



# CITY of NOVI CITY COUNCIL

**Agenda Item F**  
**May 23, 2001**

**SUBJECT:** Approval to award a construction contract for the C & O and Cedar Springs Regional Storm Water Detention Basin Improvements project to Oak Construction, the low bidder, in the amount of \$93,885.

**SUBMITTING DEPARTMENT:** Department of Public Services, Engineering Division *STC*

**CITY MANAGER APPROVAL:** *[Signature]*

<b>EXPENDITURE REQUIRED</b>	<b>\$62,800 C&amp;O Basin</b> <b><u>\$31,085 Cedar Springs Basin</u></b> <b>\$93,885 TOTAL</b>
<b>AMOUNT BUDGETED</b>	<b>\$267,000 C&amp;O Basin</b> <b><u>\$ 88,700 Cedar Springs Basin</u></b> <b>\$355,700 TOTAL (Engineering and Construction)</b>
<b>LINE ITEM NUMBER</b>	<b>210-211.00-865.131 C&amp;O Basin</b> <b>210-211.00-865.134 Cedar Springs Basin</b>

**BACKGROUND INFORMATION:**

The purpose of this project is to repair and improve two of the City's regional storm water detention basins: the C&O basin and the Cedar Springs basin. The C&O basin, which is located on City property north of Ten Mile and east of the CSX railroad tracks, serves a large area upstream along the Walled Lake Branch of the Middle Rouge River and is the final storm water detention basin upstream of Meadowbrook Lake. The Cedar Springs basin is located on City property east of Christina Lane north of Ten Mile Road and serves an area to the west including a portion of Cedar Springs Estates and extending west beyond Taft Road. These regional detention basins are maintained by the City of Novi and were identified as a high priority improvement in the 2007 Storm Water Master Plan Phase II. The basin locations are shown on the attached map.

The project will include retrofitting the basin control structures to restrict high frequency storms, the repair or replacement of pipes within the basins, improved access, and the stabilization of eroded areas. A sidewalk will be also constructed along the Ten Mile frontage of the C&O basin property.

Seven bids were received and opened on May 10, 2011 following a public bid solicitation period. The lowest bidder is Oak Construction. Oak's bid is recommended as being in the best interest of the City as it is responsive (i.e., Oak has complied with all requirements of the bidding instructions) and it is the lowest price. (URS's award recommendation letter including the bid tabulation dated May 16, 2011 is attached.) A summary of the seven bids is as follows:

Contractor	Total Bid Price
<b>Oak Construction</b>	<b>\$93,885</b>
ABC Paving	\$111,480
Weiss Construction	\$115,390
Erie Construction	\$120,565
Genesis Construction	\$125,205
V.I.L. Construction	\$153,901
Summit Transport	\$187,155

The project was included in the FY2009-10 capital improvement program with a budgeted amount of \$385,945, of which \$39,191 was awarded for design engineering, \$93,885 is now being recommended for award to Oak for construction, and \$28,097 is also recommended for award to URS for construction engineering services (a separate item on this agenda) for total contract awards in the amount of \$161,173. (The original scope of the project has decreased based on further study during the design phase).

Construction is scheduled to begin in summer 2011 and completion is anticipated by fall 2011.

**RECOMMENDED ACTION:** Approval to award a construction contract for the C & O and Cedar Springs Regional Storm Water Detention Basin Improvements project to Oak Construction, the low bidder, in the amount of \$93,885.

	1	2	Y	N
<b>Mayor Landry</b>				
<b>Mayor Pro Tem Gatt</b>				
<b>Council Member Fischer</b>				
<b>Council Member Margolis</b>				

	1	2	Y	N
<b>Council Member Mutch</b>				
<b>Council Member Staudt</b>				
<b>Council Member Wrobel</b>				

**MAP INTERPRETATION NOTICE**

Map information depicted is not intended to replace or substitute for any official or primary source. This map was intended to meet National Map Accuracy Standards and use the most recent, accurate sources available to the people of the City of Novi. Boundary measurements and area calculations are approximate and should not be construed as survey measurements performed by a licensed Michigan Surveyor as defined in Michigan Public Act 132 of 1970 as amended. Please contact the City GIS Manager to confirm source and accuracy information related to this map.

