Municipality of Princeton

Municipal Building
400 Witherspoon Street
Princeton, NJ 08540-3496

Department of Community Development
Office of the Engineer
Telephone (609)921-7077
Fax: (609) 688-2027

ROBERT V. KISER, P.E.
Director of Engineering

MEMORANDUM

TO: Robert Bruschi, Administrator

FROM: Deanna Stockton, P.E., Assistant Municipal Engineer

DATE: January 8, 2014

RE: **Improvements to Great Road West**
Bid Award Recommendation

The Great Road West improvement project provides for new storm sewer installation, improvement of the Stuart Road / Great Road intersection and resurfacing of Great Road West from Great Road East to Stuart Road. Capital funding was approved for this project by Princeton Council in 2013.

Bids for the advertisement of the above referenced project were received on January 7, 2014. Five (5) bids were received as detailed on the attached tabulation of bids, and as summarized below:

	Contractor	Bid Amount
1	Top Line Construction Corporation Somerville, NJ	$634,607.39
2	Lucas Brothers Morganville, NJ	$666,760.52
3	Mountain View Development Califon, NJ	$678,912.90
4	Pave Rite Bridgewater, NJ	$752,621.65
5	Black Rock Enterprises Old Bridge, NJ	$799,641.00

Based on the above, Top Line Construction Corporation of Somerville, NJ is the low bidder with a bid amount of $634,607.39. This low bid amount is 13 percent, and approximately $100,000.00, below the Engineer's Estimate of $734,482.00.

Top Line Construction Corporation has successfully completed numerous projects in Princeton. Recently completed projects include Westcott Road and Library Place; Ewing Street; Battle Road West and Circle; and Grover Avenue and Roper Road.

The funding for this project comes from a $261,676.00 NJDOT FY 2012 Municipal Aid grant and capital accounts. Sufficient funds are available for this bid award from the NJDOT Municipal Aid Grant and capital funding as confirmed by Sandy Webb, CFO.

We respectfully request award of this construction contract to Top Line Construction Corporation of Somerville, NJ in the low bid not to exceed amount of $634,607.39, contingent upon receiving concurrence from NJDOT Local Government Services. This award is to be made per the attached Resolution for Council's consideration.

Please contact either myself, Deanna Stockton, P.E., Assistant Engineer, or Robert V. Kiser, P.E., Director of Engineering, if you have any questions.

Deanna Stockton

Deanna Stockton, P.E., Assistant Municipal Engineer

Attachments

RVK/dls

c: NJDOT Local Government Services
Robert V. Kiser, P.E., Director of Engineering
Linda S. McDermott, Municipal Clerk
Sandra Webb, CFO
Edwin W. Schmierer, Municipal Attorney
Rosanna Roberto, Bookkeeper/Secretary

RESOLUTION 2014-R
OF THE MAYOR AND COUNCIL
OF THE MUNICIPALITY OF PRINCETON
RESOLUTION

WHEREAS, Princeton has advertised for and received bids in accordance with the provisions of the New Jersey Local Public Contracts Law, *N.J.S.A.* 40A:11-2 *et seq.* for Capital Improvements to Great Road West; and

WHEREAS, Princeton has received five (5) bids to undertake and complete said work; and

WHEREAS, in reviewing said bids Princeton has determined that the lowest responsible bidder is Top Line Construction Corporation of Somerville, NJ in the amount of $634,607.39; and

WHEREAS, Princeton has appropriated funds for this capital project which include the receipt of the New Jersey Department of Transportation FY 2012 Municipal Aid Grant in the amount of $261,676.00; and

WHEREAS, Princeton wishes to award a contract to undertake and complete said work to the aforementioned lowest responsible bidder.

NOW, THEREFORE, BE IT RESOLVED by the Princeton Council and the Municipality of Princeton as follows:

1. The Mayor and Clerk of Princeton are hereby authorized and directed to enter into an agreement with Top Line Construction Corporation of Somerville, NJ for a sum not to exceed $634,607.39 to undertake and complete various improvements of Great Road West, all in accordance with the terms and conditions with the Bid Documents which are on file in the office of the Clerk.

2. The award of this contract is being made subject to the review, approval and concurrence by the New Jersey Department of Transportation in accordance with said Department's Local Municipal Grant Program.

3. A certified true copy of this Resolution shall be furnished upon its adoption to the New Jersey Department of Transportation and Top Line Construction Corporation of Somerville, NJ.

Councilperson	Absent	Present	1st	2nd	Yea	Nay	Abstain	Disqualified
Ms. Butler								
Mrs. Crumiller								
Ms. Howard								
Mr. Liverman								
Mr. Miller								
Mr. Simon								
Mayor Lempert								

I, Linda S. McDermott, Clerk of the Municipality of Princeton, do hereby certify that the above is a true and complete copy of a resolution adopted by the Mayor and Council of said Municipality at a meeting held January 13, 2014.

IN WITNESS WHEREOF, I hereunto set my hand and affix the corporate seal of said Municipality, this 14th day of January, 2014.

_____

Linda S. McDermott
Municipal Clerk

IMPROVEMENTS TO GREAT ROAD WEST BID TABULATION
Bid Opening: January 7, 2014 at 11:00 am

				Engineer's Estimate		Top Line Construction Corp. 22 5th Street Somerville, NJ 08876		Lucas Brothers 80 Amboy Road Morganville, NJ 07751		Mountain View Development P.O. Box 513 Califon, NJ 07830		Pave Rite 40 Radel Avenue Bridgewater, NJ 08807		Black Rock Enterprises 1316 Englishtown Road Old Bridge, NJ	
ITEM	DESCRIPTION	UNIT	QTY	UNIT PRICE	EXTENDED PRICE	UNIT PRICE	EXTENDED PRICE	UNIT PRICE	EXTENDED PRICE	UNIT PRICE	EXTENDED PRICE	UNIT PRICE	EXTENDED PRICE	UNIT PRICE	EXTENDED PRICE
1	Site Preparation and Maintenance	LS	1	$50,000.00	$50,000.00	$48,500.00	$48,500.00	$37,500.00	$37,500.00	$47,200.00	$47,200.00	$14,500.00	$14,500.00	$108,700.00	$108,700.00
2	Test Pits, If and Where Directed	CY	20	$75.00	$1,500.00	$0.01	$0.20	$110.00	$2,200.00	$0.01	$0.20	$10.00	$200.00	$85.00	$1,700.00
3	Roadway Excavation, Unclassified	CY	2,600	$27.00	$70,200.00	$28.53	$74,178.00	$19.75	$51,350.00	$28.00	$72,800.00	$47.00	$122,200.00	$34.00	$88,400.00
4	Trench Excavation, Rock	CY	20	$100.00	$2,000.00	$15.68	$313.60	$250.00	$5,000.00	$0.01	$0.20	$100.00	$2,000.00	$75.00	$1,500.00
5	Milling Bituminous Concrete, 1"-3" Thick, 7 Feet Wide, If and Where Directed	SY	500	$2.50	$1,250.00	$0.01	$5.00	$20.50	$10,250.00	$12.00	$6,000.00	$9.30	$4,650.00	$4.00	$2,000.00
6	Subgrade Repairs, If and Where Directed	CY	50	$60.00	$3,000.00	$50.00	$2,500.00	$52.00	$2,600.00	$25.00	$1,250.00	$125.00	$6,250.00	$55.00	$2,750.00
7	DGABC, 5" Thick	SY	6,200	$9.00	$55,800.00	$2.28	$14,136.00	$4.75	$29,450.00	$4.00	$24,800.00	$6.50	$40,300.00	$7.85	$48,670.00
8	Leveling Course, Hot Mix Asphalt 25H64, If and Where Directed	TON	300	$80.00	$24,000.00	$0.01	$3.00	$74.75	$22,425.00	$70.00	$21,000.00	$70.70	$21,210.00	$72.00	$21,600.00
9	Hot Mix Asphalt 19M64 Base Course, 5" Thick	TON	1,900	$80.00	$152,000.00	$74.91	$142,329.00	$72.00	$136,800.00	$70.00	$133,000.00	$70.70	$134,330.00	$80.00	$152,000.00
10	Hot Mix Asphalt 9.5M64 Surface Course, 2" Thick	TON	600	$80.00	$48,000.00	$83.29	$49,974.00	$74.75	$44,850.00	$95.00	$57,000.00	$82.05	$49,230.00	$84.00	$50,400.00
11	Asphalt Price Adjustment	LS	1	$25,000.00	$25,000.00	$25,000.00	$25,000.00	$25,000.00	$25,000.00	$25,000.00	$25,000.00	$25,000.00	$25,000.00	$25,000.00	$25,000.00
12	Bituminous Concrete Driveways	SY	225	$30.00	$6,750.00	$35.30	$7,942.50	$47.00	$10,575.00	$40.00	$9,000.00	$42.00	$9,450.00	$60.00	$13,500.00
13	Decorative Driveway Stone, If and Where Directed	SY	20	$50.00	$1,000.00	$19.08	$381.60	$15.00	$300.00	$40.00	$800.00	$250.00	$5,000.00	$25.00	$500.00
14a	Reinforced Concrete Pipe, 15", Class IV	LF	683	$80.00	$54,640.00	$60.43	$41,273.69	$69.25	$47,297.75	$87.00	$59,421.00	$75.00	$51,225.00	$59.00	$40,297.00
14b	Reinforced Concrete Pipe, 18", Class IV	LF	128	$90.00	$11,520.00	$63.77	$8,162.56	$76.50	$9,792.00	$90.00	$11,520.00	$80.00	$10,240.00	$64.00	$8,192.00
14c	Reinforced Concrete Pipe, 21", Class IV	LF	314	$100.00	$31,400.00	$69.80	$21,917.20	$93.60	$29,390.40	$95.00	$29,830.00	$85.00	$26,690.00	$69.00	$21,666.00
15	Reinforced Concrete Flared End Section, 15", Class IV, with Riprap Apron	LS	1	$1,400.00	$1,400.00	$2,633.61	$2,633.61	$2,350.00	$2,350.00	$1,000.00	$1,000.00	$4,000.00	$4,000.00	$1,500.00	$1,500.00
16	Ductile Iron Pipe, 14", Class 52	LF	76	$80.00	$6,080.00	$112.83	$8,575.08	$125.00	$9,500.00	$100.00	$7,600.00	$130.00	$9,880.00	$200.00	$15,200.00
17a	Discharge Header, 6" Sch. 80 PVC Pipe, If and Where Directed	LF	200	$45.00	$9,000.00	$25.80	$5,160.00	$25.00	$5,000.00	$45.00	$9,000.00	$25.00	$5,000.00	$30.25	$6,050.00
17b	Sump Pump and Roof Drain Connection, 4" Sch. 40 PVC Pipe, If and Where Directed	LF	100	$40.00	$4,000.00	$15.41	$1,541.00	$20.00	$2,000.00	$20.00	$2,000.00	$20.00	$2,000.00	$20.00	$2,000.00
17c	Cleanout Inspection Riser, Sch. 40 PVC Pipe	EACH	10	$200.00	$2,000.00	$89.60	$896.00	$950.00	$9,500.00	$100.00	$1,000.00	$140.00	$1,400.00	$350.00	$3,500.00
18a	Storm Sewer Inlet Structure, Type B w/Type N Eco Curb Piece & Bicycle Safe Grate w/ Eco Markings (Embedded)	EACH	12	$2,750.00	$33,000.00	$3,480.10	$41,761.20	$3,475.00	$41,700.00	$3,000.00	$36,000.00	$4,500.00	$54,000.00	$2,575.00	$30,900.00
18b	Lawn Inlet, If and Where Directed	EACH	2	$400.00	$800.00	$627.29	$1,254.58	$1,825.00	$3,650.00	$1,500.00	$3,000.00	$1,500.00	$3,000.00	$1,205.00	$2,410.00
18c	Storm Sewer Inlet Curb Piece, Type B w/Type N Eco Curb Piece w/ Eco Markings (Embedded)	EACH	1	$400.00	$400.00	$344.70	$344.70	$610.00	$610.00	$500.00	$500.00	$280.00	$280.00	$485.00	$485.00

