



# Oregon

Theodore R. Kulongoski, Governor

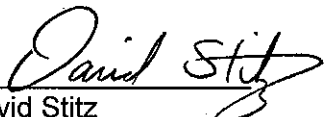
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Technical Services  
Roadway Engineering Section  
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DATE: May 18, 2009

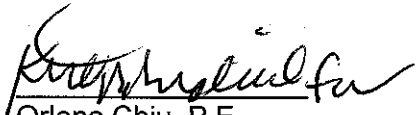
Addenda No. 1

TO: PLAN HOLDERS

PREPARED BY:

  
David Stitz  
Sr. Specification Writer  
David Evans and Associates, Inc.

APPROVED BY:

  
Orlena Chiu, P.E.  
Project Manager  
David Evans and Associates, Inc.

SUBJECT: 2007 ITS Urban Corridor Section  
Various Highways  
Clackamas & Multnomah Counties  
Signals Project  
(Bids to be opened and read May 28, 2009)

The following changes are made to the Project Bid Booklet:

1. The following change is made to the Project Bid Items:
  - a. Deleted item:

<u>Number</u>	<u>Item</u>
0160	TEMPORARY TYPE ORANGE PLASTIC MESH FENCE

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 00160.30 Agency-Furnished Material - The following paragraph is added at the end of the subsection:

The Agency furnished materials will not be available before December 31, 2009.

2. Subsection 00290.38(a) Materials - The first bulleted item that begins with the words "The material meets the requirements..." is deleted.
3. Subsection 00290.38(b)(1) Construction at Tree Wells - This subsection is replaced with the following subsection:

**(b)(1) Construction at Tree Wells** - Construct temporary fences along the perimeter of all existing tree wells within the project construction limits.

4. Subsection 00290.38(b)(2) Construction at Planters - This subsection is replaced with the following subsection:

**(b)(2) Construction at Planters** - Construct temporary fences along the dripline, as defined in 01040.02, of all existing trees within the project construction limits.

5. Subsection 00290.80 Measurement - This entire subsection is deleted.
6. Subsection 00290.90 Payment - This entire subsection is replaced with the following:  
**00290.90 Payment** - Add the following bulleted item to the end of this subsection:
  - Temporary type orange plastic mesh fence
7. Section 00962 Metal Illumination and Traffic Signal Supports - This Section is added after Section 00961:

**SECTION 00962 - METAL ILLUMINATION AND TRAFFIC SIGNAL SUPPORTS**

Comply with Section 00962 of the Standard Specifications modified as follows:

**00962.10 Materials** - Add the following to the end of the material list:

High-Strength Fasteners.....02560.20

**00962.05(c) Illumination Supports** - Add the following to the end of this subsection:

The following standard illumination pole drawings are prequalified for use on the Project:

Ameron Pole Products Division	Drg. OR7, Rev. C, 1/02 Drg. OR8, Rev. C, 1/02 Drg. OR9, Rev. E, 2/02
Union Metal Corp.	Drg. 71049-B18 sh 1, R3, 2/99 Drg. 71049-B18 sh 2, R3, 2/99 Drg. 71049-B19 sh 1, R3, 2/99 Drg. 71049-B19 sh 2, R3, 2/99
Northwest Signal Supply	Drg. NWS2285M, 9/00
Valmont Industries Inc.	Drg. DB00386 sh 1, Rev. B, 3/12/03 Drg. DB00386 sh 2, Rev. B, 3/12/03 Drg. DB00386 sh 3, Rev. B, 3/12/03 Drg. DB00387 sh 1, Rev. B, 3/12/03 Drg. DB00387 sh 2, Rev. B, 3/12/03

**00962.41(b) Disposition of Waste Materials** - Replace this subsection with the following subsection:

**00962.41(b) Disposal of Materials** - Dispose of all materials according to 00290.20.

8. Subsection 00963.90 Payment - The following paragraphs are added after the paragraph that begins "In item (b), the bridge...":

Add the following bulleted items at the end of the paragraph that begins with the words "No separate or additional payment...":

- cutting concrete sidewalk before drilling shaft
- reconstructing reinforced concrete slab after completion of the drilled shaft
- installing joint sealant, if needed

9. Section 02110 Posts, Blocks, and Braces - This Section is added after Section 01040:

### **SECTION 02110 - POSTS, BLOCKS, AND BRACES**

Comply with Section 02110 of the Standard Specifications modified as follows:

**02110.40(a) Grading** - Replace the Douglas Fir and Hem-Fir grading requirements with the following grading requirements:

<b>Species</b>	<b>4" x 4"</b>	<b>4" x 6"</b>	<b>6" x 6" and Larger</b>
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Douglas Fir	124-c WCLIB 42.12 WWPA	123-c WCLIB 62.12 WWPA	131-cc WCLIB 80.12 WWPA
Hem-Fir	124-c WCLIB 42.12 WWPA	123-c WCLIB 62.12 WWPA	(not allowed) (not allowed)

**The following changes are made to the Project Plans:**

1. Plan sheet 1A is replaced with revised plan sheet 1A.

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.

dajs:

Attachments: New Bid Sheets  
Revised Plan Sheet

## BID SCHEDULE

CONTRACT ID: 14048  
PROJECT KEY: 13947

PROJECT: 2007 ITS URBAN CORRIDOR  
ADDENDUM NUMBER: 1

ITEM NO	ITEM DESCRIPTION	QUANTITY AND UNITS	UNIT PRICE (IN FIGURES)	BID AMOUNT (IN FIGURES)
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	200.00	
0040	0225-0104000E TEMPORARY BARRICADES, TYPE II	EACH	4.00	
0050	0225-0105000E TEMPORARY BARRICADES, TYPE III	EACH	3.00	
0060	0225-0145000E TEMPORARY PLASTIC DRUMS	EACH	20.00	
0070	0225-0162000E SEQUENTIAL ARROW SIGNS	EACH	1.00	
0080	0225-0164000E PORTABLE CHANGEABLE MESSAGE SIGNS	EACH	2.00	
0090	0225-0168000T FLAGGERS	HOUR	800.00	
0100	0280-0100000A EROSION CONTROL	LS	ALL	
0110	0280-0101000J PLASTIC SHEETING	SQYD	100.00	
0120	0280-0113000F SEDIMENT FENCE, UNSUPPORTED	FOOT	450.00	

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0130	0280-0114000E INLET PROTECTION	23.00 EACH		
0140	0280-0115000E STRAW BALES	1.00 EACH		
0150	0280-9Z90000E BIOFILTER BAGS	10.00 EACH		
0160	0000-0100000A DELETED BID ITEM	ALL LS	0.00	0.00
0170	0290-0100000A POLLUTION CONTROL PLAN	ALL LS		

SECTION 0002 ROADWORK

0180	0305-0100000A CONSTRUCTION SURVEY WORK	ALL LS		
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SECTION 0003 PERM TRAFF CONTROL & ILLUM SYSTEMS - VMS SUPPORTS

0190	0930-0104000A MONOTUBE CANTILEVER VMS SUPPORT STRUCTURE (BR20812)	ALL LS		
0200	0930-0104000A MONOTUBE CANTILEVER VMS SUPPORT STRUCTURE (BR20813)	ALL LS		
0210	0930-0104000A MONOTUBE CANTILEVER VMS SUPPORT STRUCTURE (BR20814)	ALL LS		
0220	0930-0104000A MONOTUBE CANTILEVER VMS SUPPORT STRUCTURE (BR20815)	ALL LS		

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ITEM NO	ITEM DESCRIPTION	QUANTITY AND UNITS	UNIT PRICE (IN FIGURES)	BID AMOUNT (IN FIGURES)
0230	0930-0104000A MONOTUBE CANTILEVER VMS SUPPORT STRUCTURE (BR20816)	LS ALL		
0240	0930-0104000A MONOTUBE CANTILEVER VMS SUPPORT STRUCTURE (BR20817)	LS ALL		
0250	0930-0104000A MONOTUBE CANTILEVER VMS SUPPORT STRUCTURE (BR20818)	LS ALL		
0260	0930-0104000A MONOTUBE CANTILEVER VMS SUPPORT STRUCTURE (BR20820)	LS ALL		
0270	0930-0104000A MONOTUBE CANTILEVER VMS SUPPORT STRUCTURE (BR20821)	LS ALL		
0280	0930-0104000A MONOTUBE CANTILEVER VMS SUPPORT STRUCTURE (BR20824)	LS ALL		

SECTION 0004 PERM TRAFF CONTROL & ILLUM SYSTEMS - SUPPORT DRILLED SHAFTS

0290	0963-0102000F 42 INCH DIAMETER VMS SUPPORT DRILLED SHAFT (BR20812)	FOOT 13.00		
0300	0963-0102000F 42 INCH DIAMETER VMS SUPPORT DRILLED SHAFT (BR20813)	FOOT 13.00		
0310	0963-0102000F 42 INCH DIAMETER VMS SUPPORT DRILLED SHAFT (BR20814)	FOOT 13.00		
0320	0963-0102000F 42 INCH DIAMETER VMS SUPPORT DRILLED SHAFT (BR20815)	FOOT 13.00		

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ITEM NO	ITEM DESCRIPTION	QUANTITY AND UNITS	UNIT PRICE (IN FIGURES)	BID AMOUNT (IN FIGURES)
0330	0963-0102000F 42 INCH DIAMETER VMS SUPPORT DRILLED SHAFT (BR20816)	FOOT 13.00		
0340	0963-0102000F 42 INCH DIAMETER VMS SUPPORT DRILLED SHAFT (BR20817)	FOOT 13.00		
0350	0963-0102000F 42 INCH DIAMETER VMS SUPPORT DRILLED SHAFT (BR20818)	FOOT 13.00		
0360	0963-0102000F 42 INCH DIAMETER VMS SUPPORT DRILLED SHAFT (BR20820)	FOOT 13.00		
0370	0963-0102000F 42 INCH DIAMETER VMS SUPPORT DRILLED SHAFT (BR20821)	FOOT 13.00		
0380	0963-0102000F 42 INCH DIAMETER VMS SUPPORT DRILLED SHAFT (BR20824)	FOOT 13.00		

SECTION 0005 PERMANENT TRAFFIC CONTROL AND ILLUMINATION SYSTEMS-VMS SIGNS

0390	0990-9Z90000A VARIABLE MESSAGE SIGN INSTALLATION NO. 10, COMPLETE	LS ALL		
0400	0990-9Z90000A VARIABLE MESSAGE SIGN INSTALLATION NO. 12, COMPLETE	LS ALL		
0410	0990-9Z90000A VARIABLE MESSAGE SIGN INSTALLATION NO. 14, COMPLETE	LS ALL		
0420	0990-9Z90000A VARIABLE MESSAGE SIGN INSTALLATION NO. 18, COMPLETE	LS ALL		

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ITEM NO	ITEM DESCRIPTION	QUANTITY AND UNITS	UNIT PRICE (IN FIGURES)	BID AMOUNT (IN FIGURES)
0430	0990-9Z90000A VARIABLE MESSAGE SIGN INSTALLATION NO. 3, COMPLETE	LS	ALL	
0440	0990-9Z90000A VARIABLE MESSAGE SIGN INSTALLATION NO. 5, COMPLETE	LS	ALL	
0450	0990-9Z90000A VARIABLE MESSAGE SIGN INSTALLATION NO. 6, COMPLETE	LS	ALL	
0460	0990-9Z90000A VARIABLE MESSAGE SIGN INSTALLATION NO. 7, COMPLETE	LS	ALL	
0470	0990-9Z90000A VARIABLE MESSAGE SIGN INSTALLATION NO. 8, COMPLETE	LS	ALL	
0480	0990-9Z90000A VARIABLE MESSAGE SIGN INSTALLATION NO. 9, COMPLETE	LS	ALL	