# City of Novi



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Feet

## C&O and Cedar Springs Detention Basin Improvements





May 16, 2011

Mr. Ben Croy P.E.  
Department of Public Services  
Field Services Complex  
26300 Delwal Drive  
Novi, MI 48375

**RE: Letter of Recommendation  
C&O and Cedar Springs Regional Detention Basin Improvements**

Dear Mr. Ben Croy:

URS Corporation has reviewed the bids received by your office on May 10, 2011 for the above referenced project. A total of 7 bids were received, ranging from \$115,410 to \$211,140 (including the crew day inspection allowance). The apparent low bidder was Oak Construction Corporation of Swartz Creek, MI. No informalities were identified in the bids received. A Bid Tabulation is attached.

As part of the bid review, URS contacted current and past clients of Oak Construction. The references contacted provided positive statements and satisfaction with the work Oak Construction has performed. URS also conducted a conference call with Oak Construction, reviewing their experience with similar projects and comfort level with the bid.

Based on our review of the bids, we recommend that the Contract be awarded to Oak Construction, in the amount of \$93,885.00 (The Bid price of \$115,410.00, less \$21,525.00 in Crew days).

If you should have any questions regarding this matter, please contact me.

Sincerely,

**URS CORPORATION**

Terry L. Woodward, P.E.  
Senior Project Manager

Enclosures

cc: Navid H. Mehram, URS  
Jan Hauser, URS

**BID TABULATION**

**Detention Basin Improvements  
C&O and Cedar Springs**

**Bid Opening:  
Location:**

**Tuesday, May 10, 2011, 3:00 P.M.  
City of Novi, Office of the City Clerk**

				Oak Construction Corporation		ABC Paving Company Corporation		Weiss Construction		Erie Construction an individual	
				7077 south Fork Drive Swartz Creek, MI 48473		2650 Van Horn Road Trenton, MI 48183		400 renaissance Center Suite 2170 Detroit, MI 48243		22051 Commerce Drive WoodHaven, MI 48183	
				810-644-2302 1		734-676-2020 2		313-567-4500 3		734-676-8689 4	
Attended Pre-Bid Meeting				N/A		N/A		N/A		N/A	
Acknowledgement of Addenda (2)				YES		YES		YES		YES	
Bid Bond (5%)				YES		YES		YES		YES	
Bidder's Qualification Form				YES		YES		YES		YES	
Affidavit of Non-Collusion											
List of Unit Prices				Unit Price		Unit Price		Unit Price		Unit Price	
<b>C&amp;O Basin</b>				<b>Bid Price</b>		<b>Bid Price</b>		<b>Bid Price</b>		<b>Bid Price</b>	
Soil Erosion and Sedimentation Cont	L.S	1	\$	2,000.00	2,000	\$	2,400.00	2,400	\$	3,600.00	3,600
Remove and Salvage Fencing and G	L.S	1	\$	2,000.00	2,000	\$	1,000.00	1,000	\$	900.00	900
Demolition and Removals	L.S	1	\$	2,000.00	2,000	\$	1,500.00	1,500	\$	8,100.00	8,100
Earthwork - Cut	C.Y	342	\$	30.00	10,260	\$	42.00	14,364	\$	19.00	6,498
