

Pennsylvania Department of Transportation
Bureau of Maintenance and Operations
400 North Street
Harrisburg, PA 17120
717.787.6899

October 11, 2013

Ms. Renee Sigel
Division Administrator
Federal Highway Administration
228 Walnut Street, #558
Harrisburg, PA 17120

RE: Initial Report- City of Johnstown
Special Experimental Project No. 14 (SEP-14)
FHWA/I-IUD Jointly Funded Project
ECMS Project # 92442

Dear Ms. Sigel:

The work plan for the above referenced project was approved February 8, 2013. The work plan identified that an initial report would be prepared to include industry reaction to the mix of funding sources, any identifiable effects on the bid prices received, and a copy of the bid tabs. Enclosed for your review is the initial report.

If you have any questions please contact Becki Mescher-Vuxta, Manager, Contract Awards, at rmeschervu@pa.gov or 783-9680.

Sincerely,

George McAuley, P.E.
Acting Director
Bureau of Project Delivery
Enclosure

**Pennsylvania Department of Transportation
Initial Report Special Experimental Project No. 14 (SEP-14) HUD/FHWA Jointly
Funded Project
City of Johnstown, Project Number 92442**

PennDOT Central Office evaluated Project 92442 for the Main Street Improvements in Johnstown, Cambria County. This project was let on two dates, September 27, 2012, without HUD funds where all bids were rejected and again on March 14, 2013 with HUD funds. This project was originally bid with just PCTI funds and all the bids were rejected as the available PCTI funds were insufficient. For the rebid, the scope of the project was reduced by eliminating the tree removal to accommodate available PCTI and HUD funding.

The work plan measures are as follows:

1) *The Department will evaluate the effects of HUD 's economic opportunity requirements on competitive bidding by comparing the number of bidders for each let.* There were three bidders for each let with the same prime contractors bidding both times. However, the low bidder was not the same for each let. The attached bid results for both letting shows that the bids were very competitive for each letting.

2) *The Department will compare the bid amounts of each let.* The September 27, 2012 let had a low bid of \$1,358,419.23 and the March 14, 2013 let had a low bid of \$1,213,842.59, for a difference of \$144,576.64. All 149 bid items were reviewed for a comparison between the two lets and the results being both low bids were very close, indicating that the inclusion of HUD funding did not impact the bid costs. The only significant difference in the bid prices reflected the scope reduction. A copy of the bid tabs is attached.

3) *To the extent that bid information is available, PennDOT will evaluate the differences in bid prices or total bids with similar projects that do not have the local hiring preferences and explain any potential differences.* Twenty-seven projects were identified in PennDOT's electronic bidding and project management system "Engineering and Construction Management System (ECMS)" from the past five years in Cambria County. Of those, two projects had similar type work. Bid prices of the projects with a similar type of work were compared to Project 92442 and there were no apparent differences that were evident because of the HUD funding requirements.

4) *The Department will analyze the anticipated cost savings by avoiding the duplication of payment for inspection as well as avoiding any potential economic impacts to the area because of the construction duration of one project versus two.* This will be analyzed and reported upon project completion.

5) *The Department will monitor the employment preference in accordance with HUD 's Section 3 requirements.* This will be analyzed and reported upon project completion.

6) *The Department will provide an opinion from both the prime contractor and the contracting agency's representative on whether the hiring preference resulted in any additional costs or delays at the end of the project.* After the contract was awarded, a conversation with the prime

contractor revealed that he did not factor any additional costs into his bid based on the HUD Section 3 hiring preference. The prime contractor has indicated they will be using nine sub-contractors for this project, which have all been prequalified and approved by PennDOT. An opinion from both the prime and the City will be provided in the final report.

The above findings show there was no apparent difference between this project being let with just PCTI funding compared with the adding of HUD funding.

Pennsylvania Department of Transportation ***ECMS***

BID RESULTS

Records 1 to 6 of 6

Let Date	Project	Award Date	Rank	Bidders	Bid Total	Contract Amount	Bid Status	Project Type	Dist	County	Group/SR/Section
03/14/2013	92442	04/15/2013	1	HRI, Inc.	\$1,213,842.59	\$1,213,842.59	Verified	Municipal	09	Cambria	-/56/031
			2	Gulisek Construction LLC	\$1,276,519.21	\$1,276,519.21					
			3	S. E. T., Inc.	\$1,284,329.70	\$1,284,329.70					
09/27/2012	92442	04/15/2013	R	Gulisek Construction LLC	\$1,358,419.23	\$1,358,419.23	Rejected Funding Issue	Municipal	09	Cambria	-/56/031
			R	S. E. T., Inc.	\$1,394,173.55	\$1,394,173.55	Rejected				
			R	HRI, Inc.	\$1,457,886.71	\$1,457,886.71	Rejected				

Pennsylvania Department of Transportation **ECMS**

BID TABS

Project: 92442	Municipal / PENNDOT Oversight Non-NHS	Construction
Short Description:	Jtown Main St Imprvmnts	Org Code: 0900
County:	Cambria	Section: 031
District:	09	Municipality: JOHNSTOWN
	SR: 56 Group ID: ---	

Let: 03/14/2013 FPN: T093-031-L24E	Awarded: 04/15/2013
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Low Bidders

Rank	Business Partner	BP ID	Bid Amount
1	HRI, Inc.	001239	\$1,213,842.59
2	Gulisek Construction LLC	004853	\$1,276,519.21
3	S. E. T., Inc.	001393	\$1,284,329.70

Bid Items

ALT	Item	Unit of Measure	Low Bidder Quantity/ Unit Price/ Item Total	2nd Bidder Quantity/ Unit Price/ Item Total	3rd Bidder Quantity/ Unit Price/ Item Total
	0201-0001 CLEARING AND GRUBBING	Lump Sum	1.000	1.000	1.000
			\$1000.0000	\$8600.0000	\$12446.2900
			\$1,000.00	\$8,600.00	\$12,446.29
	0203-0001 CLASS 1 EXCAVATION	Cubic Yard	813.000	813.000	813.000
			\$47.0000	\$30.0000	\$36.5800
			\$38,211.00	\$24,390.00	\$29,739.54
	0203-0004 CLASS 1B EXCAVATION	Cubic Yard	839.000	839.000	839.000
			\$50.0000	\$40.0000	\$47.7000
			\$41,950.00	\$33,560.00	\$40,020.30
	0204-0001 CLASS 2 EXCAVATION	Cubic Yard	20.000	20.000	20.000
			\$225.0000	\$76.0000	\$34.1100
			\$4,500.00	\$1,520.00	\$682.20
	0204-0150 CLASS 4 EXCAVATION	Cubic Yard	170.000	170.000	170.000
			\$34.0000	\$40.0000	\$31.9100
			\$5,780.00	\$6,800.00	\$5,424.70
	0212-0001 GEOTEXTILE, CLASS 1	Linear Foot	39.000	39.000	39.000
			\$8.5000	\$3.0000	\$3.3300
			\$331.50	\$117.00	\$129.87
	0212-0014 GEOTEXTILE, CLASS 4, TYPE A	Square Yard	1191.000	1191.000	1191.000
			\$2.9000	\$3.0000	\$3.3500
			\$3,453.90	\$3,573.00	\$3,989.85
	0213-0002 TEMPORARY PROJECT AIR POLLUTION CONTROL	Dollar	1000.000	1000.000	1000.000
			\$1.0000	\$1.0000	\$1.0000
			\$1,000.00	\$1,000.00	\$1,000.00
	0220-0020 FLOWABLE BACKFILL, TYPE C	Cubic Yard	8.000	8.000	8.000
			\$380.0000	\$710.0000	\$187.0600
			\$3,040.00	\$5,680.00	\$1,496.48
E	0309-0422 SUPERPAVE ASPHALT MIXTURE DESIGN, HMA BASE COURSE, PG 64-22,	Square Yard	1179.000	1179.000	1179.000
			\$21.0000	\$22.2000	\$26.6400

ALT	Item	Unit of Measure	Low Bidder Quantity/ Unit Price/ Item Total	2nd Bidder Quantity/ Unit Price/ Item Total	3rd Bidder Quantity/ Unit Price/ Item Total
	0.3 TO < 3 MILLION ESALS, 25.0 MM MIX, 4" DEPTH		\$24,759.00	\$26,173.80	\$31,408.56
O	9311-0422	Square Yard	0.000	0.000	0.000
	WARM MIX ASPHALT, (WMA) BASE COURSE, PG 64-22, 0.3 TO < 3 MILLION ESALS, 25.0 MM MIX, 4" DEPTH		\$0.000	\$0.000	\$0.000
			\$0.00	\$0.00	\$0.00
E	0309-0426	Square Yard	787.000	787.000	787.000
	SUPERPAVE ASPHALT MIXTURE DESIGN, HMA BASE COURSE, PG 64-22, 0.3 TO < 3 MILLION ESALS, 25.0 MM MIX, 6" DEPTH		\$31.5000	\$32.0000	\$38.4000
			\$24,790.50	\$25,184.00	\$30,220.80
O	9311-0426	Square Yard	0.000	0.000	0.000
	WARM MIX ASPHALT, (WMA) BASE COURSE, PG 64-22, 0.3 TO < 3 MILLION ESALS, 25.0 MM MIX, 6" DEPTH		\$0.0000	\$0.0000	\$0.0000
			\$0.00	\$0.00	\$0.00
E	0309-0537	Ton	216.000	216.000	216.000
	SUPERPAVE ASPHALT MIXTURE DESIGN, HMA BASE COURSE, PG 64-22, 3 TO < 10 MILLION ESALS, 25.0 MM MIX		\$135.0000	\$100.0000	\$120.0000
			\$29,160.00	\$21,600.00	\$25,920.00
O	9311-0537	Ton	0.000	0.000	0.000
	WARM MIX ASPHALT, (WMA) BASE COURSE, PG 64-22, 3 TO < 10 MILLION ESALS, 25.0 MM MIX		\$0.0000	\$0.0000	\$0.0000
			\$0.00	\$0.00	\$0.00
	0350-0106	Square Yard	1985.000	1985.000	1985.000
	SUBBASE 6" DEPTH (NO. 2A)		\$10.2000	\$16.0000	\$12.4300
			\$20,247.00	\$31,760.00	\$24,673.55
	0350-0108	Square Yard	337.000	337.000	337.000
	SUBBASE 8" DEPTH (NO. 2A)		\$26.0000	\$23.0000	\$21.9800
			\$8,762.00	\$7,751.00	\$7,407.26
	0350-0120	Cubic Yard	399.000	399.000	399.000
	SUBBASE (NO. 2A)		\$79.0000	\$67.0000	\$67.9900
			\$31,521.00	\$26,733.00	\$27,128.01
E	0409-0483	Square Yard	2720.000	2720.000	2720.000
	SUPERPAVE ASPHALT MIXTURE DESIGN, E HMA WEARING COURSE, PG 64-22, 0.3 TO < 3 MILLION ESALS, 9.5 MM MIX, 1 1/2" DEPTH, SRL-G		\$10.8000	\$9.0000	\$10.8000
			\$29,376.00	\$24,480.00	\$29,376.00
O	9411-0483	Square Yard	0.000	0.000	0.000
	WARM MIX ASPHALT, (WMA) WEARING COURSE, PG 64-22, 0.3 TO < 3 MILLION ESALS, 9.5 MM MIX, SRL-G		\$0.0000	\$0.0000	\$0.0000
			\$0.00	\$0.00	\$0.00
E	0409-0582	Square Yard	3569.000	0.000	3569.000
	SUPERPAVE ASPHALT MIXTURE DESIGN, E HMA WEARING COURSE, PG 64-22, 3 TO < 10 MILLION ESALS, 9.5 MM MIX, 1 1/2" DEPTH, SRL-H		\$10.8000	\$0.0000	\$10.8000
			\$38,545.20	\$0.00	\$38,545.20
O	9411-0582	Square Yard	0.000	3569.000	0.000
	WARM MIX ASPHALT, (WMA) WEARING COURSE, PG 64-22, 3 TO < 10 MILLION ESALS, 9.5 MM MIX, 1 1/2" DEPTH, SRL-H		\$0.0000	\$9.0000	\$0.0000
			\$0.00	\$32,121.00	\$0.00
E	0409-1495	Ton	53.000	53.000	53.000
	SUPERPAVE ASPHALT MIXTURE DESIGN, E HMA WEARING COURSE (LEVELING), PG 64-22, 0.3 TO < 3 MILLION ESALS, 9.5 MM MIX, SRL-L		\$110.0000	\$100.0000	\$120.0000
			\$5,830.00	\$5,300.00	\$6,360.00
O	9411-1495	Ton	0.000	0.000	0.000
	WARM MIX ASPHALT, (WMA) WEARING COURSE (LEVELING), PG 64-22, 0.3 TO < 3 MILLION ESALS, 9.5 MM MIX, SRL-L		\$0.0000	\$0.0000	\$0.0000
			\$0.00	\$0.00	\$0.00
E	0409-1595	Ton	214.000	214.000	214.000
	SUPERPAVE ASPHALT MIXTURE DESIGN, E HMA WEARING COURSE (LEVELING),		\$110.0000	\$95.0000	\$114.0000

ALT	Item	Unit of Measure	Low Bidder Quantity/ Unit Price/ Item Total	2nd Bidder Quantity/ Unit Price/ Item Total	3rd Bidder Quantity/ Unit Price/ Item Total
	PG 64-22, 3 TO < 10 MILLION ESALS, 9.5 MM MIX, SRL-L		\$23,540.00	\$20,330.00	\$24,396.00
O	9411-1595	Ton	0.000	0.000	0.000
	WARM MIX ASPHALT, (WMA) WEARING COURSE (LEVELING), PG 64-22, 3 TO < 10 MILLION ESALS, 9.5 MM MIX, SRL-L		\$0.000	\$0.000	\$0.000
			\$0.00	\$0.00	\$0.00
E	0409-6450	Square Yard	787.000	787.000	787.000
	SUPERPAVE ASPHALT MIXTURE DESIGN, HMA BINDER COURSE, PG 64-22, 0.3 TO < 3 MILLION ESALS, 19.0 MM MIX, 2 1/2" DEPTH		\$15.2000	\$14.0000	\$16.8000
			\$11,962.40	\$11,018.00	\$13,221.60
O	9411-6450	Square Yard	0.000	0.000	0.000
	WARM MIX ASPHALT, (WMA) BINDER COURSE, PG 64-22, 0.3 TO < 3 MILLION ESALS, 19.0 MM MIX, 2 1/2" DEPTH		\$0.0000	\$0.0000	\$0.0000
			\$0.00	\$0.00	\$0.00
E	0409-6570	Ton	123.000	123.000	123.000
	SUPERPAVE ASPHALT MIXTURE DESIGN, HMA BINDER COURSE, PG 64-22, 3 TO < 10 MILLION ESALS, 19.0 MM MIX		\$150.0000	\$100.0000	\$120.0000
			\$18,450.00	\$12,300.00	\$14,760.00
O	9411-6570	Ton	0.000	0.000	0.000
	WARM MIX ASPHALT, (WMA) BINDER COURSE, PG 64-22, 3 TO < 10 MILLION ESALS, 19.0 MM MIX		\$0.0000	\$0.0000	\$0.0000
			\$0.00	\$0.00	\$0.00
	0460-0001	Square Yard	10098.000	10098.000	10098.000
	BITUMINOUS TACK COAT		\$0.0800	\$0.2500	\$0.3000
			\$807.84	\$2,524.50	\$3,029.40
	0491-0014	Square Yard	1843.000	1843.000	1843.000
	MILLING OF BITUMINOUS PAVEMENT SURFACE, 2 1/2" DEPTH, MILLED MATERIAL RETAINED BY CONTRACTOR		\$4.8000	\$5.0000	\$6.0000
			\$8,846.40	\$9,215.00	\$11,058.00
	0491-0019	Square Yard	908.000	908.000	908.000
	MILLING OF BITUMINOUS PAVEMENT SURFACE, VARIABLE DEPTH, MILLED MATERIAL RETAINED BY CONTRACTOR		\$4.8000	\$5.0000	\$6.0000
			\$4,358.40	\$4,540.00	\$5,448.00
	0501-0030	Square Yard	19.000	19.000	19.000
	PLAIN CEMENT CONCRETE PAVEMENT, 9" DEPTH		\$210.0000	\$268.0000	\$89.2100
			\$3,990.00	\$5,092.00	\$1,694.99
	0515-0001	Linear Foot	779.000	779.000	779.000
	SAWING AND SEALING OF BITUMINOUS OVERLAYS		\$3.8000	\$5.0000	\$2.7200
			\$2,960.20	\$3,895.00	\$2,118.88
	0591-0001	Square Yard	1726.000	1726.000	1726.000
	MILLING OF CEMENT CONCRETE PAVEMENT SURFACE		\$13.5000	\$8.1000	\$9.7200
			\$23,301.00	\$13,980.60	\$16,776.72
	0601-7014	Linear Foot	15.000	15.000	15.000
	18" REINFORCED CONCRETE PIPE, TYPE A, 15' - 2' FILL, 100 YEAR DESIGN LIFE		\$160.0000	\$252.0000	\$82.6800
			\$2,400.00	\$3,780.00	\$1,240.20
E	0601-7014	Linear Foot	56.000	56.000	56.000
	18" REINFORCED CONCRETE PIPE, TYPE A, 15' - 2' FILL, 100 YEAR DESIGN LIFE		\$160.0000	\$252.0000	\$82.6800
			\$8,960.00	\$14,112.00	\$4,630.08
O	0601-0773	Linear Foot	0.000	0.000	0.000
	18" DUCTILE IRON PIPE, 100 YEAR DESIGN LIFE		\$0.0000	\$0.0000	\$0.0000
			\$0.00	\$0.00	\$0.00
E	0601-7308	Linear Foot	15.000	15.000	0.000
	15" REINFORCED CONCRETE PIPE, TYPE B, 20' - 1.5' FILL		\$125.0000	\$176.0000	\$0.0000
			\$1,875.00	\$2,640.00	\$0.00
O	0601-0312	Linear Foot	0.000	0.000	15.000
	5" THERMOPLASTIC PIPE, GROUP I, 15'-		\$0.0000	\$0.0000	\$66.6800

