

ADDENDUM #1 – SECTION #13-00108-00-PV
Village of Rantoul
Innovation Road – Local Road Improvements
Date: February 18, 2013

****Please note that there is no change as the bid opening on February 22, 2012 will be at 2 pm.**

Please acknowledge the receipt of this addendum by signing and returning the attached form OR include with Bid. If Addendum #1 is not attached to the bid, the bid may be disqualified. Fax or Email to Daniel C. Stevens, SPACECO, Inc., Ltd. at (847) 696-4064 or dstevens@spacecoinc.com

Modification No. 1

For this contract all work shall be begin on March 20th, 2013 and be substantially complete on **June 30th, 2013**. After the completion date, an additional 15 working days will be allowed to complete all off-road or miscellaneous items of work. Contractor may begin work prior to March 20th, 2013 with written consent from the owner.

Modification No. 2

Revised Bid Quantities Sheet (Included) to be returned with Bid

Bid Quantity Modification No. 1

AGGREGATE BASE COURSE, TYPE B, 6" quantity increased to be a total of 13,710 SY

Bid Quantity Modification No. 2

STORM SEWER ITEMS

- Structure I-45 (Inlet, Type A, Type 11 Frame & Grate) will be revised to be (CATCH BASIN, TYPE A, 5' DIAMETER, TYPE 11 FRAME AND GRATE)
- Structure I-16 (Inlet, Type A, Type 8 Grate) will be revised to be (CATCH BASIN, TYPE A, 5' DIAMETER, TYPE 8 GRATE)

Clarification No. 1

As part of the costs for TRAFFIC CONTROL AND PROTECTION, SPECIAL, the contractor must provide access at all times to Evans Road and On-going EBS Shared Service Facility construction project south of Innovation Road for all vehicles including construction vehicles. Construction of Innovation Road from Evans Road east to station 17+00 should be staged in a manner to allow construction vehicles to access the On-going EBS Shared Service Facility construction at all times. When limiting access to the EBS Shared Service Facility construction is unavoidable, (example: elliptical culvert installation) proper coordination and notification is required with the EBS Shared Service Facility General Contractor and Village of Rantoul. There is also on-going Watermain & Sewer Extension work along Evans Road and Innovation Road with an expected completion date of March 29, 2013.

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Clarification No. 2

There are two (2) existing - 24" corrugated plastic culverts (+/-85 LF each), at the location of the proposed elliptical culverts, the existing culverts should be removed and disposed of off-site as part of the contract. The cost to remove & dispose of the temporary pipe should be considered incidental to the cost of the PIPE CULVERTS, CLASS C,TYPE 1 EQUIVALENT ROUND SIZE 30"

Clarification No. 3

The curb & the pavement was not proposed to be poured monolithically; Type B-6.12 was specified, see standard IDOT detail 606011-05.

Clarification No. 4

The entire ROW has been stripped of all topsoil, and graded to the approximate subgrade of the road. As required by line item 21101625 TOPSOIL FURNISH AND PLACE 6", all topsoil for respreads needs to be supplied by contractor and is not available on-site.

SUBMITTED QUESTIONS BY CONTRACTORS & RESPONSES

1. Sheet 15 – Structure I-45 – the 24-inch RCP will not fit into a 2 ft diameter structure. With the 12 –inch RCP lead to the south – I think this structure will need to be 4 ft diameter at the very least.
Structure I-45 will be revised to be a 5' diameter structure.
2. Sheet 15 – Inlets I-44 and I-46 are shown as 6.18 ft tall (rim to invert) – this is not typical and generally expensive. I think the 3 ft long leads could be brought up to 3 ft (surface to invert) which is a typical depth.
Inlets I-44 & I-45 will be shallowed up to be 3' – 3.5' deep.
3. Sheet 19 – The structure M-13 – there might be an issue getting the pipe into this structure and having enough integrity left to the structure with the angle of the 12 inch RCP versus the 36-inch RCP. Might want to review sizing on this structure.
We will adjust the location of CB-17 to the west to allow use of structure, quantities remain unchanged for Bid, will do on construction set.
4. Sheet 19 – Does the storm line between structure M-14 and I-16 need to be 36-inch diameter? If so, structure I-16 will not work as a 2 ft diameter inlet.
Structure I-16 will be revised to be 5' diameter Catch Basin.
5. There is a pay item for 'Shaping and Grading Roadway' in the amount of 25.600 SQ YD. IDOT specification section 301: Subgrade Preparation does not refer to a method of measurement or payment in units of Square Yard. What is this pay item intended to be and what is the intended scope of this pay item? It appears that this is the entire right of way area for Innovation Drive – is that correct? A site visit indicates that this area has had topsoil stripped and has been rough – graded, is that correct?
The entire ROW was stripped of all topsoil, and graded to the approximate subgrade of the road. From the Mass-grading plan to the final design of the roadway, there we some minor adjustments to the sub-grade elevations (+/-2") particularly at the high-points & low points. We included this line item to account for any fine grading the selected contractor has to do to construct the roadway. The SQ YD unit of measurement was acceptable to IDOT.