Earthwork - Fill	C.Y	70	\$	30.00	2,100	\$	12.00	840	\$	29.00	2,030
Asphalt Maintenance Drive	S.Y	280	\$	30.00	8,400	\$	33.60	9,408	\$	35.00	9,800
Gravel Drive	S.Y	33	\$	20.00	660	\$	12.50	413	\$	20.00	660
Concrete Sidewalk - Std. Duty	L.F	300	\$	5.00	1,500	\$	25.00	7,500	\$	20.00	6,000
Concrete Sidewalk - Heavy Duty	L.F	23	\$	6.00	138	\$	25.00	575	\$	27.00	621
Split Post and Rail Fence	L.F	185	\$	16.00	2,960	\$	25.00	4,625	\$	12.00	2,220
Gate (28" Double Swing)	EA	1	\$	2,500.00	2,500	\$	1,150.00	1,150	\$	1,950.00	1,950
Stone Spillway	C.Y	3	\$	150.00	450	\$	100.00	300	\$	65.00	195
Concrete Spillway	S.F	36	\$	10.00	360	\$	14.25	513	\$	20.00	720
Porous Paving	S.Y	50	\$	60.00	3,000	\$	85.00	4,250	\$	92.00	4,600
Sheet Piling	S.F	220	\$	50.00	11,000	\$	53.00	11,660	\$	35.00	7,700
Bumper Block	L.F	12	\$	15.00	180	\$	19.00	228	\$	20.00	240
Type 1 Curb	L.F	50	\$	30.00	1,500	\$	23.00	1,150	\$	27.00	1,350
Curb Cut	L.F	51	\$	30.00	1,530	\$	28.50	1,454	\$	20.00	1,020
Plantings - Shrubs (24" to 36")	EA	28	\$	50.00	1,400	\$	52.00	1,456	\$	55.00	1,540
Live Stakes	L.S	185	\$	2,000.00	2,000	\$	14.00	2,590	\$	17.00	3,145
Bank Stabilization Seeding	S.Y	179	\$	3.00	537	\$	3.50	627	\$	1.60	286
Seeding and Mulching	AC	3	\$	500.00	1,500	\$	2.00	6	\$	1,350.00	4,050
Coir Logs	L.F	55	\$	15.00	825	\$	18.50	1,018	\$	18.00	990
Crew Days(See Section 01015)	Per Day		\$	615.00	25	\$	15,375	10	\$	6,150	8
Mobilization/Demobilization	L.S	1	\$	4,000.00	4,000	\$	8,750.00	8,750	\$	8,000.00	8,000
<b>Total=</b>				\$	<b>78,175</b>	<b>Total=</b>	\$	<b>83,925</b>	<b>Total=</b>	\$	<b>81,135</b>
<b>Cedar Springs Basin</b>											
Soil Erosion and Sedimentation Cont	L.S	1	\$	2,000.00	2,000	\$	350.00	350	\$	1,825.00	1,825
Demolition and Removals	L.S	1	\$	4,000.00	4,000	\$	900.00	900	\$	12,800.00	12,800
Outlet Modifications	L.S	1	\$	6,000.00	6,000	\$	5,000.00	5,000	\$	4,400.00	4,400
Slide Gate	EA	1	\$	7,000.00	7,000	\$	8,200.00	8,200	\$	5,900.00	5,900
Signage	EA	4	\$	200.00	800	\$	260.00	1,040	\$	85.00	340
Rip-Rap	C.Y	8	\$	300.00	2,400	\$	140.00	1,120	\$	160.00	1,280
Compacted Fill	C.Y	2	\$	200.00	400	\$	115.00	230	\$	29.00	58
Topsoil	C.Y	155	\$	30.00	4,650	\$	30.00	4,650	\$	17.00	2,635
Seeding	S.Y	1835	\$	1.00	1,835	\$	4.00	7,340	\$	1.60	2,936
Crew Days (See Section 01015)	Per Day		\$	615.00	10	\$	6,150	5	\$	3,075	4
Mobilization/Demobilization	L.S	1	\$	2,000.00	2,000	\$	4,875.00	4,875	\$	7,001.60	7,001
<b>Total=</b>				\$	<b>37,235</b>	<b>Total=</b>	\$	<b>36,780</b>	<b>Total=</b>	\$	<b>41,635</b>
Detention Basin Improvements for C&O and Cedar Spring Base Bid Inspection Reduction				\$	115,410	\$	120,705	\$	122,770	\$	129,790
				\$	21,525	\$	9,225	\$	7,380	\$	9,225
<b>Total Contract Price (less inspection)</b>				\$	<b>93,885</b>	\$	<b>111,480</b>	\$	<b>115,390</b>	\$	<b>120,565</b>