ALT	Item	Unit of Measure	Low Bidder Quantity/ Unit Price/ Item Total	2nd Bidder Quantity/ Unit Price/ Item Total	3rd Bidder Quantity/ Unit Price/ Item Total
	1.5' FILL		\$0.00	\$0.00	\$1,000.20
O	0601-7008	Linear Foot	0.000	0.000	0.000
	15" REINFORCED CONCRETE PIPE, TYPE A, 20' - 1.5' FILL		\$0.0000	\$0.0000	\$0.0000
			\$0.00	\$0.00	\$0.00
E	0601-7313	Linear Foot	151.000	0.000	0.000
	18" REINFORCED CONCRETE PIPE, TYPE B, 15' - 1.5' FILL		\$78.0000	\$0.0000	\$0.0000
			\$11,778.00	\$0.00	\$0.00
O	0601-0313	Linear Foot	0.000	0.000	151.000
	18" THERMOPLASTIC PIPE, GROUP I, 15'-1.5' FILL		\$0.0000	\$0.0000	\$73.6800
			\$0.00	\$0.00	\$11,125.68
O	0601-2823	Linear Foot	0.000	151.000	0.000
	18" CORRUGATED ALUMINUM ALLOY PIPE, TYPE I, (2 2/3" X 1/2" CORRUGATIONS), 16 GAGE		\$0.0000	\$145.0000	\$0.0000
			\$0.00	\$21,895.00	\$0.00
E	0604-7014	Linear Foot	13.000	13.000	13.000
	18" REINFORCED CONCRETE PIPE, TYPE A, (OPEN JOINT), 15' - 2' FILL, 100 YEAR DESIGN LIFE		\$140.0000	\$180.0000	\$71.7500
			\$1,820.00	\$2,340.00	\$932.75
O	0604-4014	Linear Foot	0.000	0.000	0.000
	18" PERFORATED REINFORCED CONCRETE PIPE, TYPE A, 15' - 2' FILL, 100 YEAR DESIGN LIFE		\$0.0000	\$0.0000	\$0.0000
			\$0.00	\$0.00	\$0.00
E	0604-7313	Linear Foot	30.000	0.000	0.000
	18" REINFORCED CONCRETE PIPE, TYPE B, (OPEN JOINT), 15' - 1.5' FILL		\$88.0000	\$0.0000	\$0.0000
			\$2,640.00	\$0.00	\$0.00
O	0604-0313	Linear Foot	0.000	0.000	30.000
	18" PERFORATED THERMOPLASTIC PIPE, GROUP IP, 15'-1.5' FILL		\$0.0000	\$0.0000	\$51.2200
			\$0.00	\$0.00	\$1,536.60
O	0604-2823	Linear Foot	0.000	30.000	0.000
	18" PERFORATED CORRUGATED ALUMINUM ALLOY PIPE, TYPE I, (2 2/3" X 1/2" CORRUGATIONS), 16 GAGE		\$0.0000	\$122.0000	\$0.0000
			\$0.00	\$3,660.00	\$0.00
	0605-2711	Set	10.000	10.000	10.000
	TYPE C CONCRETE TOP UNIT AND BICYCLE SAFE GRATE		\$1110.0000	\$1300.0000	\$1088.1400
			\$11,100.00	\$13,000.00	\$10,881.40
	0605-2731	Set	5.000	5.000	5.000
	TYPE M CONCRETE TOP UNIT AND BICYCLE SAFE GRATE		\$1050.0000	\$1300.0000	\$984.8700
			\$5,250.00	\$6,500.00	\$4,924.35
	0605-2850	Each	12.000	12.000	12.000
	STANDARD INLET BOX, HEIGHT < /= 10'		\$2300.0000	\$2700.0000	\$1778.5900
			\$27,600.00	\$32,400.00	\$21,343.08
	4605-2850	Each	2.000	2.000	2.000
	STANDARD INLET BOX, HEIGHT < /= 10' (MODIFIED)		\$2850.0000	\$2600.0000	\$1561.9800
			\$5,700.00	\$5,200.00	\$3,123.96
	0606-0050	Set	1.000	1.000	1.000
	GRADE ADJUSTMENT OF EXISTING INLETS		\$1000.0000	\$1800.0000	\$511.8600
			\$1,000.00	\$1,800.00	\$511.86
	0606-0150	Set	1.000	1.000	1.000
	GRADE ADJUSTMENT OF EXISTING MANHOLES		\$1000.0000	\$2500.0000	\$635.8600
			\$1,000.00	\$2,500.00	\$635.86
	0607-0013	Vertical Foot	4.000	4.000	4.000
	REBUILT INLET BOX		\$750.0000	\$1850.0000	\$902.3000
			\$3,000.00	\$7,400.00	\$3,609.20

