

April 18, 2013

850 Forest Edge Drive, Vernon Hills, IL 60061
TEL 847.478.9700 ■ FAX 847.478.9701

820 Lakeside Drive, Suite 5, Gurnee, IL 60031
TEL 847.855.1100 ■ FAX 847.855.1115

www.gha-engineers.com

Mr. Robert Abboud
President
Village of Barrington Hills
112 Algonquin Road
Barrington Hills, Illinois 60010

Re: 2013 Drainage Program
Bid Recommendation

Dear Mr. Abboud:

On Wednesday, April 17, 2013, at 2:00 PM bids for the above referenced project were received, opened and read aloud at the Village Hall. Attached are the bid tabulations and summary of the bids received along with the engineer's estimate of probable cost. The project includes culvert replacements on Spring Creek Road and Creekside Lane. The bid also included two alternate bid items: (1) provision of a dry hydrant on Spring Creek Road west of Spring Lane, and (2) replacement of a drain tile crossing Spring Creek Road in the vicinity of the ComEd right-of-way. A total of five bids were received for this project. The low bidder was A Call Construction of Spring Grove, IL with a base bid of \$154,163.00. Landmark Contractors, Inc. of Huntley, IL submitted the second lowest bid at \$161,167.20. The Engineer's Opinion of Probable Cost for this project was \$135,430.00. The budgeted amount for Drainage Management is \$120,000.00. A summary of the bids received from the two low contractors including the alternates is provided below:

	A Call Construction	Landmark Contractors
Base Bid	\$154,163.00	\$161,167.20
Alternate A: Dry Hydrant	\$33,000.00	\$72,370.90
Alternate B: Drain Tile	\$11,656.00	\$16,622.44
Total	\$198,819.00	\$250,160.54

The bulk of the cost for the project is due to three large elliptical culverts. There is a 48" equivalent round size culvert on Spring Creek Road that (based on A Call Construction's unit prices) will cost approximately \$24,000, and two 54" equivalent round size culverts on Creekside Lane that will cost \$40,000 and \$44,000, respectively. If it is essential for the project to be constructed at less than the budgeted amount for Drainage Management, we would recommend that the western culvert on Creekside Lane be removed from the project.

Contractor Review

Our office is currently working with A Call Construction on a library project in Winnetka. Those involved with the project have been very satisfied with the level of service provided. The second low bidder, Landmark Contractors, Inc. completed the 2007 Drainage Program for the Village and is also well qualified to complete the work.

We recommend that the Village Board award the 2013 Drainage Program to A Call Construction in the amount of \$154,163.00.

Lastly, as with any other construction project, it is recommended that the Village Board factor in a 10% contingency factor for additions or changes due to unforeseen conditions (generally below grade) to the proposed construction improvements. As always our office will keep the board apprised of any significant changes in the project scope. We anticipate the starting date for the project would be mid to late May; a completion date of June 21, 2013 is specified in the contract.

Sincerely,
Gewalt Hamilton Associates, Inc.



Daniel J. Strahan, P.E., CFM
Assistant Village Engineer

cc: Patty Meroni, Roads & Bridges Chair
Robert Kosin, Village Administrator

Date: April 17, 2013

Time: 2:00 p.m.

Location: Village of Barrington Hills
112 Algonquin Road
Barrington Hills, IL 60010