SECTION 0006 RIGHT-OF-WAY DEVELOPMENT AND CONTROL

0490	1030-0109000R PERMANENT SEEDING, MIX NO. 1	ACRE	0.10	
0500	1040-0190000K BARK MULCH	CUYD	8.00	
	TOTAL BID			

INDEX OF SHEETS, CONT'D.	
SHEET NO.	DESCRIPTION
<b>GEO</b>	
GB	Geotechnical Data (Site 3)
GB-2	Geotechnical Data (Site 5)
GB-3	Geotechnical Data (Site 6)
GB-4	Geotechnical Data (Site 7)
GB-5	Geotechnical Data (Site 8)
GB-6	Geotechnical Data (Site 9)
GB-7	Geotechnical Data (Site 10)
GB-8	Geotechnical Data (Site 12)
GB-9	Geotechnical Data (Site 14)
GB-10	Geotechnical Data (Site 18)
<b>ITS SIGNAGE</b>	
ITS-785	Legend
ITS-786	Variable Message Sign Plan (Site 3 & 18)
ITS-787	Variable Message Sign Plan (Sites 5 & 6)
ITS-788	Variable Message Sign Plan (Site 7)
ITS-789	Variable Message Sign Plan (Sites 8 & 9)
ITS-790	Variable Message Sign Plan (Site 10)
ITS-791	Variable Message Sign Plan (Site 12)
ITS-792	Variable Message Sign Plan (Site 14)
ITS-793	Variable Message Sign Details
ITS-794	Wood Pole Details
ITS-796	Sign Support Plan And Elevation (Site 3)
ITS-797	Sign Support Plan And Elevation (Site 5)
ITS-798	Sign Support Plan And Elevation (Site 6)
ITS-799	Sign Support Plan And Elevation (Site 7)
ITS-800	Sign Support Plan And Elevation (Site 8)
ITS-801	Sign Support Plan And Elevation (Site 9)
ITS-802	Sign Support Plan And Elevation (Site 10)
ITS-803	Sign Support Plan And Elevation (Site 12)
ITS-804	Sign Support Plan And Elevation (Site 14)
ITS-805	Sign Support Plan And Elevation (Site 18)
ITS-806	Sign Support Detail 1
ITS-807	Sign Support Detail 2

STANDARD DRG. NOS.

- RD1010
  - RD1040
  - TM455
  - TM472
  - △ TM600
  - TM622, TM623, TM624
  - TM625, TM627
  - TM670
  - TM677
  - TM681
  - TM800
  - TM820
  - TM821
  - TM841
  - TM842
  - TM850
  - TM851, TM852
- Inlet Protection (Type 1, 2 & 3)
  - Sediment Fence, Supported Sediment Fence, Unsupported
  - Temporary Signal Details
  - Traffic Signal Junction Boxes
  - Multi-Post Breakaway Sign Supports
  - Std. Monotube Cantilever
  - Wood Post Sign Supports
  - Sign Mounts
  - Perforated Steel Square Tube (PSST) Sign Support Installation
  - Tables, Abrupt Edge, and PCMS Details
  - Temporary Barricades
  - Temporary Sign Supports
  - Intersection Workzone Details
  - Multi-Lane Signalized Intersection Details
  - 2 Lane, 2 Way Roadways
  - Non-Freeway Multi-Lane Sections

△ 2009-05-18 Added Standard Drg. No. TM600

<b>2007 ITS URBAN CORRIDOR SEC.</b>		
VARIOUS HIGHWAYS		
CLACKAMAS & MULTNOMAH COUNTIES		
FEDERAL HIGHWAY ADMINISTRATION	PROJECT NUMBER	SHEET NO.
OREGON DIVISION	STATE	1A