**BID TABULATION**

**Detention Basin Improvements  
C&O and Cedar Springs**

**Bid Opening:** Tuesday, May 10, 2011, 3:00 P.M.  
**Location:** City of Novi, Office of the City Clerk

				Genesis Construction Services Corporation		V.I.L Construction, Inc. Corporation		Summit Transport, In Corporation	
				45175 West Ten Mile Road Novi MI 48375		6670 Sims Drive Sterling Height, MI 48313		56711 Grand River New Hudson, MI 48072	
				586-329-1656		586-979-6020		248-486-3100	
				5		6		7	
Attended Pre-Bid Meeting				N/A		N/A		N/A	
Acknowledgement of Addenda (2)				YES		YES		YES	
Bid Bond (5%)				YES		YES		YES	
Bidder's Qualification Form				YES		YES		YES	
Affidavit of Non-Collusion									
<b>List of Unit Prices</b>									
<b>C&amp;O Basin</b>									
				<b>Unit Price</b>	<b>Bid Price</b>	<b>Unit Price</b>	<b>Bid Price</b>	<b>Unit Price</b>	<b>Bid Price</b>
Soil Erosion and Sedimentation Cont	L.S	1		\$ 1,000.00	\$ 1,000	\$ 2,500.00	\$ 2,500	\$ 4,500.00	\$ 4,500
Remove and Salvage Fencing and G	L.S	1		\$ 500.00	\$ 500	\$ 500.00	\$ 500	\$ 1,200.00	\$ 1,200
Demolition and Removals	L.S	1		\$ 6,200.00	\$ 6,200	\$ 3,750.00	\$ 3,750	\$ 16,800.00	\$ 16,800
Earthwork - Cut	C.Y	342		\$ 12.00	\$ 4,104	\$ 20.00	\$ 6,840	\$ 24.00	\$ 8,208
Earthwork - Fill	C.Y	70		\$ 69.00	\$ 4,830	\$ 8.00	\$ 560	\$ 30.00	\$ 2,100
Asphalt Maintenance Drive	S.Y	280		\$ 60.00	\$ 16,800	\$ 60.00	\$ 16,800	\$ 24.00	\$ 6,720
Gravel Drive	S.Y	33		\$ 18.00	\$ 594	\$ 10.00	\$ 330	\$ 28.00	\$ 924
Concrete Sidewalk – Std. Duty	L.F	300		\$ 25.50	\$ 7,650	\$ 17.00	\$ 5,100	\$ 26.00	\$ 7,800
Concrete Sidewalk – Heavy Duty	L.F	23		\$ 50.00	\$ 1,150	\$ 20.00	\$ 460	\$ 33.00	\$ 759
Split Post and Rail Fence	L.F	185		\$ 19.00	\$ 3,515	\$ 15.00	\$ 2,775	\$ 21.00	\$ 3,885
Gate (28' Double Swing)	EA	1		\$ 3,000.00	\$ 3,000	\$ 2,000.00	\$ 2,000	\$ 8,500.00	\$ 8,500
Stone Spillway	C.Y	3		\$ 220.00	\$ 660	\$ 100.00	\$ 300	\$ 200.00	\$ 600
Concrete Spillway	S.F	36		\$ 24.00	\$ 864	\$ 5.00	\$ 180	\$ 15.00	\$ 540
Porous Paving	S.Y	50		\$ 125.00	\$ 6,250	\$ 67.00	\$ 3,350	\$ 32.00	\$ 1,600
Sheet Piling	S.F	220		\$ 55.00	\$ 12,100	\$ 40.00	\$ 8,800	\$ 180.00	\$ 39,600