Prepared by: Lori Hinderliter

Checked by: Dan Strahan

BID TABULATION

2013 Drainage Program
Village of Barrington Hills
Barrington Hills, IL
GHA PROJECT # 9355.130



CONSULTING ENGINEERS

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Engineers Cost Estimate

*Call Construction
Spring Grove, IL*

*Landmark Contractors, Inc.
Huntley, IL*

Pay Item Description	Quantity	Unit	Unit Price	Value	Unit Price	Value	Unit Price	Value
1 Tree Removal (6-15 units)	12.00	UN	\$50.00	\$600.00	\$85.00	\$1,020.00	\$95.00	\$1,140.00
2 Topsoil Furnish @ Place, 4"	695.00	SY	\$3.50	\$2,432.50	\$8.00	\$5,560.00	\$4.85	\$3,370.75
3 Trench bAckfill	94.00	CY	\$35.00	\$3,290.00	\$35.00	\$3,290.00	\$38.50	\$3,619.00
4 Grading & Shaping Ditches (SP)	296.00	FT	\$12.00	\$3,552.00	\$12.00	\$3,552.00	\$25.75	\$7,622.00
5 Seeding, Class 2A	695.00	SY	\$1.00	\$695.00	\$2.00	\$1,390.00	\$0.72	\$500.40
6 Erosion Control Blanket	695.00	SY	\$2.50	\$1,737.50	\$5.00	\$3,475.00	\$0.96	\$667.20
7 Class D Patches, Type 1, 6"	128.00	SY	\$40.00	\$5,120.00	\$57.00	\$7,296.00	\$67.20	\$8,601.60
8 Pipe Culvert Removal	375.00	FT	\$20.00	\$7,500.00	\$5.00	\$1,875.00	\$18.15	\$6,806.25
9 Precast Reinforced FES, 12"	5.00	EA	\$650.00	\$3,250.00	\$1,000.00	\$5,000.00	\$662.25	\$3,311.25
10 Precast Reinforced FES, 15"	5.00	EA	\$715.00	\$3,575.00	\$1,000.00	\$5,000.00	\$686.55	\$3,432.75
11 Prec. Reinf. FES, Equiv. RS 48"	2.00	EA	\$2,500.00	\$5,000.00	\$4,000.00	\$8,000.00	\$2,321.80	\$4,643.60
12 Prec. Reinf. FES, Equiv. RS 60"	3.00	EA	\$3,000.00	\$9,000.00	\$5,000.00	\$15,000.00	\$3,995.10	\$11,985.30
13 Prec. Cocn. ES, Mod542206	1.00	EA	\$4,500.00	\$4,500.00	\$15,000.00	\$15,000.00	\$7,765.00	\$7,765.00
14 Grating for Conc. FES, 12"	5.00	EA	\$300.00	\$1,500.00	\$350.00	\$1,750.00	\$350.60	\$1,753.00
15 Grating for Con FES, 15"	5.00	EA	\$350.00	\$1,750.00	\$350.00	\$1,750.00	\$362.75	\$1,813.75
16 Grating-Conc. FES EQRS48"	2.00	EA	\$1,500.00	\$3,000.00	\$950.00	\$1,900.00	\$770.80	\$1,541.60
17 Grating-Conc. FES , EQRS 60"	3.00	EA	\$1,750.00	\$5,250.00	\$1,500.00	\$4,500.00	\$1,438.35	\$4,315.05
18 Pipe Culverts, CIA, T1, 12"	91.00	FT	\$42.00	\$3,822.00	\$45.00	\$4,095.00	\$70.80	\$6,442.80
19 Pipe Culverts, CIA, t1, 15"	98.00	FT	\$47.00	\$4,606.00	\$50.00	\$4,900.00	\$73.10	\$7,163.80
20 Pipe Culverts,CIA, T1 EQRS 48"	32.00	FT	\$175.00	\$5,600.00	\$240.00	\$7,680.00	\$262.10	\$8,387.20
21 Pipe Culverts, CIA, T1, EQRS 60"	104.00	FT	\$200.00	\$20,800.00	\$360.00	\$37,440.00	\$318.70	\$33,144.80
22 Catch Basins, TyC, Ty 8 GR	1.00	EA	\$1,000.00	\$1,000.00	\$1,200.00	\$1,200.00	\$1,255.95	\$1,255.95
23 Catch Basins, TyA,4' dia., T8 GR	1.00	EA	\$1,850.00	\$1,850.00	\$2,100.00	\$2,100.00	\$2,518.60	\$2,518.60
24 Grading & Shaping Shoulders	3.00	SY	\$100.00	\$300.00	\$30.00	\$90.00	\$87.35	\$262.05
25 Inlet Protection, Special	2.00	EA	\$100.00	\$200.00	\$150.00	\$300.00	\$151.75	\$303.50
26 Traffic Cont. & Prot. (Special)	1.00	LS	\$25,000.00	\$25,000.00	\$8,000.00	\$8,000.00	\$18,600.00	\$18,600.00
27 Temporary Cofferdams (Special)	3.00	EA	\$3,500.00	\$10,500.00	\$1,000.00	\$3,000.00	\$3,400.00	\$10,200.00
			sub-total:	\$135,430.00		\$154,163.00		\$161,167.20
Alternate A - Dry Hydrant Installation				\$20,958.18		\$33,000.00		\$72,370.90
Alternate B - Drain Tile Replacement				\$14,461.25		\$11,656.00		\$16,622.44
			Total	\$170,849.43	Total	\$198,819.00	Total	\$250,160.54
					as read:	\$198,819.00	as read:	250.160.54

I, **Daniel Strahan, P.E.**

, HEREBY CERTIFY THAT THE ABOVE IS A TRUE AND CORRECT SUMMARY OF PROPOSALS RECEIVED:

Date: April 17, 2013
Time: 2:00 p.m.
Location: Village of Barrington Hills
112 Algonquin Road
Barrington Hills, IL 60010