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6. The typical sections on drawing number 5 would seem to indicate that the gutter flag for the curb adjacent to the Innovation Road paving is thicker than the 8-inch pavement sections. IDOT standard 606001-05 shows that for CC&G adjacent to concrete pavement, that the curb flag is the same thickness as the adjacent paving. It is only shown thicker (9-inches minimum) when adjacent to HMA paving. Please clarify the intent – is the CC&G gutter flag to be 8-inches thick as is the adjacent PCC Pavement?
The typical section on sheet 5 is misleading; the standard IDOT detail should be used for a curb adjacent to PCC Pavement.
7. The quantity for Aggregate Base Course, Type B, 6" is 12,087 SQ YD which is the same quantity as the PCC Pavement 8". The typical sections show that the aggregate base course extends to 1-foot outside of the curb line. It would appear that the aggregate base course for the (CC&G + the 1-foot extension) is not included in the quantities. This would be 5,662 lineal feet at 2.58 Ft. = 1,623 SQ YD. Please clarify.
We were intending to have the stone for the curb & additional foot to be included in the price of the curb & gutter, but as we found this to be confusing also, we will update the Agg. Base Course, Type B, 6" with the additional quantity. A revised schedule of Quantities will be posted with addendum.
8. Item 20200100 Earth Ex 4000 CY: Is this quantity topsoil removal? If you cut out 1' of topsoil do you plan on building it back up with 1' of clay dirt? It appears to be this way in the cross sections. Are you planning for the fill dirt to come from the pipe excavation or import from offsite? Can the 4000 CY of Earth Ex be used for 6" Topsoil?
The entire ROW was previously stripped of all topsoil, and graded to the approximate subgrade of the road by the current construction on-going in the area. There is excavation for ditches along road the East and north of the road, and there are some adjustments to the subgrade from the previously mass graded sections. This excavation can be used as fill in the parkway along with the sewer spoils. The topsoil within the limits of the ROW was previously stripped and bids need to include Furnishing Topsoil as noted in schedule of quantities.
9. Item 21101615 Topsoil Furnish and Place 6": The states # for 6" furnish and place is 21101625. 4" is as you have listed 21101615. Do you want 4" or 6" of Topsoil?
6" of Topsoil will be required.
10. Item 60604000 Combination Concrete Curb and Gutter, Type B-6.12 (Dowelled): Can the dowels be placed on duckbills or P stakes and then pour the curb and the pavement monolithically?
The curb & the pavement was not proposed to be poured monolithically; Type B-6.12 was specified, see standard IDOT detail 606011-05.
11. Should there be a deduct in quantity of silt fence since most of is installed, or should we just bid plan quantity then deduct if we get the job?
Plan to bid per the provided amount, the silt fence will have to be coordinated, but if we run into a situation where it has be to removed and reinstalled, the contractor will have quantities/money for silt fence to be installed.
12. Are we going to have to allow access to the building contractor while constructing the road, or is there going to be an adjacent entrance?
Yes, this will be detailed in the addendum on Monday, access to the site will need to coordinated for the work currently involved with the building currently being constructed.

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13. What does the grading and shaping pay item consist of? It seems like we are figuring on performing it twice according to the quantities.
From the Mass-grading plan to the final design of the roadway, there we some minor adjustments to the sub-grade elevations (+/-2") particularly at the high-points & low points. We included this line item to account for any fine grading the selected contractor has to do to construct the roadway. The SQ YD unit of measurement was acceptable to IDOT.
14. If we were to use a vibrating screed to pour the pavement, will a hand vibrator be necessary?
Means and methods need to comply with IDOT & Plan specification
15. Are all of the stockpiles along the South side of the road going to be moved before pipe work commences?
The removal of any stockpiles will be removed by others prior to any underground work within the limits of this contract.
16. Should we figure on removing the temporary pipe under Innovation Rd to install the elliptical pipe the plans call out.
Yes, as incidental to the Elliptical Culvert Construction, this will be detailed in the addendum on Monday.
17. Can the curb be poured monolithic with the pavement?
The curb & the pavement was not proposed to be poured monolithically; Type B-6.12 was specified, see standard IDOT detail 606011-05.
18. Can concrete trucks travel the subbase while paving?
Provided the subgrade and subbase pass the required compaction and proof roll tests, we have no objections to using the sub-base while paving with the caveat that if the base becomes unstable or disturbed, it will need to be repaired/remedied prior to paving.
19. Can you provide cut fill quantities on the cross sections so we can run average end area calcs and get a better idea of the dirt quantities or provide the cad drawings?
This is not available. The excavation quantity is an estimate, as the entire ROW was previously stripped of all topsoil, and graded to the approximate subgrade of the road by the current construction on-going in the area. There is excavation for ditches along road the East and north of the road, and there are some adjustments to the subgrade from the previously mass graded sections. This excavation can be used as fill in the parkway along with the sewer spoils.

