 **SPECIFICATIONS**

**ODOT PRICE AGREEMENTS FOR PURCHASES OF MINOR HOT MIXED ASPHALT CONCRETE (MHMAC) AND HOT OIL/COLD (EMULSION) TACK COATS**

**(Last Update: January 2014)**

**TECHNICAL SPECIFICATIONS**

1. **SILENCE OF SPECIFICATIONS:** The apparent silence of the ITB specifications as to any detail, or the apparent omission of a detailed description concerning any point, shall be regarded as meaning that only the best commercial practice is to prevail and that only materials and workmanship of first quality are to be used.
2. **CERTIFIED WEIGHT**: Contractor agrees to have certified weight scales to determine the weight of each load. Contractor shall provide a certified weight slip to ODOT’s driver for each load.
3. **NON-CONFORMANCE WITH SPECIFICATIONS**: ODOT reserves, through its engineer or designee (“Engineer”) for the project, the right to refuse delivery of material that does not meet gradation specifications, material that is not properly mixed, or for other reasons is unsatisfactory. Any material considered unacceptable by the Engineer will be returned to Contractor's plant, and ODOT shall not be charged for the load or hauling costs. Failure of Contractor to provide Goods as outlined in these specifications could result in ODOT acquiring and hauling materials from another vendor and may result in cancellation of Contractor’s Price Agreement or Contract(s) entered into thereunder, in addition to other remedies available to ODOT.
4. **STANDARD SPECIFICATIONS**: The 2008 Oregon Standard Specifications for Highway Construction, Volume 2 (Technical Specifications), hereinafter referred to as “Standard Specifications,” are referred to in these specifications and are a part of this Price Agreement, except as supplemented and/or modified in this section. All numbers referenced in this section refer to the same section and subsections of the Standard Specifications bearing the same numbers. Volume 1 (General Conditions) of the Standard Specifications does not apply to this Price Agreement(s). The Standard Specifications area available online at: <http://www.oregon.gov/ODOT/HWY/SPECS/Pages/standard_specifications.aspx>
5. **STANDARD SPECIFICATIONS SECTION 00744 – MINOR HOT MIXED ASPHALT CONCRETE (MHMAC) PAVEMENT:**

Comply with Section 00744 of the Standard Specifications supplemented and/or modified as follows:

**00744.00 Scope** - Replace this subsection with the following:

**“00744.00 Scope** - This work consists of manufacturing minor hot mixed asphalt concrete (MHMAC) pavement in accordance with these specifications.”

**00744.13 Job Mix Formula (JMF) Requirements** - Replace the first paragraph with the following:

**“**If requested by the Engineer, provide documentation that the JMF meets the criteria set forth below. The JMF shall have been developed according to the ODOT Contractor Mix Design Guidelines for Asphalt Concrete or verified according to the ODOT Mix Design Verification process.”

**00744.24, 00744.40, 00744.44, 00744.49, 00744.61, 00744.62, 00744.70, and 00744.75** - Delete these subsections.

**00744.80 General** - Replace this subsection with the following:

“**00744.80 General** - The accepted quantities of MHMAC will be measured by the Ton. No deductions and no separate measurement will be made for asphalt cement, mineral filler, lime, anti-strip, or any other additive used in the mixture. “

**00744.90 General**- Replace this subsection with the following:

**“00744.90 General** - The accepted quantities of MHMAC incorporated into the Project, whether or not recycled materials are used, will be paid for at the Contract price per Ton for the item “Level \_\_\_\_, \_\_\_\_\_\_ MHMAC Mixture.”

* The level(s) of MHMAC (2 or 3) will be inserted in the first blank
* The type(s) of MHMAC, (3/4 inch Dense, 1/2 inch Dense, or 3/8 inch Dense) will be inserted in the second blank.”
1. **STANDARD SPECIFICATIONS SECTION 00730 – EMULSIFIED ASPHALT TACK COAT:**

Comply with Section 00730 of the Standard Specifications supplemented and/or modified as follows:

**00730.00 Scope** - Replace this subsection with the following:

“**00730.00 Scope** - This work consists of furnishing emulsified asphalt as specified.”

**00730.11 Emulsified Asphalt** - Replace the fifth paragraph of this subsection with the following:

“Asphalt tack coat will be sampled and tested at the discretion and expense of ODOT.”

**00730.22, 00730.40, 00730.41, 00730.42, 00730.44** - Delete these subsections.

**00730.80 Measurement** - Replace this subsection with the following:

**“00730.80 Measurement** - The quantity of emulsified asphalt cement used as tack coat will be measured by the Ton.”

**00730.90 Payment** - Replace the first paragraph of this subsection with the following:

**“00730.90 Payment** - The accepted quantities of asphalt cement used as tack coat will be paid for at the Contract unit price per Ton for the items “Hot Oil Tack Coat” or “Cold (Emulsion) Tack Coat.”

1. **Vehicle Clearance**: Contractor agrees to accommodate ODOT trucks with a minimum vertical clearance of 12 feet. Contractor operators at plants with a vertical clearance of less than 12 feet shall provide assistance to assure safety while backing under the plant and retention of their appropriate turn to load.
2. **Release Agents in ODOT Vehicles:** Contractor's plant/facility shall be designed such that release agent(s) **(*diesel NOT allowed*)** can be sprayed into ODOT truck beds without having to climb onto the vehicle. Contractor shall submit for approval to the ODOT District Manager (DM) any Manufacturers specifications for the release agent(s) used. Only those release agents approved by the DM shall be authorized for use on ODOT trucks. All operations shall meet OSHA and other federal, state and local guidelines and safety regulations.
3. **Delivered Temperatures:** When MHMAC is picked up at the plant site and loaded into ODOT vehicles, the material must be at a temperature acceptable to ODOT and between 320 and 347 degrees Fahrenheit.

When Contractor is required to deliver MHMAC to job site, the material must be at a temperature acceptable to ODOT and between 284 and 329 degrees Fahrenheit.

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

* Below specified placing temperature limit (when Contractor delivers)
* Slumping or separating
* Solidifying or crusting
* Absorbing moisture
* Gradation
* Grayback (improper coating)
* Burnt

Rejected loads will be disposed of at the Contractor's expense.