Bumper Block	L.F	12		\$ 50.00	\$ 600	\$ 25.00	\$ 300	\$ 12.00	\$ 144
Type 1 Curb	L.F	50		\$ 26.00	\$ 1,300	\$ 18.00	\$ 900	\$ 20.00	\$ 1,000
Curb Cut	L.F	51		\$ 25.00	\$ 1,275	\$ 19.00	\$ 969	\$ 30.00	\$ 1,530
Plantings – Shrubs (24" to 36")	EA	28		\$ 135.00	\$ 3,780	\$ 75.00	\$ 2,100	\$ 75.00	\$ 2,100
Live Stakes	L.S	185	1	\$ 8.00	\$ 1,480	\$ 10.00	\$ 1,850	\$ 35.00	\$ 6,475
Bank Stabilization Seeding	S.Y	179		\$ 5.65	\$ 1,011	\$ 8.00	\$ 1,432	\$ 5.50	\$ 985
Seeding and Mulching	AC	3		\$ 4,800.00	\$ 14,400	\$ 2,000.00	\$ 6,000	\$ 2,900.00	\$ 8,700
Coir Logs	L.F	55		\$ 27.00	\$ 1,485	\$ 20.00	\$ 1,100	\$ 15.00	\$ 825
Crew Days(See Section 01015)	Per Day		\$ 615.00	15	9,225	15	9,225	30	18,450
Mobilization/Demobilization	L.S	1		\$ 3,500.00	\$ 3,500	\$ 40,000.00	\$ 40,000	\$ 8,000.00	\$ 8,000
				<b>Total=</b>	<b>\$ 107,273</b>	<b>Total=</b>	<b>\$ 118,121</b>	<b>Total=</b>	<b>\$ 151,945</b>
<b>Cedar Springs Basin</b>									
Soil Erosion and Sedimentation Cont	L.S	1		\$ 400.00	\$ 400	\$ 1,500.00	\$ 1,500	\$ 4,500.00	\$ 4,500
Demolition and Removals	L.S	1		\$ 1,650.00	\$ 1,650	\$ 500.00	\$ 500	\$ 5,000.00	\$ 5,000
Outlet Modifications	L.S	1		\$ 6,100.00	\$ 6,100	\$ 4,250.00	\$ 4,250	\$ 8,500.00	\$ 8,500
Slide Gate	EA	1		\$ 6,900.00	\$ 6,900	\$ 7,500.00	\$ 7,500	\$ 9,500.00	\$ 9,500
Signage	EA	4		\$ 300.00	\$ 1,200	\$ 250.00	\$ 1,000	\$ 400.00	\$ 1,600
Rip-Rap	C.Y	8		\$ 165.00	\$ 1,320	\$ 300.00	\$ 2,400	\$ 400.00	\$ 3,200
Compacted Fill	C.Y	2		\$ 196.00	\$ 392	\$ 100.00	\$ 200	\$ 100.00	\$ 200
Topsoil	C.Y	155		\$ 35.00	\$ 5,425	\$ 30.00	\$ 4,650	\$ 30.00	\$ 4,650
Seeding	S.Y	1835		\$ 2.00	\$ 3,670	\$ 3.00	\$ 5,505	\$ 6.00	\$ 11,010
Crew Days (See Section 01015)	Per Day		\$ 615.00	10	6,150	10	6,150	9	5,535
Mobilization/Demobilization	L.S	1		\$ 100.00	\$ 100	\$ 17,500.00	\$ 17,500	\$ 5,500.00	\$ 5,500
				<b>Total=</b>	<b>\$ 33,307</b>	<b>Total=</b>	<b>\$ 51,155</b>	<b>Total=</b>	<b>\$ 59,195</b>
Detention Basin Improvements for C&O and Cedar Spring Base Bid				\$	140,580	\$	169,276	\$	211,140
Inspection Reduction				\$	15,375	\$	15,375	\$	23,985
<b>Total Contract Price (less inspection)</b>				\$	<b>125,205</b>	\$	<b>153,901</b>	\$	<b>187,155</b>