ALT	Item	Unit of Measure	Low Bidder Quantity/ Unit Price/ Item Total	2nd Bidder Quantity/ Unit Price/ Item Total	3rd Bidder Quantity/ Unit Price/ Item Total
	0608-0001		1.000	1.000	1.000
	MOBILIZATION	Lump Sum	\$50000.0000	\$80500.0000	\$117001.7700
			\$50,000.00	\$80,500.00	\$117,001.77
	4610-7002		924.000	924.000	924.000
	6" PAVEMENT BASE DRAIN (MODIFIED)	Linear Foot	\$13.2000	\$14.6900	\$9.3900
			\$12,196.80	\$13,573.56	\$8,676.36
	0615-0022		19.000	19.000	19.000
	6" SUBSURFACE DRAIN OUTLETS	Linear Foot	\$50.0000	\$25.7000	\$20.1900
			\$950.00	\$488.30	\$383.61
	0619-0610		1.000	1.000	1.000
	PERMANENT IMPACT ATTENUATING DEVICE, TYPE V (STANDARD),	Each	\$13700.0000	\$14955.4000	\$13649.9400
	TEST LEVEL 3		\$13,700.00	\$14,955.40	\$13,649.94
	0623-0001		93.000	93.000	93.000
	CONCRETE MEDIAN BARRIER	Linear Foot	\$130.0000	\$77.0000	\$80.1000
			\$12,090.00	\$7,161.00	\$7,449.30
	0623-0052		48.000	48.000	48.000
	SINGLE FACE CONCRETE BARRIER	Linear Foot	\$82.0000	\$78.0000	\$94.0200
			\$3,936.00	\$3,744.00	\$4,512.96
	0630-0001		857.000	857.000	857.000
	PLAIN CEMENT CONCRETE CURB	Linear Foot	\$48.0000	\$57.0000	\$33.8600
			\$41,136.00	\$48,849.00	\$29,018.02
	4630-0001		27.000	27.000	27.000
	PLAIN CEMENT CONCRETE CURB (MODIFIED)	Linear Foot	\$54.0000	\$109.0000	\$317.2400
			\$1,458.00	\$2,943.00	\$8,565.48
	0630-0010		250.000	250.000	250.000
	PLAIN CEMENT CONCRETE CURB, INCLUDING REMOVAL OF EXISTING CURB	Linear Foot	\$70.0000	\$68.0000	\$45.0400
			\$17,500.00	\$17,000.00	\$11,260.00
	0633-0200		566.000	566.000	566.000
	PLAIN CONCRETE MOUNTABLE CURB, TYPE A	Linear Foot	\$22.0000	\$36.2900	\$26.4000
			\$12,452.00	\$20,540.14	\$14,942.40
	0660-0020		110.000	110.000	110.000
	CONCRETE SHOULDER RUMBLE STRIPS	Linear Foot	\$23.0000	\$22.7300	\$53.5900
			\$2,530.00	\$2,500.30	\$5,894.90
	4664-0100		131.000	131.000	131.000
	MODULAR ARCHITECTURAL BLOCK SYSTEM (MODIFIED)	Square Foot	\$57.0000	\$129.8400	\$30.1300
			\$7,467.00	\$17,009.04	\$3,947.03
	0676-0001		537.000	537.000	537.000
	CEMENT CONCRETE SIDEWALK	Square Yard	\$100.0000	\$150.0000	\$100.9600
			\$53,700.00	\$80,550.00	\$54,215.52
	0686-0020		1.000	1.000	1.000
	CONSTRUCTION SURVEYING, TYPE B	Lump Sum	\$32000.0000	\$6500.0000	\$17999.9200
			\$32,000.00	\$6,500.00	\$17,999.92
	0689-0002		1.000	1.000	1.000
	NETWORK SCHEDULE	Lump Sum	\$1000.0000	\$500.0000	\$1799.9900
			\$1,000.00	\$500.00	\$1,799.99
	0695-0004		306.000	306.000	306.000
	DETECTABLE WARNING SURFACE, POLYMER COMPOSITE	Square Foot	\$17.0000	\$33.0000	\$21.1900
			\$5,202.00	\$10,098.00	\$6,484.14
	0696-0610		1.000	1.000	1.000
	TEMPORARY IMPACT ATTENUATING DEVICE, TYPE V (STANDARD),	Each	\$4600.0000	\$4385.0000	\$5261.9800
	TEST LEVEL 3		\$4,600.00	\$4,385.00	\$5,261.98
	0697-0610		1.000	1.000	1.000
	RESET TEMPORARY IMPACT ATTENUATING DEVICE, TYPE V (STANDARD),	Each	\$1850.0000	\$1745.0000	\$2093.9900

ALT	Item	Unit of Measure	Low Bidder Quantity/ Unit Price/ Item Total	2nd Bidder Quantity/ Unit Price/ Item Total	3rd Bidder Quantity/ Unit Price/ Item Total
	TEST LEVEL 3		\$1,850.00	\$1,745.00	\$2,093.99
	0703-0025	Cubic Yard	26.000	26.000	26.000
	NO. 57 COARSE AGGREGATE		\$84.0000	\$58.0000	\$52.9900
			\$2,184.00	\$1,508.00	\$1,377.74
	0802-0001	Cubic Yard	89.000	89.000	89.000
	TOPSOIL FURNISHED AND PLACED		\$140.0000	\$73.0000	\$63.6900
			\$12,460.00	\$6,497.00	\$5,668.41
	4804-0011	Pound	31.000	31.000	31.000
	SEEDING AND SOIL SUPPLEMENTS - FORMULA B (MODIFIED)		\$58.0000	\$350.0000	\$42.0000
			\$1,798.00	\$10,850.00	\$1,302.00
	0845-0001	Dollar	1000.000	1000.000	1000.000
	UNFORESEEN WATER POLLUTION CONTROL		\$1.0000	\$1.0000	\$1.0000
			\$1,000.00	\$1,000.00	\$1,000.00
	0860-0000	Each	4.000	4.000	4.000
	INLET FILTER BAG FOR TYPE M INLET		\$250.0000	\$186.3900	\$157.9800
			\$1,000.00	\$745.56	\$631.92
	0860-0002	Each	10.000	10.000	10.000
	INLET FILTER BAG FOR TYPE C INLET		\$250.0000	\$205.6200	\$147.9900
			\$2,500.00	\$2,056.20	\$1,479.90
	0901-0001	Lump Sum	1.000	1.000	1.000
	MAINTENANCE AND PROTECTION OF TRAFFIC DURING CONSTRUCTION		\$32000.0000	\$51709.3200	\$72315.9800
			\$32,000.00	\$51,709.32	\$72,315.98
	0901-0203	Each	2.000	2.000	2.000
	ARROW PANEL		\$4000.0000	\$5750.0000	\$1817.8500
			\$8,000.00	\$11,500.00	\$3,635.70
	0901-0240	Square Foot	100.000	100.000	100.000
	ADDITIONAL TRAFFIC CONTROL SIGNS		\$7.5000	\$7.1000	\$8.4000
			\$750.00	\$710.00	\$840.00
	0901-0320	Linear Foot	5590.000	5590.000	5590.000
	4" STANDARD PAVEMENT MARKINGS, PAINT & BEADS, YELLOW		\$0.2500	\$0.5000	\$0.3000
			\$1,397.50	\$2,795.00	\$1,677.00
	0901-0330	Linear Foot	4618.000	4618.000	4618.000
	4" STANDARD PAVEMENT MARKINGS, PAINT & BEADS, WHITE		\$0.2500	\$0.5000	\$0.3000
			\$1,154.50	\$2,309.00	\$1,385.40
	0901-0334	Linear Foot	86.000	86.000	86.000
	24" STANDARD PAVEMENT MARKINGS, PAINT & BEADS, WHITE		\$6.6000	\$5.0000	\$7.8000
			\$567.60	\$430.00	\$670.80
	0910-0001	Each	2.000	2.000	2.000
	JUNCTION BOXES J.B.-1		\$2550.0000	\$1525.0000	\$1149.8900
			\$5,100.00	\$3,050.00	\$2,299.78
	0910-2828	Each	1.000	1.000	1.000
	250-WATT HIGH PRESSURE SODIUM LUMINAIRE, ARM MOUNT		\$450.0000	\$539.0000	\$807.1100
			\$450.00	\$539.00	\$807.11
	0910-4114	Linear Foot	556.000	556.000	556.000
	AWG 4 UNDERGROUND CABLE, COPPER, 1 CONDUCTOR		\$3.3000	\$2.2000	\$2.2400
			\$1,834.80	\$1,223.20	\$1,245.44
	0910-4116	Linear Foot	3174.000	3174.000	3174.000
	AWG 8 UNDERGROUND CABLE, COPPER, 1 CONDUCTOR		\$2.0000	\$1.6000	\$1.3500
			\$6,348.00	\$5,078.40	\$4,284.90
	0910-5055	Linear Foot	1128.000	1128.000	1128.000
	2" DIRECT BURIAL CONDUIT		\$2.1000	\$3.5000	\$3.6400
			\$2,368.80	\$3,948.00	\$4,105.92
	0910-5175	Linear Foot	25.000	25.000	25.000

