



Oregon

Theodore R. Kulongoski, Governor

Department of Transportation
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DATE: January 22, 2010

Addenda No. 3

TO: PLAN HOLDERS

PREPARED BY:

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David Evans & Associates, Inc.

APPROVED BY:

Adrian Esteban, P.E.
David Evans and Associates, Inc.

SUBJECT: Royce & McNary Streets: Pavement Grinding/Overlay Section
(Lake Oswego)
Royce Way & McNary Parkway
Clackamas and Multnomah Counties
Paving Project
(Bids to be opened and read January 28, 2010)

The following changes are made to the Project Bid Booklet:

1. The following changes are made to the Project Bid Items:

a. Quantity changes:

<u>Number</u>	<u>Item</u>	<u>Quantity</u>	
		<u>Original</u>	<u>New</u>
0150	Level 2, 1/2" Dense MHMAC Mixture	3400.0	3550.0

Make a copy of and use the new attached Bid Sheets. A Bid **not** including these new Bid Sheets **will be rejected as non-responsive**.

The following changes are made to the Project Special Provisions:

1. Subsection 00744.48 Hauling, Depositing, and Placing - This subsection is added after subsection 00744.44 Tack Coat: See attachment for full text.

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These changes will be included in the Contract for this Project. It is understood that your Bid will be submitted accordingly.

Make copies of the new Bid Sheets to replace the Special Provisions Bid Schedule Sheets.

CT:mds

Attachments: New Bid Sheets
New Special Provisions Section

BID SCHEDULE

CONTRACT ID: 14171

PROJECT: ROYCE & MCNARY ST: PVMT
GRIND/OVERLAY(LAKE OSWEGO)

PROJECT KEY: 16488

ADDENDUM NUMBER: 3

ITEM NO	ITEM DESCRIPTION	QUANTITY AND UNITS	UNIT PRICE (IN FIGURES)	BID AMOUNT (IN FIGURES)
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SECTION 0001 TEMPORARY FEATURES AND APPURTENANCES

0010	0210-0100000A MOBILIZATION	LS	ALL	
0020	0225-0100000A TEMPORARY PROTECTION AND DIRECTION OF TRAFFIC	LS	ALL	
0030	0225-0102000J TEMPORARY SIGNS	SQFT	1,000.00	
0040	0225-0149000E TEMPORARY FLEXIBLE PAVEMENT MARKERS	EACH	880.00	
0050	0225-0150000F TEMPORARY REMOVABLE TAPE	FOOT	600.00	
0060	0225-0168000T FLAGGERS	HOUR	1,000.00	
0070	0280-0100000A EROSION CONTROL	LS	ALL	
0080	0280-0114000E INLET PROTECTION	EACH	19.00	
0090	0290-0100000A POLLUTION CONTROL PLAN	LS	ALL	

SECTION 0002 ROADWORK

0100	0310-0106000A REMOVAL OF STRUCTURES AND OBSTRUCTIONS	LS	ALL	
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SECTION 0003 DRAINAGE AND SEWERS

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ITEM NO	ITEM DESCRIPTION	QUANTITY AND UNITS	UNIT PRICE (IN FIGURES)	BID AMOUNT (IN FIGURES)
0110	0490-0100000E ADJUSTING BOXES	12.00 EACH		
0120	0490-0120000E MINOR ADJUSTMENT OF MANHOLES	31.00 EACH		

SECTION 0004 BASES

0130	0620-0104000J COLD PLANE PAVEMENT REMOVAL, 0 - 2 INCHES DEEP	23,000.00 SQYD		
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SECTION 0005 WEARING SURFACES

0140	0730-0100000M EMULSIFIED ASPHALT FOR TACK COAT	10.00 TON		
0150	0744-0202000M LEVEL 2, 1/2 INCH DENSE MHMAC MIXTURE	3,550.00 TON		
0160	0748-0106000J 12 INCH ASPHALT CONCRETE PAVEMENT REPAIR	1,300.00 SQYD		
0170	0749-0100000E EXTRA FOR ASPHALT APPROACHES	9.00 EACH		
0180	0749-9Z90000E EXTRA FOR PAVEMENT HUMPS	2.00 EACH		

SECTION 0006 PERMANENT TRAFFIC SAFETY AND GUIDANCE DEVICES

0190	0855-0100000E MONO-DIRECTIONAL WHITE TYPE 1 MARKERS	200.00 EACH		
0200	0855-0102000E BI-DIRECTIONAL YELLOW TYPE 1 MARKERS	200.00 EACH		

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0210	0865-9Z90000F METHYL METHACRYLATE, NON-PROFILE, 90 MIL EXTRUDED	11,000.00 FOOT		
0220	0867-0103000E PAVEMENT LEGEND, TYPE B: ARROWS	15.00 EACH		
0230	0867-0145000J PAVEMENT BAR, TYPE B	200.00 SQFT		
	TOTAL BID			

Add the following subsection:

00744.48 Hauling, Depositing, and Placing - Haul, deposit, and place MHMAC as follows:

(a) Hauling - Cover MHMAC if rain or cold air temperatures are encountered any time between loading and placement.

MHMAC will be rejected before placing if one or more of the following is found:

- Below specified placing temperature limit
- Slumping or separating
- Solidifying or crusting
- Absorbing moisture

Dispose of rejected loads at no additional cost to the Agency.

Deliver the mixture to the paving machine at a rate that provides continuous operation of the paving machine, except for unavoidable delay or breakdown. If excessive stopping of the paving machine occurs during paving operations, the Engineer may suspend paving operations until the mixture delivery rate matches the paving machine operation.

(b) Depositing - Deposit MHMAC from the hauling vehicles so segregation is prevented. Do not deliver the MHMAC directly into the paving machine for wearing courses where the continuous length of the panel is greater than 500 feet. Deliver the MHMAC to the paving machine by either a windrow pick-up machine or an end-dump transfer machine.

When MHMAC is windrowed, the pick-up equipment shall:

- Pick up substantially all of the MHMAC deposited on the roadway.
- Be self-supporting, not exerting any vertical load on the paving machine, or causing vibrations or other motions which could have a harmful effect on the riding quality of the completed pavement.

(c) Placing - Alternative equipment and means may be allowed by the Engineer if the use of a paver is impractical.

Do not place MHMAC during rain or other adverse weather conditions, unless allowed by the Engineer. MHMAC in transit at the time adverse conditions occur may be placed if:

- It has been covered during transit.
- The MHMAC temperature is satisfactory.
- It is placed on a foundation free from pools or flow of water.

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- All other requirements are met.

When leveling irregular surfaces and raising low areas, do not exceed 2 inches actual compacted thickness of any one lift, except the actual compacted thickness of intermittent areas of 1,000 square feet or less may exceed 2 inches, but not more than 4 inches. This may require portions of the mixture to be laid in two or more lifts.

Place the mixture in the number of lifts and courses, and to the compacted thickness for each lift and course, as shown. Place each course in one lift unless otherwise specified. Do not exceed a compacted thickness of 4 inches for any lift. Limit the minimum lift thickness to twice the maximum aggregate size in the mix.

Do not intermingle MHMAC produced from more than one JMF. Each base course panel placed during a working shift shall conform to a single JMF. The wearing course shall conform to a single JMF.