"Getting TUF on our streets."

ADDENDUM NO. 1

TO: All Bidders and Plan Holders

FROM: Brad Albert, Project Manager

PROJECT: 2016 Pavement Management Program: Slurry Seals, Micro-Surfacing, and Overlays
Contract #20552222-6102

DATE: May 4, 2016

This addendum to the contract documents is issued to clarify, correct, and supplement the drawings and contract documents issued as **"2016 Pavement Management Program: Slurry Seals, Micro-Surfacing, Alley Overlays and AC Replacements, and Overlays"** having a bid closing and proposal opening date of May 12, 2016. All other areas not specifically mentioned or affected by this Addendum shall remain in full force. This Addendum shall be added as a part of the Original Bid Document. Please be advised of the following revision to the bid documents:

CHANGES TO THE BID BOOK:

Replace: **Part A, Section 3.1 Bid Form** page 20 Schedule "E": Overlays Item #13 was corrected to **3" Level 3, ½" Dense Graded Asphalt Concrete**. Therefore, replace page 20 with the attached Bid Form.

Replace: **Special Specifications Schedule "D" & "E", Section 8.1.1 General** was corrected to the current Oregon Standard Specifications for Construction (**2015**). Therefore, replace page D.4 with the attached corrected page D.4.

Replace: **Special Specifications Schedule "D" & "E", Section 21.d. Asphalt Cement Price Adjustment** was corrected to **3" Level 3, ½" Dense Graded Asphalt Concrete** to coincide with the change made to the bid form. Therefore, replace page D.15 with the attached corrected page D.15.

Replace: **Mapbook, Schedule "E": Overlays** pages B4 and F5 were corrected to **3" Level 3, ½" Dense Graded Asphalt Concrete** to coincide with the change made to the bid form. Therefore, replace pages B4 and F5 with the attached corrected pages B4 and F5.

BID CLOSING DATE: **May 12, 2016**.

It is the responsibility of the prospective bidders to note and sign the contents of this addendum and that the owner is made aware that the addendum has been received. Acknowledge receipt by noting addendum number and receipt in the bid proposal document (Section 3.1 Bid Form, page 17).

W:\Transportation\Street Maintenance\ANNUAL MAINTENANCE DOCUMENTS\2016\Bid Docs\PMP2016_Addendum.docx

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2016 PAVEMENT MANAGEMENT PROGRAM (#20552222-6102)
SCHEDULE "E": OVERLAYS

The bidder proposes to furnish all equipment, materials, and labor required to complete the preparation and placement of approximately **4,260 tons** of asphalt concrete including pavement repair, grinding, approximately 57 sidewalk ramp replacements, striping, and associated work.

ITEM #	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	AMOUNT
1	Move-in, Bond, Insurance, Clean Up, All Streets	L.S.	All		
2	Traffic Control (including temporary lane marking) and Public Notification, All Streets	L.S.	All		
3	Portable Changeable Message Signs (PCMS)	EA	6		
4	Street Preparation (including surface cleaning, removal of thermoplastic tape and reflective markers, and de-vegetation), all streets	L.S.	All		
5	Utility Adjustments				
	A. Manholes	EA.	42		
	B. Water Valves	EA.	43		
	C. Gas Valves	EA.	7		
	D. Catch Basin	EA.	26		
6	Reconstruct Existing Manhole	EA.	4		
7	Survey Monument Boxes				
	A. Adjust Survey Monument Box	EA.	1		
	B. New Survey Monument Box	EA.	1		
8	2" Depth Grind	SQ.YD.	10,225		
9	3" Depth Grind	SQ.YD.	18,430		
10	Asphalt Concrete Removal and Preparation	SQ.YD.	150		
11	Asphalt Concrete Replacement	Ton	30		
12	**2" Level 2**, 1/2" Dense Graded Asphalt Concrete	Ton	1,150		
13	**3" Level 3**, 1/2" Dense Graded Asphalt Concrete	Ton	3,110		
14	Subgrade Stabilization	CY.YD.	100		
15	Install/Replace Pavement Markings per Manual of Uniform Traffic Control Devices				
	A. 4" Yellow, Cold Tape Inlay	LF	2,109		
	B. 12" White, Cold Tape Inlay	LF	1,306		
	C. 8" White, Cold Tape Inlay	LF	1,896		
	D. 4" White, Cold Tape Inlay	LF	1,789		
	E. Reflective two-way yellow raised pavement markers	EA.	131		
	F. Reflective two-way blue raised hydrant pavement markers	EA.	14		
16	Concrete Sidewalk	S.F.	275		
17	Remove/Replace Sidewalk Ramps w/Truncated Domes	EA.	57		
18	Remove/Replace Residential PCC Driveway	S.F.	96		
19	Remove/Replace Commercial PCC Driveway	S.F.	950		
20	Concrete Standard Curb	LF	57		
21	Traffic Signal Loops	EA.	3		
				TOTAL	

METHOD OF AWARD: Award shall be made to the lowest responsive and responsible bidder for the total of the items selected for award. Award shall be made to one bidder and one bidder only. The City reserves the right to withdraw any items(s) from award if it is in the best interest of the City to do so.

advance to allow residents to move personal vehicles prior to work beginning. If work is rescheduled for any reason, the "NO PARKING" signs and notifications need to be appropriately corrected in a timely manner to reflect the change. At the completion of all work, all ***used*** door hangers shall be appropriately disposed of by the contractor. At the end of the project, any ***unused*** door hangers shall be returned to the Inspector/City.