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Schedule of Prices

Route Innovation Rd.
 County Champaign
 Local Agency Village of Rantoul
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(For complete information covering these items, see plans and specifications)

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PAY ITEM CODE	PAY ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL
20200100	EARTH EXCAVATION	CU YD	4000		
20800150	TRENCH BACKFILL	CU YD	615		
21101625	TOPSOIL FURNISH AND PLACE, 6"	SQ YD	15286		
25000100	SEEDING, CLASS 1	ACRE	3.14		
25100630	EROSION CONTROL BLANKET	SQ YD	15286		
2800250	TEMPORARY EROSION CONTROL SEEDING	POUND	280		
28000400	PERIMETER EROSION BARRIER	FOOT	6268		
28000510	INLET FILTERS	EACH	33		
28100125	STONE RIPRAP, CLASS B3	SQ YD	80		
30103000	SHAPING AND GRADING ROADWAY	SQ YD	25600		
30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	2000		
35101600	AGGREGATE BASE COURSE, TYPE B 4"	SQ YD	1331		
35101800	AGGREGATE BASE COURSE, TYPE B 6"	SQ YD	13710		
42000301	PORTLAND CEMENT CONCRETE PAVEMENT 8" (JOINTED)	SQ YD	12087		
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	11979		
42400800	DETECTABLE WARNINGS	SQ FT	42		
48101600	AGGREGATE SHOULDERS, TYPE B 8"	SQ YD	409		
542C5485	PIPE CULVERTS, CLASS C, TYPE 1 EQUIVALENT ROUND-SIZE 30"	FOOT	237		
54214515	PRECAST REINFORCED CONCRETE FLARED END SECTIONS, EQUIVALENT ROUND-SIZE 30"	EACH	6		
54248150	GRATING FOR CONCRETE FLARED END SECTION EQUIVALENT ROUND-SIZE 30"	EACH	6		



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550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	583		
550A0090	STORM SEWERS, CLASS A, TYPE 1 18"	FOOT	80		
550A0120	STORM SEWERS, CLASS A, TYPE 1 24"	FOOT	35		
550A0160	STORM SEWERS, CLASS A, TYPE 1 36"	FOOT	2683		
550A2400	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 36"	FOOT	20		
60100905	PIPE DRAINS 4"	FOOT	175		
60100925	PIPE DRAINS 8"	FOOT	15		
60100935	PIPE DRAINS 10"	FOOT	10		
60201105	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11 FRAME AND GRATE	EACH	11		
60204505	CATCH BASINS, TYPE A, 5'-DIAMETER, TYPE 8 GRATE	EACH	1		
60204805	CATCH BASINS, TYPE A, 5'-DIAMETER, TYPE 11 FRAME AND GRATE	EACH	2		
60221100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	11		
60224443	MANHOLES, TYPE A, 7'-DIAMETER, TYPE 11 FRAME AND GRATE	EACH	1		
60224446	MANHOLES, TYPE A, 7'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	2		
60236200	INLETS, TYPE A, TYPE 8 GRATE	EACH	5		
60236800	INLETS, TYPE A, TYPE 11 FRAME AND GRATE	EACH	13		
60604000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (DOWELLED)	FOOT	5662		
67100100	MOBILIZATION	L.SUM	1		
72000100	SIGN PANEL - TYPE 1	SQ FT	6.25		
72900200	METAL POST - TYPE B	FOOT	11		
78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	198		



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78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	1254		
78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	14		
Z0013798	CONSTRUCTION LAYOUT	L SUM	1		
X7010216	TRAFFIC CONTROL AND PROTECTION, SPECIAL	L SUM	1		
BIDDER'S PROPOSAL FOR MAKING ENTIRE IMPROVEMENTS					

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I acknowledge the receipt of Addendum #1 for the above referenced project:

Signed: _____

Name of Company

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