



ADDENDUM No. 1

To: ITB No. 10468, NE 28th Avenue Improvements

Addendum Date: April 3, 2015

Closing Date and Time: April 9, 2015 2:00 PM

Item 1: Change **00160.30 Agency Furnished Material** - Replace the bullet point with the following:

- ¾" ARV by A.R.I. model S-050V

Item 2: Addition Insert the following Section:

SECTION 00290 – ENVIRONMENTAL PROTECTION

Comply with Section 00290 of the Standard Specifications modified as follows:

Add the following subsection:

00290.31 Monitoring Well – Comply with all rules of the Oregon Water Resources Department.

(a) Alterations – Any alterations to a monitoring well shall be conducted only by a contractor with a valid Monitoring Well Constructor License. This includes but is not limited to the monument box adjustment to grade.

00290.90 Payment – Add the following pay item:

(a) Monitoring Well Adjust to Grade Each
Item (a) includes furnishing and placing all materials necessary to adjust the monitoring well to grade as well as any required fees.

Item 3: Change Bid Item 42 unit of measure from Foot to Each.

Item 4: Addition **00759.00 Scope** - Replace this subsection, except for the subsection number and title, with the following:
This work consists of furnishing, placing and finishing commercial grade concrete curbs, islands, traffic separators, driveways, walks, monolithic curb and sidewalks, miscellaneous surfaces, and stairs and furnishing and installing metal handrail in close conformity to the lines, grades and dimensions shown or

established. The commercial grade concrete items in this Section will be collectively referred to as "structures".

00759.10 Materials - Replace the metal pipe handrail line with the following line:

Metal Handrail02830

00759.52 Metal Handrail - Fabricate and assemble free standing and direct bury metal handrail as shown.

00759.53 Welding - Welding, welder qualifications, prequalification of weld details and inspection of welds shall conform to AWS D1.1. Submit all welding procedure specifications to the Engineer for approval.

00759.54 Bolt Holes:

(a) Punched Holes - Use a die with a diameter not exceeding the diameter of the punch by more than 1/16 inch. Ream any holes that are required to be enlarged to admit the anchor bolts. Make clean cut holes without torn or ragged edges.

(b) Accuracy of Punched Holes - Locate all holes punched full size so accurately that when multiple anchor plates are stacked with the edges even, a cylindrical pin 1/8 inch smaller in diameter than the nominal size of the punched hole may be entered perpendicular to the face of the plate without drifting in each of the connecting holes in the same plane. Non-conforming pieces will be rejected.

00759.80 Measurement - Replace the length basis bullet with the following bullet:

- Length Basis - Measurement of concrete items will be along the face of the structure, from end to end including curb tapers or depressed lengths at driveways and ramps. Measurement of metal handrail will be along the top rail member, from center of end post to center of end post.

00759.90 Payment - Add the following pay items:

(o) Metal Handrail Foot

Item (o) includes all items as shown on sheet 2T (98/183) and all TriMet electrical grounding requirements. No separate or additional payment will be made for electrical grounding.

Item 5: Addition

00867.90 Payment – Add the following pay items:

(e) Pavement Legend, Type Thermoplastic, Stop Here Each

(f) Pavement Legend, Type Thermoplastic, Don't Stand Here Each

Items (e) and (f) include all materials and markings as shown on Sheet 2T-2 (99/183) and shall meet current TriMet Design Standards.

Item 6: Addition

00990.90 Payment – Add the following pay item:

(c) TriMet Signal Complete..... Lump Sum

Item (c) includes furnishing, installing, and relocating all items necessary for the complete installation of the TriMet signal system, including foundations, pole

relocations, mast arms, reconnection to railway cabinets, junction boxes, and signs with mounting hardware.

Item 7: Deletion

Construction Plan Sheet No. 8 (Page 107 of 183) Delete Note 17 *Existing water fountain and valve box to be removed.* The fountain and valve box have already been removed by City forces.

