

**Beechwood Drainage Project**

The City of Westfield Public Works Department is requesting that the Board of Public Works and Safety consider the following bids for consideration and make a recommendation for award.

This project consists of improving existing drainage within a subdivision that was initially constructed in the early 1970's. The improvements will consist of installing storm sewer piping, improving swales, and installing subsurface drains for sump pumps. This project will be funded out of the City of Westfield's Stormwater Fund.

The City of Westfield Public Works Department had four (4) responsive bidders for the Beechwood Drainage Project. Below are the results of the Beechwood Drainage Project bid which were opened on April 27, 2012.

**BID EVALUATION  
BEECHWOOD NEIGHBORHOOD DRAINAGE IMPROVEMENTS PROJECT**

Bidder	Bid Price			Bid Form and Addenda Acknowledgement	Bid Security	Wage Rates Form	Form 96 w/ Non-Collusion Affidavit Completed	Comments
	Base Bid	Alternate Bid	Total					
Harvey Construction	\$506,521.00	N/A	\$506,521.00	Yes	Yes	Yes	Yes	
3D Company Inc.	\$444,600.00	N/A	\$444,600.00	Yes	Yes	Yes	Yes	
Merryman Excavation	\$742,262.00	N/A	\$742,262.00	Yes	Yes	Yes	Yes	Computation Error - Item B11
United Infrastructure, LLC	\$623,586.00	N/A	\$623,586.00	Yes	Yes	Yes	Yes	
Engineer's Estimate VS Engineering, Inc.	\$560,213.00	N/A	\$560,213.00					

All Bids have been reviewed by VS Engineering and the Public Works Engineering Division. The successful bidder for this project is 3D Company Inc. at a price of \$444,600.

Therefore, the Westfield Public Works Department Recommends to the Board of Public Works Department to authorize the Public Works Director to execute the agreement for Contractual Services with 3D Company Inc. for the Construction of the Beechwood Drainage Project.



# **VS ENGINEERING, INC.**

Civil • Structural • Transportation • Environmental

May 1, 2012

Mr. Harry Nikides  
City of Westfield  
Department of Public Works  
2706 E. 171<sup>st</sup> Street  
Westfield, IN 46074

Re: Beechwood Neighborhood Drainage Improvements  
Bid Tabulation and Evaluation

Dear Mr. Nikides,

Enclosed herewith is one (1) copy of the Bid Tabulation and Bid Evaluation for the Beechwood Neighborhood Drainage Improvements Project. Based upon our reviews of bids received, 3D Company, Inc. submitted all necessary forms and was the apparent low bidder at \$444,600.00. It should be noted that Merryman Excavation had an error in their unit price computations. These items have been noted on the enclosed Bid Tabulation and Bid Evaluation.

Upon signature of the Agreement between the Owner and Contractor a pre-construction meeting between the Owner, Contractor, Engineer and Utilities needs to be scheduled. Per the Contract Documents, the Pre-Construction meeting is scheduled and run by the resident project representative appointed by the Owner. Should you require any additional services for construction administration, outside of our current contract, please let me know.

If you have any questions or desire further information regarding our bid tabulation, evaluation and review or the pre-construction meeting, please contact me at (317) 293-3542 Ext. 137 at your convenience.

Sincerely,

Nicholas R. Jahn, PE  
Project Engineer

Enclosure

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United Infrastructure, LLC	\$623,586.00	N/A	\$623,586.00	Yes	Yes	Yes	Yes	
<b>Engineer's Estimate VS Engineering, Inc.</b>	<b>\$560,213.00</b>	<b>N/A</b>	<b>\$560,213.00</b>					