BID TABULATION

2013 Drainage Program
Village of Barrington Hills
Barrington Hills, IL
GHA PROJECT # 9355.130

Prepared by: Lori Hinderliter
Checked by: Dan Strahan

Pay Item	Description	Quantity	Unit	Lenny Hoffman Excavating Wilmette, IL		Maneval Construction Grayslake, IL		Copenhaver Construction Gilberts, IL	
				Unit Price	Value	Unit Price	Value	Unit Price	Value
1	Tree Removal (6-15 units)	12.00	UN	\$63.00	\$756.00	\$73.50	\$882.00	\$50.00	\$600.00
2	Topsoil Furnish @ Place, 4"	695.00	SY	\$10.00	\$6,950.00	\$3.73	\$2,592.35	\$6.00	\$4,170.00
3	Trench bAckfill	94.00	CY	\$55.00	\$5,170.00	\$64.03	\$6,018.82	\$34.00	\$3,196.00
4	Grading & Shaping Ditches (SP)	296.00	FT	\$16.50	\$4,884.00	\$33.13	\$9,806.48	\$15.00	\$4,440.00
5	Seeding, Class 2A	695.00	SY	\$2.00	\$1,390.00	\$0.79	\$549.05	\$1.00	\$695.00
6	Erosion Control Blanket	695.00	SY	\$3.00	\$2,085.00	\$3.15	\$2,189.25	\$3.00	\$2,085.00
7	Class D Patches, Type 1, 6"	128.00	SY	\$92.00	\$11,776.00	\$13.38	\$1,712.64	\$50.00	\$6,400.00
8	Pipe Culvert Removal	375.00	FT	\$21.00	\$7,875.00	\$25.64	\$9,615.00	\$30.00	\$11,250.00
9	Precast Reinforced FES, 12"	5.00	EA	\$960.00	\$4,800.00	\$247.80	\$1,239.00	\$500.00	\$2,500.00
10	Precast Reinforced FES, 15"	5.00	EA	\$985.00	\$4,925.00	\$277.30	\$1,386.50	\$600.00	\$3,000.00
11	Prec. Reinf. FES, Equiv. RS 48"	2.00	EA	\$2,460.00	\$4,920.00	\$1,534.00	\$3,068.00	\$4,800.00	\$9,600.00
12	Prec. Reinf. FES, Equiv. RS 60"	3.00	EA	\$3,340.00	\$10,020.00	\$2,832.00	\$8,496.00	\$5,500.00	\$16,500.00
13	Prec. Con. ES, Mod542206	1.00	EA	\$9,100.00	\$9,100.00	\$18,408.00	\$18,408.00	\$3,500.00	\$3,500.00
14	Grating for Conc. FES, 12"	5.00	EA	\$560.00	\$2,800.00	\$212.40	\$1,062.00	\$500.00	\$2,500.00
15	Grating for Con FES, 15"	5.00	EA	\$580.00	\$2,900.00	\$236.00	\$1,180.00	\$600.00	\$3,000.00
16	Grating-Conc. FES EQRS48"	2.00	EA	\$980.00	\$1,960.00	\$826.00	\$1,652.00	\$2,000.00	\$4,000.00
17	Grating-Conc. FES , EQRS 60"	3.00	EA	\$1,365.00	\$4,095.00	\$1,180.00	\$3,540.00	\$2,300.00	\$6,900.00
18	Pipe Culverts, CIA, T1, 12"	91.00	FT	\$87.00	\$7,917.00	\$240.22	\$21,860.02	\$36.00	\$3,276.00
19	Pipe Culverts, CIA, t1, 15"	98.00	FT	\$88.00	\$8,624.00	\$231.78	\$22,714.44	\$47.00	\$4,606.00
20	Pipe Culverts, CIA, T1 EQRS 48"	32.00	FT	\$214.00	\$6,848.00	\$567.54	\$18,161.28	\$300.00	\$9,600.00
21	Pipe Culverts, CIA, T1, EQRS 60"	104.00	FT	\$245.00	\$25,480.00	\$405.18	\$42,138.72	\$400.00	\$41,600.00
22	Catch Basins, TyC, Ty 8 GR	1.00	EA	\$1,400.00	\$1,400.00	\$4,086.34	\$4,086.34	\$1,400.00	\$1,400.00
23	Catch Basins, TyA, 4' dia., T8 GR	1.00	EA	\$1,900.00	\$1,900.00	\$4,800.52	\$4,800.52	\$2,900.00	\$2,900.00
24	Grading & Shaping Shoulders	3.00	SY	\$136.00	\$408.00	\$314.67	\$944.01	\$100.00	\$300.00
25	Inlet Protection, Special	2.00	EA	\$150.00	\$300.00	\$752.25	\$1,504.50	\$100.00	\$200.00
26	Traffic Cont. & Prot. (Special)	1.00	LS	\$34,000.00	\$34,000.00	\$27,140.00	\$27,140.00	\$69,000.00	\$69,000.00
27	Temporary Cofferdams (Special)	3.00	EA	\$2,700.00	\$8,100.00	\$3,423.97	\$10,271.91	\$6,000.00	\$18,000.00
					\$181,383.00		\$227,018.83		\$235,218.00
					\$34,000.00		\$38,820.56		\$24,610.00
					\$16,000.00		\$19,738.26		\$18,590.00
				Total	\$231,383.00	Total	\$285,577.65	Total	\$278,418.00
				<i>as read:</i>		<i>as read:</i>		<i>as read:</i>	

I, **Daniel Strahan, P.E.**, HEREBY CERTIFY THAT THE ABOVE IS A TRUE AND CORRECT SUMMARY OF PROPOSALS RECEIVED: