



CITY of NOVI CITY COUNCIL

Agenda Item 2
July 11, 2011

SUBJECT: Approval to award a construction contract for the Meadowbrook Lake Dam Improvement project to V.I.L. Construction, Inc., the low bidder, in the amount of \$400,261.

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

CITY MANAGER APPROVAL: *[Signature]*

EXPENDITURE REQUIRED	\$400,261
AMOUNT BUDGETED	\$310,000
APPROPRIATION REQUIRED	\$ 90,261 (to be included in 1st quarter budget amendment)
LINE ITEM NUMBER	210-211.00-865.685

BACKGROUND INFORMATION:

An engineering contract was awarded to URS in October 2007 for engineering services related to improvements to Meadowbrook Lake Dam that would address the dam's non-conformance issues and implement recommendations from a 2005 study to address downstream streambank erosion issues. The primary improvement needed involves increasing spillway capacity to prevent dam failure. The project will also improve the primary spillway, provide streambank stabilization and improvements downstream of the dam, and an upgraded pedestrian path designed to allow vehicular access to the dam for continued maintenance.

Staff worked with the Meadowbrook Lake Subdivision Association and affected property owners over the past few years to address their concerns about the project and acquire the easements necessary for project construction. Once the easements were acquired, the design was finalized and a revised MDEQ permit for the project was obtained.

While the City has never been the actual owner of the dam, the City has historically maintained it. Moving forward, the easements obtained will designate the City as the entity responsible for the dam, and will allow the City access and rights as necessary to properly maintain the dam and protect downstream properties.

Two bids were received and opened on June 28, 2011 following a public bid solicitation period. The low number of bidders was not unexpected due to the specialized and non-typical tasks involved in this project. The lowest bidder is V.I.L. Construction (VIL). VIL's bid is recommended as being in the best interest of the City as it is responsive [i.e., the bidder complied with all requirements of the bidding instructions] and it is the lowest price. (URS's award recommendation letter including the bid tabulation dated June 30, 2011 is attached.) A summary of the two bids is as follows:

Bidder	Total Bid Price*
V.I.L. Construction	\$400,261
Z Contractors	\$495,188

* Bid priced less crew day/inspection price.

The project was included in the FY2011-12 capital improvement program with a budgeted amount of \$310,000. \$400,261 is now being recommended for award to VIL, and \$48,616 is also recommended for award to URS for construction engineering services (a separate consent item on this agenda) for total contract awards in the amount of \$448,877.

V.I.L. recently completed improvements to the Randolph Street Drain in the City of Northville. As an Inter-County Drain that collects storm water run-off from a portion of the City of Novi, the City was assessed to pay its share of the project. DPS staff participated in Inter-County Drain Board meetings and can attest to V.I.L.'s good performance. Construction is scheduled to begin in summer 2011 and completion is anticipated by fall 2011.

