the roadway elevation in preparation for the bituminous overlays. The work includes but is not limited to the following: milling asphalt in a wedge 1½" below lip of gutter and match the top of existing asphalt 7' away from lip of gutter and/or profile milling of roadway the full roadway width, hauling and disposal of millings at a City designated site within the City limits, and any other labor, equipment, cleanup following construction, and materials necessary for milling the road surface.

3.2.8 EDGE MILL ROADWAY SURFACE:

Measurement and payment for this item shall be on a per square yard basis as measured in the field following milling and before overlay. Not measure for depth. Depth varies up to depth listed in Bid Schedule. This is a profile mill to remove asphalt and fix roadway cross-section. Includes work and material shown in the 2022 Public Works Standards and APWA Plan 253.1 and incidentals such as finding existing and concealed street fixtures, railroad rails, and rebar, removal of pavement surface, and legal disposal of millings. If conflict exists between the Public Works Standards and APWA, the Public Works Standards shall govern. Payment shall be full compensation to complete the work associated with milling the asphalt roadway to adjust the roadway elevation in preparation for the bituminous overlays. The work includes but is not limited to the following: milling asphalt in a wedge 1½" below lip of gutter and match the top of existing asphalt 7' away from lip of gutter and/or profile milling of roadway the full roadway width, hauling and disposal of millings at a City designated site within the City limits, and any other labor, equipment, cleanup following construction, and materials necessary for milling the road surface.

3.2.9 FURNISH AND INSTALL 1½" & 2" BITUMINOUS SURFACE COURSE — 2017 APWA

Spec. (PG 58-28): Payment for level course & 2" overlays, shall be on a per Square Yard basis for all materials delivered to the project site. Use ½" gradation mix for the 1½" and the 2" overlay. The maximum RAP shall be 15%. Verification of the tonnage shall be documented by delivery tickets supplied by the Contractor to the City inspection representative. All tickets

shall indicate the Owner's name, date, type of material, truck number, project location, project number, gross weight and net weight of each material. Delivery tickets shall be turned in daily to the City inspection representative or the City office. Payment shall be at the unit price bid amount and shall be full compensation for completing the work including complete and total cleaning of the streets prior to placement of the materials including weed removal, required tack coat, required tack along the edge of the existing asphalt being matched to, furnishing, and installing the required thickness of bituminous surface course, rolling and compacting the surface course materials. **City inspectors will be collecting samples of the asphalt to determine oil content, air voids, RAP and compaction. Any asphalt determined to be non-compliant with current APWA specifications as specified in the Contract Documents will either be removed & replaced or unit price of the material will be reduced proportionately for that item.** The contractor shall place any necessary tab markers where needed. Contractor shall contact City Public Works Department prior to work commencement in order to coordinate tab placement for striping.

3.2.9 ADJUST MANHOLES, WATER VALVE BOX, MONUMENTS

Measurement and payment for this item shall be on a per each basis. Payment shall be at the unit price bid amount and shall be full compensation to remove and dispose of the bituminous materials or concrete around and over the item, excavation around the item to the required depth, lowering the item (or placing a steel plate), placing a temporary asphalt patch over the top of it, cleanup, mobilization, and traffic control. **Note:** Existing concrete collars may be under the more recent overlay or seal coat. Payment shall be at the unit price bid amount and shall be full compensation to complete the bid item including all labor, materials, equipment, excavation and removal of bituminous materials or concrete around and over the item to the required depth, raising the item to finish grade, cleanup following construction, and construct a minimum 12" wide by an 11-inch thick concrete collar around the item set to grade complete. Payment shall also include the removal of concrete around any previously collared item to allow for the adjustment to grade of that item **regardless of the size** of the previous collar, and to pour back the same width of collar as existing to a minimum 12" wide. The outside edge of the concrete collar shall be 1/4" below the top of the finished asphalt and slope another 1/4" to the top of the lid.