ALT	Item	Unit of Measure	Low Bidder Quantity/ Unit Price/ Item Total	2nd Bidder Quantity/ Unit Price/ Item Total	3rd Bidder Quantity/ Unit Price/ Item Total
	2" EXPOSED CONDUIT		\$24.0000	\$12.0000	\$30.7700
			\$600.00	\$300.00	\$769.25
	0910-6000		555.000	555.000	555.000
	TRENCH	Linear Foot	\$7.5000	\$7.0000	\$10.6200
			\$4,162.50	\$3,885.00	\$5,894.10
	4910-7020		1.000	1.000	1.000
	COMPLETE POWER SUPPLY SYSTEM (MODIFIED)	Each	\$9500.0000	\$8158.0000	\$10831.4700
			\$9,500.00	\$8,158.00	\$10,831.47
	0910-7210		1.000	1.000	1.000
	TESTING OF ENTIRE LIGHTING SYSTEM	Lump Sum	\$2200.0000	\$2500.0000	\$2590.0000
			\$2,200.00	\$2,500.00	\$2,590.00
E	0931-0001		100.000	100.000	100.000
	POST MOUNTED SIGNS, TYPE B	Square Foot	\$31.0000	\$29.5500	\$35.4600
			\$3,100.00	\$2,955.00	\$3,546.00
O	9931-0001		0.000	0.000	0.000
	POSTED MOUNTED SIGNS, TYPE B EXPANDED FOAM BACKFILL	Square Foot	\$0.0000	\$0.0000	\$0.0000
			\$0.00	\$0.00	\$0.00
	0935-0001		41.000	41.000	41.000
	POST MOUNTED SIGNS, TYPE F	Square Foot	\$17.5000	\$16.7000	\$20.0400
			\$717.50	\$684.70	\$821.64
	0936-0200		39.000	39.000	39.000
	STRUCTURE MOUNTED FLAT SHEET ALUMINUM SIGNS	Square Foot	\$58.0000	\$54.5000	\$65.4000
			\$2,262.00	\$2,125.50	\$2,550.60
	0941-0001		6.000	6.000	6.000
	RESET POST MOUNTED SIGNS, TYPE B	Each	\$120.0000	\$110.0000	\$132.0000
			\$720.00	\$660.00	\$792.00
	4941-0001		2.000	2.000	2.000
	RESET POST MOUNTED SIGNS, TYPE B (MODIFIED)	Each	\$122.0000	\$115.0000	\$138.0000
			\$244.00	\$230.00	\$276.00
	4942-0002		1.000	1.000	1.000
	RESET POST MOUNTED SIGNS, TYPE C (MODIFIED)	Each	\$800.0000	\$765.0000	\$918.0000
			\$800.00	\$765.00	\$918.00
	0945-0001		5.000	5.000	5.000
	RESET POST MOUNTED SIGNS, TYPE F	Each	\$16.5000	\$16.0000	\$19.2000
			\$82.50	\$80.00	\$96.00
	0951-0132		1.000	1.000	1.000
	TRAFFIC SIGNAL SUPPORT, 32' MAST ARM	Each	\$12000.0000	\$10979.0000	\$16556.1400
			\$12,000.00	\$10,979.00	\$16,556.14
	0951-0134		1.000	1.000	1.000
	TRAFFIC SIGNAL SUPPORT, 34' MAST ARM	Each	\$12500.0000	\$10985.0000	\$16574.3700
			\$12,500.00	\$10,985.00	\$16,574.37
	0951-2136		1.000	1.000	1.000
	TRAFFIC SIGNAL SUPPORT, 36' MAST ARM WITH LUMINAIRE ARM (30' MOUNTING HEIGHT)	Each	\$15000.0000	\$13322.0000	\$20259.0700
			\$15,000.00	\$13,322.00	\$20,259.07
	0951-4012		2.000	2.000	2.000
	TRAFFIC SIGNAL SUPPORT, 12' PEDESTAL	Each	\$2200.0000	\$2835.0000	\$2915.4100
			\$4,400.00	\$5,670.00	\$5,830.82
	4952-1020		1.000	1.000	1.000
	NEMA TS-1 CONTROLLER ASSEMBLY, TYPE 1 MOUNTING (MODIFIED)	Each	\$13000.0000	\$12020.0000	\$13585.2000
			\$13,000.00	\$12,020.00	\$13,585.20
	4952-1021		2.000	2.000	2.000
	NEMA TS-1 CONTROLLER ASSEMBLY, TYPE 2 MOUNTING (MODIFIED)	Each	\$11000.0000	\$10965.0000	\$14872.7800
			\$22,000.00	\$21,930.00	\$29,745.56
	0954-0012	Linear Foot	470.000	470.000	470.000