The contractor shall log the posting of the "NO PARKING" signs and door hangers in order for towing to occur for overlays. The log will be submitted on a weekly basis to the Inspector and contain the following minimum information:

- Street Name
- Location (From and To)
- Date Posted
- Time Posted
- Posted By

Payment for traffic control shall be lump sum and shall include all labor, permits, equipment, and materials necessary to coordinate and comply with current MUTCD, OTTCH and City standards.

8. Hot Mix Asphalt Concrete (HMAC)

8.1. Materials:

8.1.1. General: Only materials conforming to the specifications shall be incorporated in the work. The materials shall be manufactured, handled, and used in a workmanlike manner. All asphaltic concrete to be used in this project shall comply with Oregon's Standard Specifications for Construction (2015), Section 00745 – Hot Mixed Asphalt Concrete (HMAC) and contained in subsections 00745.10 to 00745.12 **and including AASHTO T112 (test for friable particles).**

8.1.2. Binder: The asphalt binder shall be PG 64-22 or an approved alternative. Payment for the binder shall be considered incidental to the unit price of A.C.

8.1.3. Aggregates: The aggregates used in the surface mixes shall have a maximum aggregate size of 0.5 inches and shall meet the gradations for dense graded mixes given in Section 00745.12 of the Oregon Standard Specifications for Construction. The aggregate material shall consist of sound, tough, durable particles, free from adherent films of matter that would prevent thorough coating and bonding with the bituminous material and be free from clay balls, organic matter, man-made debris, and other deleterious substances. Deleterious substances are defined as clay/silt lumps, shale, soft, friable, or laminated particles, vegetable/organic matter, or other objectionable material. ***Each aggregate size group shall have no more than 0.5% clay lumps and friable particles as determined by AASHTO T112.***

8.1.4. Mix Design: The mix design shall conform to the general requirements given in Section 00745 referenced above. The mix design shall be performed by a certified laboratory technician.

8.1.5. Mixing and Proportioning: Asphalt concrete shall be hot plant mixed and shall be furnished from the plant at a temperature not to exceed 325˚ F (163˚ C). The mixing temperature shall be selected based on the temperature-viscosity of the binder and shall be included in the mix design.

c. **Monthly Asphalt Cement Adjustment Factor** – The Monthly Asphalt Cement Adjustment Factor will be determined each month as follows:

- If the MACMP is within ± 10% of the Base, there will be no adjustment.
- If the MACMP is more than 110% of the Base, then:
  Adjustment Factor = (MACMP) – (1.10 x Base)
- If the MACMP is less than 95% of the Base, then:
  Adjustment Factor = MACMP) – (0.90 x Base)

d. **Asphalt Cement Price Adjustment** – A price adjustment will be made for the items containing asphalt cement listed below. The price adjustment as calculated in (c) above will use the MACMP for the month the asphalt is incorporated into the Project. The price adjustment will be applied to the quantity of asphalt cement calculated from quality control testing performed according to Oregon's Standard Specifications for Construction, Section 00745 and will be adjusted to exclude the asphalt cement contained in RAP (recycled asphalt pavement). The percentage of asphalt cement contained in RAP shown in the JMF (job mix formula) will be used for the adjustment.

The Pay Items for which price adjustments will be made under these Special Provisions are:

- Asphalt Concrete Replacement
- 2" Level 2, ½" Dense Graded Asphalt Concrete
- 3" Level 3, ½" Dense Graded Asphalt Concrete

Template B4
Schedule "E": Overlays
2016 Pavement Management Program
#20552222-6102

TEMPLATE	SECTION ID	STREET	FROM	TO	LENGTH	WIDTH	AREA (SQYD)	BASE WORK			UTILITY ADJUSTMENTS						RPM'S & BUTTON		PAVEMENT MARKINGS					COMMENTS
								SUBGRADE STABILIZATION (CU.YD.)	3" FULL WIDTH GRIND (SQ.YD.)	3" AC OVERLAY (TONS - LEVEL 3, 1/2" DENSE GRADED ASPHALT)	STORM MANHOLES	SANITARY MANHOLES	GTE MANHOLE	WATER VALVES	GAS VALVES	CATCH BASIN	BLUE RPM	YELLOW RPM	12"WHITE (LF), INLAY	4" WHITE (LF), INLAY	4" YELLOW (LF), INLAY	STOP BAR	STANDARD CROSSWALK	
B4	Q1630	SE WALNUT ST	E/S 5TH AVE 46'EAST OF C/L	C/L 6TH AVE	421	36	1795		1795	302.85	1	2		1		5		11	141		100		2	ADA RAMPS @ 6TH NW=2, SW=2 ADDED AREA=15X36, 12X38
B4	R1634	SE WALNUT ST	6TH AVE	7TH AVE	462	36	1944		1944	328.13	2	1		4		2		11	182	110			3	ADA RAMPS @7TH SW=2, SE=2 ADD2D AREA= 15X28, 14X32
B4	S1636	SE WALNUT ST	C/L 7TH AVE	C/L8TH AVE	445	36	1780		1780	300.38	1	1		2	2	2		11	96	100		2	1	CURB=12' ADA RAMPS @ 8TH SW=2, SE=2 NE=2, NW=2 ADDED AREA=16X32, 15X31
B4	U1641	SE WALNUT ST	C/L 9TH AVE	W/S 10TH AVE	387	40	1720		1720	290.25	1		1			2	2	10		90				LOOPS=3 LOOP POCKETS=2
B4	T1640	SE WALNUT ST	C/L8TH AVE	C/L 9TH AVE	441	36	1879		1879	317.10		1		5			1	11	150		100		2	ADA RAMPS @ 9TH SW=2, SE=2, NW=2, NE=2 ADDED AREA 13X37, 15X37
						TOTALS	9118	0	9118	1538.70	5	5	1	12	2	11	3	54	569	300	200	2	8	

Note: Sections that are on the edge of a template were generally assigned to the template where the Section ID is displayed. Check adjacent templates if quantity information is missing.

Template F5
Schedule "E": Overlays
2016 Pavement Management Program
#20552222-6102

								BASE WORK			UTILITY ADJUSTMENTS						SURVEY		RPM'S		PAVEMENT MARKINGS							
TEMPLATE	SECTION ID	STREET	FROM	TO	LENGTH	WIDTH	AREA (SQYD)	SUBGRADE STABILIZATION (CU.YD.)	3" FULL WIDTH GRIND (SQ.YD.)	3" AC OVERLAY (TONS - LEVEL 3, 1/2" DENSE GRADED ASPHALT)	STORM MANHOLES	SANITARY MANHOLES	GTE MANHOLE	WATER VALVES	GAS VALVES	CATCH BASIN	ADJUST MONUMENT BOX	NEW MONUMENT BOX	BLUE RPM	YELLOW RPM	12"WHITE (LF), INLAY	8" WHITE (LF), INLAY	4" WHITE (LF), INLAY	4" YELLOW (LF), INLAY	STOP BAR	STANDARD CROSSWALK	BIKE	COMMENTS
F5	C2326B	SE DRAKE ST	END G/C (N)	BEGIN C/G (N)	253	28	842		842	142.16																		ADDED AREA= @#6137 6X32 @#? 6X16 @#6215 7X30
F5	C2326A	SE DRAKE ST	C/L 61ST DR	END C/G (N)	302	33	1107		1107	186.86	1	2	1	5	2	1												D/W=1 @ 14 X37 S/W=5X15
F5	A3083B	SE DRAKE ST	BEG C/G (N)	W/C (BEND NORTH)	176	38	743		743	125.40	2			1		2			1				82					
F5	A3083A	SE DRAKE ST	E/S IMLAY AVE	BEG C/G (N)	170	23	450		450	76.01		1									17		11		1			ADDED AREA=6X24 @#5851
F5	A3083C	SE DRAKE ST	W/C (BEND NORTH)	C/L 61ST DR	141	34	603		603	101.70	1	1						1			14				1			ADA RAMPS @61ST=SW 1, NW 1, NE 1 ADDED AREA=15X42
F5	C2326C	SE DRAKE ST	BEGIN C/G (N)	W/S CENTURY BLVD	395	33	1448		1448	244.41		1	1	10		1			2	13	45	342	152		1		1	ADA RAMPS @CENTURY
F5	D3384D	SE DRAKE ST	END C/G (S)	E/S 67TH AVE	443	27	1417		1417	239.06	1	2	1	5	1		1		1	22	52	380	740		3		2	ADA RAMPS @ 67TH= SE 1, NE 1, NW 1 ADDED AREA= 19X36, 7X15
F5	D3384C	SE DRAKE ST	BEGIN C/G (S)	END C/G (S)	166	34	627		627	105.83	1	1				1				6		342		342			2	
F5	D3384B	SE DRAKE ST	END C/G (S)	BEGIN C/G (S)	432	27	1296		1296	218.70		1	1	1					2	11		432		864			1	D/W @ SCHOOL=14X48
F5	D3384A	SE DRAKE ST	E/S CENTURY BLVD	END C/G (S)	212	33	777		777	131.18	1	4		1					1	5	92	400		400		1	2	
						TOTALS	9311		9311	1571.31	7	13	4	23	3	5	1	1	7	57	220	1896	985	1606	6	1	8	

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