3.2.10 FURNISH AND INSTALL AP4 SEAL COAT: Measurement and payment for this item shall be on a per square yard basis at the unit price bid amount. Payment for this item shall include all related items including complete and total cleaning of streets prior to application including weed removal, furnishing and installing slurry seal materials of the type shown in the bidding schedule, and any cleanup following application. Care shall be taken when applying the seal coat as any excess material in curb and gutter, waterways, and inside catch basins shall be the Contractor's responsibility to clean at no cost to the Owner. Contractor shall contact City Public Works Department prior to work commencement. Seal Coat oil will be tested every morning and afternoon at the owners expense.

3.2.11 FURNISH AND INSTALL WATERWAY: Measurement and payment for this item shall be on a Linear Foot basis at the unit price bid amount. Payment for this item shall include installation of the waterway at the width of the original waterway according to APWA Plan 211. Includes any excavation, asphalt saw cutting, concrete saw cutting, and untreated road base that may be needed.

3.2.12 FLATWORK: Measurement and payment for this item shall be on a Square Foot basis at the unit price bid amount. Excluded from measurement are curb, curb and gutter, piped driveway arch, concrete waterways and transition structures. Includes expansion joints between flatwork and buildings.

3.2.13 INVERT COVERS:

A. Measurement and payment for this item shall be on an Each basis at the unit price bid amount at the Engineer's choice as follows:

1. One half for installation and one half for removal, or
2. After both installation and removal has been completed.

B. Includes work and material shown in APWA 412 and incidentals such as installation, maintenance, cleaning prior to removal, and removal of covers. All manholes, cleanouts, and pipelines leading away from manholes and cleanouts must be clear of debris before installation and after invert cover removal.

3.2.14 DETECTABLE WARNING SURFACE: Measurement and payment for this item shall be on a Square Foot basis at the unit price bid amount. Includes installation of truncated domes per the North Ogden City Public Works Standards a minimum width of 2 feet by the width of the walkable area. Truncated domes to be contrasting in color to the adjacent concrete.

3.2.15 REMOVE WATERWAY: Measurement and payment for this item shall be on a Linear Foot basis at the unit price bid amount. Payment for this item shall include removal and proper disposal of concrete waterway, including reinforcing steel.

3.2.16 REMOVE CURB AND GUTTER: Measurement and payment for this item shall be on a Linear Foot basis at the unit price bid amount. Payment for this item shall include removal and proper disposal of concrete curb and gutter, including reinforcing steel.

3.2.17 REMOVE WATERWAY TRANSITION STRUCTURE: Measurement and payment for this item shall be on a square foot basis at the unit price bid amount. Payment for this item shall include removal and proper disposal of concrete waterway transition structure, including reinforcing steel.

3.2.18 SWPPP AND NOI: Measurement and payment for this item shall be on a percent complete basis at the unit price bid amount. Payment: Twenty (20) percent when Notice of Intent (NOI) has been published on EPA's website for at least seventy-two (72) hours and a copy of the Storm Water Pollution Prevention Plan (SWPPP) has been submitted to ENGINEER. Eighty (80) percent as work progresses.

3.2.19 TRAFFIC CONTROL: Includes incidentals such as police officer (as required), vehicular and pedestrian protection from work zone activity, services of a certified traffic control technician and a traffic control plan acceptable to North Ogden City's City Engineer. Includes business access signs for all businesses while they are impacted by construction activities. These signs shall display business names.

3.2.20 SUBGRADE STABILIZATION:

A. Measurement in volume to the following pay limits:

- Upper limit of excavation is proposed excavation limit.
- Lower and lateral limits are as authorized by ENGINEER.

B. Includes work and material shown in APWA Plan 245 and incidentals such as extra excavation of unstable subgrade material, excavation dewatering, disposal of excavated material, supply and installation of a geotextile and a stable foundation material that is similar to or better than a granular backfill borrow material and compaction. This item is to be used at the ENGINEER's discretion. Payment will not be made unless work is authorized by ENGINEER or appointed representative.

3.2.21 QUANTITY LIMITS: The owner reserves the right to adjust and direct the actual quantities of work performed and eliminate or add any bid items on the project as necessary. All unit price bid amounts will not be considered for negotiated modifications unless the quantity of the work performed amounts to 50% above or below that shown on the original bidding schedule.