ALT	Item	Unit of Measure	Low Bidder Quantity/ Unit Price/ Item Total	2nd Bidder Quantity/ Unit Price/ Item Total	3rd Bidder Quantity/ Unit Price/ Item Total
	2 INCH CONDUIT		\$2.0000	\$3.5000	\$3.6400
			\$940.00	\$1,645.00	\$1,710.80
	0954-0013		730.000	730.000	730.000
	3 INCH CONDUIT	Linear Foot	\$3.0000	\$5.9000	\$4.5700
			\$2,190.00	\$4,307.00	\$3,336.10
	0954-0151		150.000	150.000	150.000
	TRENCH AND BACKFILL, TYPE I	Linear Foot	\$10.5000	\$7.0000	\$10.6200
			\$1,575.00	\$1,050.00	\$1,593.00
	0954-0152		80.000	80.000	80.000
	TRENCH AND BACKFILL, TYPE II	Linear Foot	\$17.5000	\$22.0000	\$42.4000
			\$1,400.00	\$1,760.00	\$3,392.00
	0954-0153		260.000	260.000	260.000
	TRENCH AND BACKFILL, TYPE III	Linear Foot	\$60.0000	\$42.0000	\$41.9000
			\$15,600.00	\$10,920.00	\$10,894.00
	0954-0201		600.000	600.000	600.000
	SIGNAL CABLE, 14 AWG, 3 CONDUCTOR	Linear Foot	\$1.8000	\$1.5000	\$1.4900
			\$1,080.00	\$900.00	\$894.00
	0954-0202		1300.000	1300.000	1300.000
	SIGNAL CABLE, 14 AWG, 5 CONDUCTOR	Linear Foot	\$1.9000	\$1.7000	\$2.1100
			\$2,470.00	\$2,210.00	\$2,743.00
	0954-0203		800.000	800.000	800.000
	SIGNAL CABLE, 14 AWG, 7 CONDUCTOR	Linear Foot	\$2.3000	\$1.9500	\$2.4800
			\$1,840.00	\$1,560.00	\$1,984.00
	4954-0302		4.000	4.000	4.000
	JUNCTION BOX, JB-27 (MODIFIED)	Each	\$950.0000	\$1100.0000	\$992.8900
			\$3,800.00	\$4,400.00	\$3,971.56
	0954-0402		1.000	1.000	1.000
	ELECTRICAL SERVICE, TYPE B	Each	\$1300.0000	\$1600.0000	\$4761.8100
			\$1,300.00	\$1,600.00	\$4,761.81
	4955-3208		6.000	6.000	6.000
	VEHICULAR SIGNAL HEAD, THREE 12" SECTIONS (MODIFIED)	Each	\$835.0000	\$733.0000	\$769.9000
			\$5,010.00	\$4,398.00	\$4,619.40
	4955-3210		2.000	2.000	2.000
	VEHICULAR SIGNAL HEAD, FIVE 12" SECTIONS (MODIFIED)	Each	\$1680.0000	\$1217.0000	\$1415.6000
			\$3,360.00	\$2,434.00	\$2,831.20
	0955-3722		2.000	2.000	2.000
	LED COUNTDOWN PEDESTRIAN SIGNAL HEAD, TYPE A	Each	\$600.0000	\$587.0000	\$665.2500
			\$1,200.00	\$1,174.00	\$1,330.50
	4956-0121		12.000	12.000	12.000
	LOOP AMPLIFIER, 1 CHANNEL SHELF MOUNTED WITH TIMER (MODIFIED)	Each	\$315.0000	\$274.0000	\$354.5600
			\$3,780.00	\$3,288.00	\$4,254.72
	4956-0500		2.000	2.000	2.000
	PEDESTRIAN PUSH BUTTON (MODIFIED)	Each	\$175.0000	\$159.0000	\$161.6700
			\$350.00	\$318.00	\$323.34
	4956-0770		3.000	3.000	3.000
	DIGITAL WAVE RADAR DETECTION SYSTEM (MODIFIED)	Each	\$8600.0000	\$7929.0000	\$9698.0600
			\$25,800.00	\$23,787.00	\$29,094.18
	0960-0005		580.000	580.000	580.000
	6" WHITE HOT THERMOPLASTIC PAVEMENT MARKINGS	Linear Foot	\$3.3000	\$2.7500	\$3.9000
			\$1,914.00	\$1,595.00	\$2,262.00
	0960-0021		136.000	136.000	136.000
	24" WHITE HOT THERMOPLASTIC PAVEMENT MARKINGS	Linear Foot	\$14.0000	\$10.0000	\$15.0000
			\$1,904.00	\$1,360.00	\$2,040.00