IMPROVEMENTS TO GREAT ROAD WEST BID TABULATION
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				Engineer's Estimate		Top Line Construction Corp. 22 5th Street Somerville, NJ 08876		Lucas Brothers 80 Amboy Road Morganville, NJ 07751		Mountain View Development P.O. Box 513 Califon, NJ 07830		Pave Rite 40 Radel Avenue Bridgewater, NJ 08807		Black Rock Enterprises 1316 Englishtown Road Old Bridge, NJ	
ITEM	DESCRIPTION	UNIT	QTY	UNIT PRICE	EXTENDED PRICE	UNIT PRICE	EXTENDED PRICE	UNIT PRICE	EXTENDED PRICE	UNIT PRICE	EXTENDED PRICE	UNIT PRICE	EXTENDED PRICE	UNIT PRICE	EXTENDED PRICE
18d	Manhole or Inlet Reconstruction, If and Where Directed	EACH	1	$1,000.00	$1,000.00	$926.59	$926.59	$1,500.00	$1,500.00	$1,000.00	$1,000.00	$800.00	$800.00	$3,500.00	$3,500.00
18e	Manhole or Inlet Repair, If and Where Directed	EACH	1	$750.00	$750.00	$599.06	$599.06	$1,000.00	$1,000.00	$1,000.00	$1,000.00	$700.00	$700.00	$1,750.00	$1,750.00
19	Reset Existing Inlet or Manhole Casting, If and Where Directed	EACH	5	$300.00	$1,500.00	$250.27	$1,251.35	$325.00	$1,625.00	$250.00	$1,250.00	$300.00	$1,500.00	$300.00	$1,500.00
20	Bicycle Safe Grates, w/Eco Markings (Embedded), If and Where Directed	EACH	6	$250.00	$1,500.00	$0.01	$0.06	$350.00	$2,100.00	$250.00	$1,500.00	$305.00	$1,830.00	$300.00	$1,800.00
21	Reset Gas and Water Valve Boxes, If and Where Directed	EACH	5	$100.00	$500.00	$0.01	$0.05	$350.00	$1,750.00	$100.00	$500.00	$50.00	$250.00	$85.00	$425.00
22	Belgian Block Curb, 4" x 6" x 10.5"	LF	1,115	$25.00	$27,875.00	$29.88	$33,316.20	$18.25	$20,348.75	$18.00	$20,070.00	$21.95	$24,474.25	$29.00	$32,335.00
23	Concrete Sidewalk, 5" Thick	SY	15	$70.00	$1,050.00	$99.07	$1,486.05	$55.00	$825.00	$50.00	$750.00	$75.25	$1,128.75	$72.00	$1,080.00
24	Bituminous Concrete Walkway, If and Where Directed	SY	60	$70.00	$4,200.00	$42.46	$2,547.60	$42.00	$2,520.00	$40.00	$2,400.00	$86.00	$5,160.00	$64.00	$3,840.00
25	Detectable Warning Surfaces, Cast Iron, 24"x24" Square Plates	EACH	4	$150.00	$600.00	$127.68	$510.72	$185.00	$740.00	$600.00	$2,400.00	$330.00	$1,320.00	$300.00	$1,200.00
26a	Barricades, Type III	EACH	12	$150.00	$1,800.00	$0.01	$0.12	$0.01	$0.12	$50.00	$600.00	$50.00	$600.00	$95.00	$1,140.00
26b	Construction Signs	SF	253	$20.00	$5,060.00	$0.01	$2.53	$11.00	$2,783.00	$20.00	$5,060.00	$17.05	$4,313.65	$17.00	$4,301.00
26c	Drums	EACH	50	$80.00	$4,000.00	$0.01	$0.50	$0.01	$0.50	$0.01	$0.50	$50.00	$2,500.00	$65.00	$3,250.00
26d	Traffic Cones	EACH	100	$20.00	$2,000.00	$0.01	$1.00	$0.01	$1.00	$0.01	$1.00	$5.00	$500.00	$15.00	$1,500.00
27a	Traffic Striping, 4" Wide, Long-Life, Thermoplastic	LF	200	$0.70	$140.00	$1.84	$368.00	$1.95	$390.00	$5.00	$1,000.00	$1.95	$390.00	$1.83	$366.00 (2)
27b	Traffic Marking, Stop Bars and Crosswalks, Long-Life, Thermoplastic	SF	160	$2.20	$352.00	$5.51	$881.60	$5.75	$920.00	$5.00	$800.00	$5.80	$928.00	$5.50	$880.00
27c	Traffic Marking, Inlet Marking, Long-Life, Thermoplastic	EACH	16	$10.00	$160.00	$52.50	$840.00	$55.00	$880.00	$10.00	$160.00	$55.00	$880.00	$54.00	$864.00
27d	Traffic Marking, Hydrant Marking, Long-Life, Thermoplastic	EACH	2	$40.00	$80.00	$89.25	$178.50	$93.50	$187.00	$25.00	$50.00	$93.50	$187.00	$120.00	$240.00
28	Dry-Laid Fieldstone Wall, If and Where Directed	FF	140	$40.00	$5,600.00	$80.61	$11,285.40	$95.00	$13,300.00	$40.00	$5,600.00	$95.00	$13,300.00	$75.00	$10,500.00
29	Earthen Berm, If and Where Directed	CY	50	$9.00	$450.00	$0.01	$0.50	$26.50	$1,325.00	$25.00	$1,250.00 (1)	$95.00	$4,750.00	$25.00	$1,250.00
30	Lawn Area Construction	SY	3,500	$5.75	$20,125.00	$7.92	$27,720.00	$4.75	$16,625.00	$6.00	$21,000.00	$8.25	$28,875.00	$6.00	$21,000.00
31	Soil Stabilization Matting, If and Where Directed	SY	100	$10.00	$1,000.00	$5.07	$507.00	$3.50	$350.00	$5.00	$500.00	$2.00	$200.00	$5.00	$500.00
32	As - Built Drawings	LS	1	$10,000.00	$10,000.00	$3,402.04	$3,402.04	$8,500.00	$8,500.00	$3,300.00	$3,300.00	$6,000.00	$6,000.00	$7,500.00	$7,500.00
	SUBTOTAL BASE BID AMOUNT				$684,482.00		$584,607.39		$616,760.52		$628,912.90 (1)		$702,621.65		$749,641.00 (2)