Attachments:

Bid Form

- End -

BID FORM (PAGE 2 OF 10)

Bidder Name: _____

Bidder CCB# _____

Provide Bids on all items below.

	ITEM	UNIT	TOTAL QUANTITY	UNIT PRICE	TOTAL COST
MOBILIZATION AND TRAFFIC CONTROL (00200)					
1	Miscellaneous Field Changes (00196)	AA	AA	\$150,000.00	\$150,000.00
2	Miscellaneous Right-Of-Way Changes (00196)	AA	AA	\$100,000.00	\$100,000.00
Subtotal					\$250,000.00
MOBILIZATION AND TRAFFIC CONTROL (00200)					
3	Mobilization (00210)	LS	ALL		
4	Temporary Protection and Direction of Traffic (00225)	LS	ALL		
5	Flaggers (00225) (minimum bid \$46.00)	HR	8,000		
6	Traffic Control Supervisor (00225)	Work Shift	50		
7	Temporary Widening (00230)	LS	ALL		
8	Temporary Construction Work Zone Fence (Orange) (00270)	LF	2,580		
9	Tree Protection Fencing (00270)	LF	60		
10	Temporary Fencing (00280)	LF	581		
11	Erosion Control (00280)	LS	ALL		
12	Erosion Control Mulch (00280)	CY	50		
13	Erosion Control, Inlet Protection (00280)	EA	81		
14	Erosion Control, Orange Unsupported Silt Fence (00280)	LF	2,672		
15	Erosion Control, Concrete Washout (00280)	EA	2		
15a	Monitoring Well Adjust to Grade (00290)	EA	2		

BID FORM (PAGE 3 OF 10)

	ITEM	UNIT	TOTAL QUANTITY	UNIT PRICE	TOTAL COST
ROAD WORK (00300)					
16	Removal of Structures and Obstructions (00310)	LS	ALL		
17	Clearing and Grubbing (00320)	LS	ALL		
18	General Excavation (00330)	CY	23,554		
19	Subgrade Stabilization (00331)	CY	2,345		
20	Subgrade Geotextile (00350)	SY	23,636		
Subtotal					
DRAINAGE AND SEWERS (00400)					
21	4" Storm Sewer PVC Pipe, 0'-10' (00445)	LF	209		
22	10" Storm Sewer PVC Pipe, 0'-10' (00445)	LF	140		
23	10" Storm Sewer DI Pipe, 0'-10' (00445)	LF	125		
24	12" Storm Sewer Pipe RCP, 0'-10' (00445)	LF	636		
25	12" Storm Sewer Pipe PVC, 0'-10' (00445)	LF	446		
26	12" Storm Sewer Pipe DI, 0'-10' (00445)	LF	117		
27	15" Storm Sewer Pipe PVC, 0'-10' (00445)	LF	42		
28	18" Storm Sewer Pipe PVC, 0'-10' (00445)	LF	253		
29	24" Storm Sewer Pipe PVC, 0'-10' (00445)	LF	1,071		
30	Roof or Field Drain Connection (00445)	LF	500		
31	Sanitary Sewer Lateral Repair, 0'-10' (00445)	LF	55		
32	8" Sanitary Sewer Pipe, 0'-10' (00445)	LF	29		
33	Inserta-Tee (00445)	EA	11		
34	Concrete Manhole, Standard (00470)	EA	12		

	ITEM	UNIT	TOTAL QUANTITY	UNIT PRICE	TOTAL COST
35	Concrete Manhole, 60" W/ SNOOT (00470)	EA	3		
36	Contech 18" Perlite Water Quality Cartridges (00470)	EA	4		
37	Concrete Inlets, Type CG-2 (00470)	EA	5		
38	Concrete Inlets, Type CG-48 Manhole (00470)	EA	7		
39	Concrete Inlets, Type CG-48 (00470)	EA	22		
40	Concrete Inlets, Area Drain (00470)	EA	4		
41	Concrete Inlets, Landscape Drain (00470)	EA	8		
42	Concrete Cleanout, Standard (00470)	EA	1		
43	Major Adjustment of Manholes (00490)	EA	3		
44	Minor Adjustment of Manholes (00490)	EA	13		
45	Connection To Existing Structures (00490)	EA	7		
46	Filling Abandoned Structures (00490)	LS	ALL		
47	Extra For Structure Over Existing Sewers (00490)	EA	11		
Subtotal					
BASES (00600)					
48	Aggregate Base (00641)	CY	14,943		
Subtotal					
WEARING SURFACES (00700)					
49	Level 3, 1/2" Dense WHMAC (00744)	TONS	812		
50	Extra for Asphalt Approaches (00749)	SF	2,399		
51	PCC Pavement (00756)	SY	20,709		