**BID TABULATION**  
**BEECHWOOD NEIGHBORHOOD DRAINAGE IMPROVEMENTS PROJECT - BASE BID**

ITEM #	DESCRIPTION	ESTIMATED QUANTITY	UNIT	ENGINEER'S ESTIMATE		HARVEY CONSTRUCTION		3D COMPANY, INC.		MERRYMAN EXCAVATION		UNITED INFRASTRUCTURE, LLC	
				UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE
B1	Clearing and Grubbing	1.0	LS	\$30,000.00	\$30,000.00	\$8,900.00	\$8,900.00	\$19,492.00	\$19,492.00	\$32,300.00	\$32,300.00	\$17,200.00	\$17,200.00
B2	Remove, Pavement	1,675.0	SYD	\$10.00	\$16,750.00	\$4.00	\$6,700.00	\$8.41	\$14,086.75	\$9.00	\$15,075.00	\$12.50	\$20,937.50
B3	Remove, Storm Pipe	32.0	EA	\$600.00	\$19,200.00	\$400.00	\$12,800.00	\$22.42	\$717.44	\$359.00	\$11,488.00	\$250.00	\$8,000.00
	HMA, Type "A"		TONS										
B4	Surface	93.0		\$120.00	\$11,160.00	\$165.00	\$15,345.00	\$305.55	\$28,416.15	\$134.00	\$12,462.00	\$150.00	\$13,950.00
B5	Intermediate	211.0		\$90.00	\$18,990.00	\$158.00	\$33,338.00	\$157.50	\$33,232.50	\$169.00	\$35,659.00	\$150.00	\$31,650.00
B6	Base	67.0		\$90.00	\$6,030.00	\$152.00	\$10,184.00	\$54.60	\$3,658.20	\$149.00	\$9,983.00	\$150.00	\$10,050.00
	PCC		SYS										
B7	Drive, 6"	314.0		\$70.00	\$21,980.00	\$50.00	\$15,700.00	\$54.60	\$17,144.40	\$69.00	\$21,666.00	\$50.00	\$15,700.00
B8	Aggregate, Compacted, #53	485.0	TONS	\$35.00	\$16,975.00	\$20.00	\$9,700.00	\$26.22	\$12,716.70	\$31.00	\$15,035.00	\$31.00	\$15,035.00
B9	Linear Swale Grading	5,500.0	LFT	\$8.00	\$44,000.00	\$19.00	\$104,500.00	\$11.27	\$61,985.00	\$25.00	\$137,500.00	\$33.25	\$182,875.00
	Storm Sewer, Granular, Complete in Place		LFT										
B10	12" CMP, Circular, 10 GA, 0-2 Ft Cover	268.0		\$65.00	\$17,420.00	\$48.00	\$12,864.00	\$28.17	\$7,549.56	\$54.00	\$14,472.00	\$30.00	\$8,040.00
B11	12" CMP, Circular, 14 GA, 0-2 Ft Cover	932.0		\$60.00	\$55,920.00	\$48.00	\$44,736.00	\$27.03	\$25,191.96	\$33.00	\$32,620.00	\$27.00	\$25,164.00
	Storm Sewer, Flowable Fill, Complete in Place		LFT										
B12	12" CMP, Circular, 10 GA, 0-2 Ft Cover	84.0		\$75.00	\$6,300.00	\$110.00	\$9,240.00	\$34.03	\$2,858.52	\$71.00	\$5,964.00	\$51.00	\$4,284.00
B13	12" CMP, Circular, 14 GA, 0-2 Ft Cover	84.0		\$70.00	\$5,880.00	\$110.00	\$9,240.00	\$34.03	\$2,858.52	\$60.00	\$5,040.00	\$48.00	\$4,032.00
B14	18" RCP, Circular, CL III, 0-2 Ft Cover	40.0		\$95.00	\$3,800.00	\$120.00	\$4,800.00	\$54.44	\$2,177.60	\$107.00	\$4,280.00	\$75.00	\$3,000.00
	Subsurface Drain, Complete in Place		LFT										
B15	6" Perforated, Smooth Bore, Double Wall	6,404.0		\$20.00	\$128,080.00	\$12.00	\$76,848.00	\$11.80	\$75,567.20	\$27.00	\$172,908.00	\$16.60	\$106,306.40
B16	6" Non-Perforated, Smooth Bore, Double Wall	204.0		\$20.00	\$4,080.00	\$12.00	\$2,448.00	\$17.22	\$3,512.88	\$38.00	\$7,752.00	\$16.60	\$3,386.40
B17	8" Perforated, Smooth Bore, Double Wall	819.0		\$25.00	\$20,475.00	\$19.00	\$15,561.00	\$17.22	\$14,103.18	\$30.00	\$24,570.00	\$21.00	\$17,199.00
B18	8" Non-Perforated, Smooth Bore, Double Wall	46.0		\$25.00	\$1,150.00	\$19.00	\$874.00	\$13.87	\$638.02	\$55.00	\$2,530.00	\$21.00	\$966.00
B19	Subsurface Drain Lateral, 4", Complete in Place	39.0	EA	\$250.00	\$9,750.00	\$200.00	\$7,800.00	\$234.44	\$9,143.16	\$606.00	\$23,634.00	\$100.00	\$3,900.00
	Storm Structure, Granular Fill, Complete in Place		EA										
B20	Subsurface Drain Cleanout	47.0		\$200.00	\$9,400.00	\$300.00	\$14,100.00	\$223.64	\$10,511.08	\$829.00	\$38,963.00	\$450.00	\$21,150.00
B21	Yard Drain	8.0		\$750.00	\$6,000.00	\$500.00	\$4,000.00	\$798.49	\$6,387.92	\$739.00	\$5,912.00	\$800.00	\$6,400.00
B22	Type 1	1.0		\$1,750.00	\$1,750.00	\$900.00	\$900.00	\$1,848.05	\$1,848.05	\$1,975.00	\$1,975.00	\$800.00	\$800.00
	Riprap												
B23	Revetment	3.0	TON	\$50.00	\$150.00	\$65.00	\$195.00	\$257.73	\$773.19	\$251.00	\$753.00	\$150.00	\$450.00
B24	Existing Casting, Adjust to Grade	4.0	EA	\$750.00	\$3,000.00	\$275.00	\$1,100.00	\$483.70	\$1,934.80	\$637.00	\$2,548.00	\$750.00	\$3,000.00
B25	Erosion Control Blanket	2,500.0	SYS	\$3.50	\$8,750.00	\$3.00	\$7,500.00	\$1.87	\$4,675.00	\$6.00	\$15,000.00	\$2.50	\$6,250.00

**BID TABULATION  
BEECHWOOD NEIGHBORHOOD DRAINAGE IMPROVEMENTS PROJECT - BASE BID**

B26	Temporary Inlet Protection	11.0	EA	\$150.00	\$1,650.00	\$175.00	\$1,925.00	\$159.50	\$1,754.50	\$100.00	\$1,100.00	\$85.00	\$935.00
B27	Temporary Pipe Protection	36.0	EA	\$100.00	\$3,600.00	\$200.00	\$7,200.00	\$211.20	\$7,603.20	\$143.00	\$5,148.00	\$100.00	\$3,600.00
B28	Concrete Washout Area w/ Sign	1.0	EA	\$2,000.00	\$2,000.00	\$2,500.00	\$2,500.00	\$1,952.50	\$1,952.50	\$411.00	\$411.00	\$2,000.00	\$2,000.00
B29	Hydroseeding	8,400.0	SYS	\$2.50	\$21,000.00	\$1.00	\$8,400.00	\$0.79	\$6,636.00	\$1.00	\$8,400.00	\$1.50	\$12,600.00
B30	Sanitary Service Lateral, Adjust (Undistributed)	25.0	EA	\$500.00	\$12,500.00	\$750.00	\$18,750.00	\$332.80	\$8,320.00	\$1,000.00	\$25,000.00	\$1,500.00	\$37,500.00
B31	CCTV Subsurface Drain	7,473.0	LFT	\$1.00	\$7,473.00	\$1.00	\$7,473.00	\$0.94	\$7,024.62	\$3.00	\$22,419.00	\$0.90	\$6,725.70
B32	Maintenance of Traffic	1.0	LS	\$15,000.00	\$15,000.00	\$10,500.00	\$10,500.00	\$17,781.60	\$17,781.60	\$6,615.00	\$6,615.00	\$7,500.00	\$7,500.00
B33	Construction Engineering	1.0	LS	\$10,000.00	\$10,000.00	\$9,400.00	\$9,400.00	\$7,115.20	\$7,115.20	\$8,890.00	\$8,890.00	\$8,000.00	\$8,000.00
B34	Mobilization and Demobilizati	1.0	LS	\$20,000.00	\$20,000.00	\$11,000.00	\$11,000.00	\$25,232.60	\$25,232.60	\$14,190.00	\$14,190.00	\$15,000.00	\$15,000.00
<b>TOTAL OF BASE BID</b>					<b>\$560,213.00</b>	<b>\$506,521.00</b>	<b>\$444,600.00</b>	<b>\$742,262.00</b>	<b>\$623,586.00</b>				