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ITEM	DESCRIPTION	UNIT	QTY	UNIT PRICE	EXTENDED PRICE	UNIT PRICE	EXTENDED PRICE	UNIT PRICE	EXTENDED PRICE	UNIT PRICE	EXTENDED PRICE	UNIT PRICE	EXTENDED PRICE	UNIT PRICE	EXTENDED PRICE
33	Contingency, If and Where Directed	LS	1	$50,000.00	$50,000.00	$50,000.00	$50,000.00	$50,000.00	$50,000.00	$50,000.00	$50,000.00	$50,000.00	$50,000.00	$50,000.00	$50,000.00
	TOTAL AMOUNT BASE BID PLUS CONTINGENCY				$734,482.00		$634,607.39		$666,760.52		$678,912.90 (1)		$752,621.65		$799,641.00 (2)

Notes:

(1) A mathmatical error in the extended price calculation for Item 29 in the Mountain View Development Bid has resulted in lower subtotal and total bid amounts by $1,250.00

(2) A mathmatical error in the extended price calculation for Item 27a in the Black Rock Enterprises Bid has resulted in higher subtotal and total bid amounts by $1.00

Bid Tabulation Prepared by: Deanna Stockton, P.E., Assistant Municipal Engineer

Bid Tabulation Approved By:_____
Robert V. Kiser, P.E., Municipal Engineer