	ITEM	UNIT	TOTAL QUANTITY	UNIT PRICE	TOTAL COST
52	PCC Pavement Replacement (00758)	SY	120		
53	Concrete Pavement Spall Repair (00758)	SF	50		
54	Impact Slab (00759)	SF	1,736		
55	Concrete Driveway (00759)	SF	12,422		
56	Concrete Driveway - Reinforced (00759)	SF	632		
57	Truncated Domes (00759)	SF	535		
58	Concrete Median Island (00759)	SF	308		
59	Concrete Curbs, Curb and 6" Thick Gutter (00759)	LF	961		
60	Concrete Curbs, Curb and 9" Thick Gutter (00759)	LF	5,498		
61	Concrete Curbs, Standard Curb (00759)	LF	238		
62	Concrete Walks (00759)	SF	30,410		
62a	Metal Handrail (00759)	LF	60		
Subtotal					
PERMANENT TRAFFIC CONTROL AND GUIDANCE DEVICES (00800)					
63	Concrete Barrier (00820)	LF	135		
64	Mono-Directional White Type I Markers (00855)	EA	93		
65	Bi-Directional Yellow Type I Markers (00855)	EA	179		
66	Longitudinal Pavement Markings - Paint (4-inch equivalent) (00860)	LF	6,800		
67	Cold Tape Inlay (4-inch equivalent) (00865)	LF	24,000		
68	Turning Arrows, Cold Tape Inlay (00867)	EA	29		
69	Railroad Crossing Markings, Cold Tape Inlay (00867)	EA	2		
70	Bicycle Lane Symbol w/ Arrow, Cold Tape Inlay (00867)	EA	20		

	ITEM	UNIT	TOTAL QUANTITY	UNIT PRICE	TOTAL COST
71	Pavement Bar, Cold Tape Inlay (00867)	SF	145		
72	Crosswalk Bar, Cold Tape Inlay (00867)	SF	854		
72a	Pavement Marking, Type Thermoplastic, Stop Here (00867)	EA	4		
72b	Pavement Marking, Type Thermoplastic, Don't Stand Here (00867)	EA	2		
Subtotal					
PERMANENT TRAFFIC CONTROL AND ILLUMINATION SYSTEMS (00900)					
73	Remove Existing Signs (00905)	LS	ALL		
74	Remove and Reinstall Existing Signs (00905)	LS	ALL		
75	Square Tube Sign Supports (00930)	EA	34		
76	Type "G" Signs (00940)	SF	93		
77	Type "G1" Signs (00940)	SF	43		
78	Type "R" Signs (00940)	SF	6		
79	Type "W1" Signs (00940)	SF	14		
80	Type "Y1" Signs (00940)	SF	37		
81	Type "Y2" Signs (00940)	SF	13		
82	Type "C" Signs (00940)	SF	42		
83	Removal and Reinstallation of Electrical Systems (00950)	LS	ALL		
84	Pole Foundations (00970)	EA	32		
85	Lighting Poles and Arms, 35' Pole + 8' Arm (00970)	EA	5		
86	Lighting Poles and Arms, 25' Pole + 6' Arm (00970)	EA	27		
87	Nodes, Luminaires, Lamps, And Ballasts (00970)	EA	32		