ALT	Item	Unit of Measure	Low Bidder Quantity/ Unit Price/ Item Total	2nd Bidder Quantity/ Unit Price/ Item Total	3rd Bidder Quantity/ Unit Price/ Item Total
	0962-1000		3121.000	3121.000	3121.000
	4" WHITE WATERBORNE PAVEMENT MARKINGS	Linear Foot	\$0.5000	\$0.5000	\$0.5400
			\$1,560.50	\$1,560.50	\$1,685.34
	0962-1001		1074.000	1074.000	1074.000
	6" WHITE WATERBORNE PAVEMENT MARKINGS	Linear Foot	\$0.5000	\$0.5500	\$0.4800
			\$537.00	\$590.70	\$515.52
	0962-1004		65.000	65.000	65.000
	24" WHITE WATERBORNE PAVEMENT MARKINGS	Linear Foot	\$7.0000	\$5.0000	\$7.7400
			\$455.00	\$325.00	\$503.10
	0962-1005		2512.000	2512.000	2512.000
	4" YELLOW WATERBORNE PAVEMENT MARKINGS	Linear Foot	\$0.2500	\$0.5000	\$0.3000
			\$628.00	\$1,256.00	\$753.60
	0962-1030		3.000	3.000	3.000
	WHITE WATERBORNE PAVEMENT LEGEND, "HANDICAP SYMBOL", 3'-3" X 2'-11"	Each	\$175.0000	\$50.0000	\$180.0000
			\$525.00	\$150.00	\$540.00
	0963-0001		3087.000	3087.000	3087.000
	PAVEMENT MARKING REMOVAL	Square Foot	\$1.7500	\$1.5000	\$1.7000
			\$5,402.25	\$4,630.50	\$5,247.90
	0965-0222		2.000	2.000	2.000
	WHITE PREFORMED THERMOPLASTIC LEGEND, "RIGHT ARROW", 12' - 0" X 3' - 0"	Each	\$210.0000	\$200.0000	\$240.0000
			\$420.00	\$400.00	\$480.00
	0965-0224		3.000	3.000	3.000
	WHITE PREFORMED THERMOPLASTIC LEGEND, "LEFT ARROW", 12' - 0" X 3' - 0"	Each	\$210.0000	\$200.0000	\$240.0000
			\$630.00	\$600.00	\$720.00
	0971-0001		14.000	14.000	14.000
	REMOVE POST MOUNTED SIGNS, TYPE B	Each	\$32.0000	\$30.0000	\$36.0000
			\$448.00	\$420.00	\$504.00
	0975-0001		2.000	2.000	2.000
	REMOVE POST MOUNTED SIGNS, TYPE F	Each	\$15.0000	\$14.0000	\$16.8000
			\$30.00	\$28.00	\$33.60
	1056-0110		70.000	70.000	70.000
	FABRICATED STRUCTURAL STEEL, GALVANIZED	Pound	\$5.5000	\$5.2500	\$6.3000
			\$385.00	\$367.50	\$441.00
	9000-0001		1.000	1.000	1.000
	HIGHWAY LIGHTING REMOVAL, TESTING AND SYSTEM RECONNECTION	Lump Sum	\$5800.0000	\$2750.0000	\$5887.5200
			\$5,800.00	\$2,750.00	\$5,887.52
	9000-0002		1.000	1.000	1.000
	MODIFICATION OF EXISTING BARRIER	Lump Sum	\$15500.0000	\$14972.7500	\$5813.0200
			\$15,500.00	\$14,972.75	\$5,813.02
	9000-0003		1.000	1.000	1.000
	BARRIER TRANSITION	Lump Sum	\$30000.0000	\$12868.0100	\$9967.5700
			\$30,000.00	\$12,868.01	\$9,967.57
	9000-0004		2.000	2.000	2.000
	RESET EXISTING CITY OF JOHNSTOWN SURVEY MONUMENT	Each	\$350.0000	\$165.4600	\$463.6900
			\$700.00	\$330.92	\$927.38
	9000-0005		1.000	1.000	1.000
	REMOVE METAL UTILITY POLE	Each	\$1200.0000	\$1949.8600	\$1255.6700
			\$1,200.00	\$1,949.86	\$1,255.67
	9000-0006		10.000	10.000	10.000
	DECORATIVE LUMINAIRE, METAL HALIDE, 100W	Each	\$1200.0000	\$1425.0000	\$1382.1900
			\$12,000.00	\$14,250.00	\$13,821.90
	9000-0007		1.000	1.000	1.000
	REMOVE EXISTING IMPACT ATTENUATING DEVICE	Each	\$1100.0000	\$1785.0000	\$2141.9900
			\$1,100.00	\$1,785.00	\$2,141.99

ALT	Item	Unit of Measure	Low Bidder Quantity/ Unit Price/ Item Total	2nd Bidder Quantity/ Unit Price/ Item Total	3rd Bidder Quantity/ Unit Price/ Item Total
	9000-0009		180.000	180.000	180.000
	REMOVE EXISTING MEDIAN BARRIER	Linear Foot	\$25.0000	\$36.7500	\$47.9400
			\$4,500.00	\$6,615.00	\$8,629.20
	9000-0010		5.000	5.000	5.000
	PIPE BOLLARDS	Each	\$500.0000	\$1130.0000	\$1283.3600
			\$2,500.00	\$5,650.00	\$6,416.80
	9000-0011		24.000	24.000	24.000
	BARRIER MOUNTED PEDESTRIAN RAILING	Linear Foot	\$195.0000	\$340.0800	\$180.0000
			\$4,680.00	\$8,161.92	\$4,320.00
	9000-0012		2.000	2.000	2.000
	WHITE WATERBORNE PAVEMENT LEGEND, "FIRE LANE"	Each	\$175.0000	\$125.0000	\$180.0000
			\$350.00	\$250.00	\$360.00
	9000-0013		6.000	6.000	6.000
	WALL MOUNTED SIGNS	Square Foot	\$88.0000	\$82.5000	\$99.0600
			\$528.00	\$495.00	\$594.36
	9000-0014		52.000	52.000	52.000
	14" DUCTILE IRON PIPE	Linear Foot	\$150.0000	\$100.6900	\$107.5000
			\$7,800.00	\$5,235.88	\$5,590.00
	9000-0015		8500.000	8500.000	8500.000
	ELECTRICAL SYSTEM UPGRADES	Dollar	\$1.0000	\$1.0000	\$1.0000
			\$8,500.00	\$8,500.00	\$8,500.00
	9605-2060		3.000	3.000	3.000
	CAP EXISTING INLET	Each	\$1100.0000	\$1207.7000	\$811.7000
			\$3,300.00	\$3,623.10	\$2,435.10
	9623-0122		1.000	1.000	1.000
	END TRANSITION, SINGLE FACE CONCRETE BARRIER TO CURB	Each	\$4000.0000	\$6360.1000	\$4199.9800
			\$4,000.00	\$6,360.10	\$4,199.98
	9802-0001		121.000	121.000	121.000
	RECONSTRUCTED TOPSOIL	Cubic Yard	\$85.0000	\$85.0500	\$66.0000
			\$10,285.00	\$10,291.05	\$7,986.00
	9900-0001		1.000	1.000	1.000
	CLOSED LOOP SYSTEM, MASTER CONTROLLER ASSEMBLY	Lump Sum	\$7800.0000	\$8785.0000	\$15641.6400
			\$7,800.00	\$8,785.00	\$15,641.64
	9910-0001		10.000	10.000	10.000
	LIGHT POLE FOUNDATION, TYPE 1	Each	\$1250.0000	\$1200.0000	\$1384.2100
			\$12,500.00	\$12,000.00	\$13,842.10
	9910-0826		10.000	10.000	10.000
	DECORATIVE ALUMINUM LIGHT POLE AND BASE	Each	\$2400.0000	\$2950.0000	\$2014.3300
			\$24,000.00	\$29,500.00	\$20,143.30
	9933-0001		6.000	6.000	6.000
	CONCRETE BARRIER MOUNTED SIGNS, TYPE D	Square Foot	\$300.0000	\$286.1500	\$343.3800
			\$1,800.00	\$1,716.90	\$2,060.28
	9957-0001		3.000	3.000	3.000
	SPREAD SPECTRUM RADIO TRANCEIVERS AND ANTENNAS	Each	\$5300.0000	\$6230.0000	\$8949.0900
			\$15,900.00	\$18,690.00	\$26,847.27