	ITEM	UNIT	TOTAL QUANTITY	UNIT PRICE	TOTAL COST
88	Switching, Conduit, And Wiring (00970)	LS	ALL		
89	Traffic Signal Installation: 28th at Veterans (00990)	LS	ALL		
90	Rectangular Rapid Flashing Beacon (RRFB) (00990)	LS	ALL		
90a	TriMet Signal (00990)	LS	ALL		
91	Fiber Optic Communications System (00995)	LS	ALL		
92	Fiber Optic Testing (00995)	LS	ALL		
Subtotal					
RIGHT-OF-WAY DEVELOPMENT (01000)					
93	Grass Mix Seeding (01030)	SF	36,820		
94	Wetland Buffer Mitigation Planting (01040)	LS	ALL		
95	Landscape Creeping Rubus Groundcover (01040)	EA	2,138		
96	Landscape Oregon Grape Holly Shrub (01040)	EA	20		
97	Landscape Doublefile Viburnum Shrub (01040)	EA	13		
98	Landscape Bark Mulch (01040)	CY	123.0		
99	Landscape 3/4" Clean Crushed Rock (01040)	CY	8.0		
100	Trees (01040)	EA	74		
101	Root barrier (01040)	LF	2,220		
102	Topsoil (01040)	CY	766		
103	Type CL-4 Fence (01050)	LF	98		
104	Solid Wood Fence (01050)	LF	526		
105	Vinyl Fence Relocation (01050)	LF	64		
106	Monument Boxes - Installed (01065)	EA	19		

	ITEM	UNIT	TOTAL QUANTITY	UNIT PRICE	TOTAL COST
107	Mailbox Supports (01070)	EA	8		
108	Cluster Box Unit - 8 Slots (01070)	EA	3		
109	Cluster Box Unit - 16 Slots (01070)	EA	1		
Subtotal					
WATER SUPPLY SYSTEMS (01100)					
110	6 Inch Potable Water Pipe with Restrained Joints (01140)	FT	60		
111	8 Inch Potable Water Pipe with Restrained Joints (01140)	FT	1,792		
112	6 Inch MJ Bend (01140)	EA	1		
113	8 Inch MJ Bend (01140)	EA	12		
114	12 Inch MJ Bend (01140)	EA	1		
115	4 Inch Standard Blowoff Assembly (01140)	EA	1		
116	3/4" Air Release Valve (01140)	EA	5		
117	3/4" Nearside Single Domestic Water Service (01140)	EA	11		
118	3/4" Farside Single Domestic Water Service (01140)	EA	12		
119	3/4" Farside Dual Domestic Water Service (01140)	EA	9		
120	2" Irrigation Water Service (01140)	EA	1		
121	Fire Hydrant Assembly (01140)	EA	6		
122	Adjust Existing Valve Boxes (01140)	EA	6		
123	Water Connection Detail A (1140)	LS	ALL		
124	Water Connection Detail B (1140)	LS	ALL		
125	Water Connection Detail C (1140)	LS	ALL		
126	Water Connection Detail D (1140)	LS	ALL		

	ITEM	UNIT	TOTAL QUANTITY	UNIT PRICE	TOTAL COST
127	Water Connection Detail E (1140)	LS	ALL		
128	Water Connection Detail F (1140)	LS	ALL		
129	Water Connection Detail G (1140)	LS	ALL		
130	Water Connection Detail H (1140)	LS	ALL		
131	Water Connection Detail I (1140)	LS	ALL		
132	Water Connection Detail J (1140)	LS	ALL		
133	Water Connection Detail K (1140)	LS	ALL		
134	Corrosion Protection (01180)	LS	ALL		
Subtotal					
ESTIMATED CONSTRUCTION COSTS					

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 item(s) from award consideration if it is in the best interest of the City to do so.

UNITS OF MEASURE			
AS AUTHORIZED	AA	HOUR	HR
BUDGET	BT	LUMP SUM	LS
CUBIC YARD	CY	TONS	TON
EACH	EA	FOOT	FT
ACRE	AC	SQUARE FOOT	SF