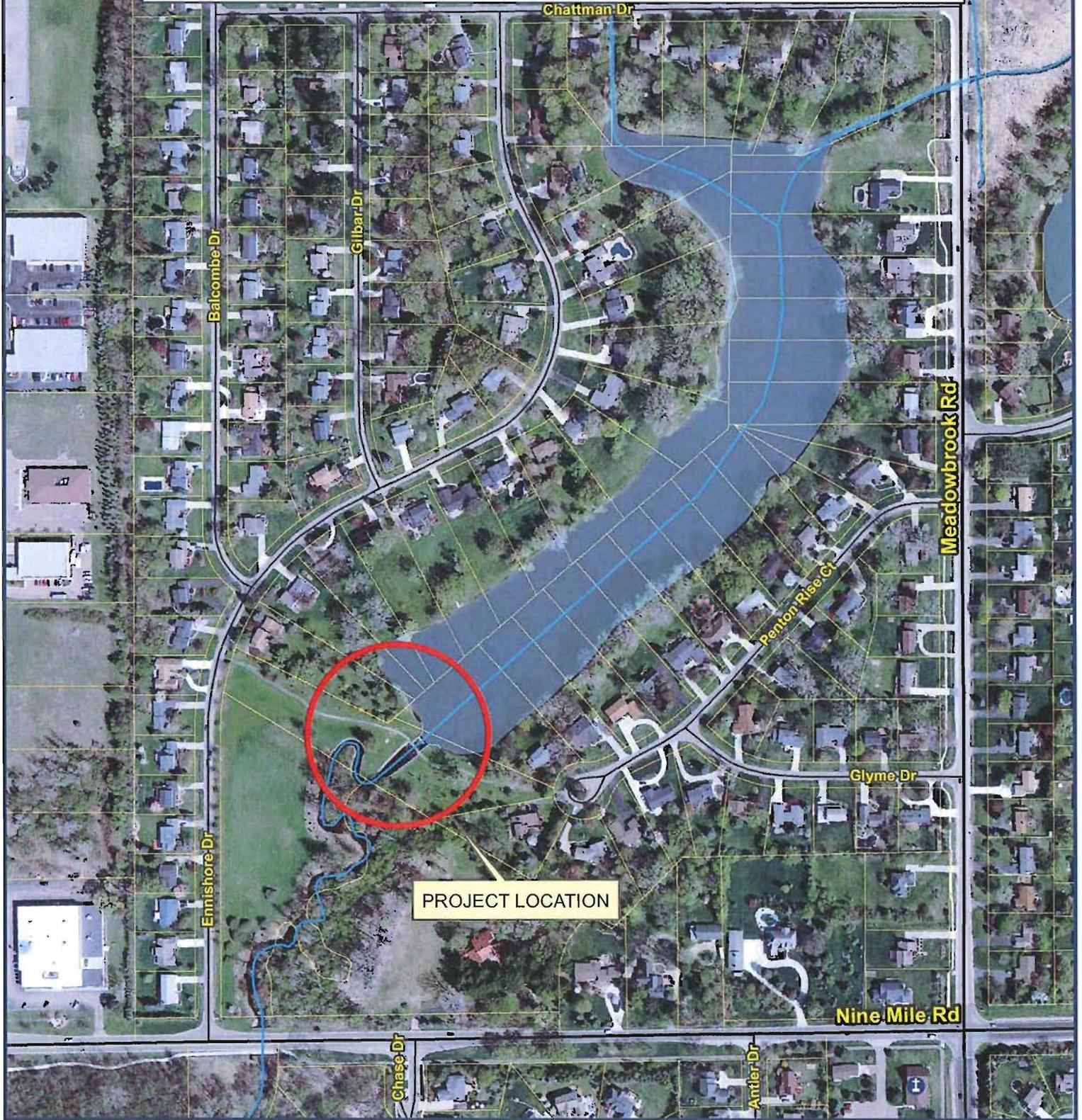
RECOMMENDED ACTION: Approval to award a construction contract for the Meadowbrook Lake Dam Improvement project to V.I.L. Construction, Inc., the low bidder, in the amount of \$400,261.

	1	2	Y	N
Mayor Landry				
Mayor Pro Tem Gatt				
Council Member Fischer				
Council Member Margolis				

	1	2	Y	N
Council Member Mutch				
Council Member Staudt				
Council Member Wrobel				

Meadowbrook Lake Dam Improvement Project

Location Map



Map Author: Croy
 Date: 6/28/11
 Project: Meadowbrook Lake Dam
 Version #: V1.0

Amended By: Place Name Here
 Date: Enter Date
 Department: Place here

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.

Map Legend



Feet

0 62.5 125 250 375 500

1 inch = 322 feet



City of Novi
 Department Division
 Department Name
 45175 W Ten Mile Rd
 Novi, MI 48375
 cityofnovi.org



June 30, 2011

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

**RE: Letter of Recommendation
Meadowbrook Lake Dam Renovations**

Dear Mr. Croy:

URS Corporation has reviewed the bids received by your office on June 28, 2011 for the above referenced project. A total of 2 bids were received, with bids ranging from \$424,861.00 to \$524,708.00 (including the crew day inspection allowance). The apparent low bidder was V.I.L Corporation of Sterling Heights, MI. No informalities were identified in the bids received. A Bid Tabulation is attached.

As part of the bid review, URS contacted past clients of V.I.L Construction. The references contacted provided positive statements and satisfaction with the work V.I.L Construction has performed. URS also conducted a conference call with V.I.L 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 V.I.L Construction, in the amount of \$400,261.00 (The Bid price of \$424,861.00, less \$24,600.00 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

URS Corporation
27777 Franklin Road, Suite 2000
Southfield, MI 48034
Tel: 248.204.5900
Fax: 248.204.5901

BID TABULATION

Meadowbrook Lake Dam Renovation

Bid Opening: Tuesday, June 28, 2011, 3:00 P.M.
Location: City of Novi, Office of the City Clerk

			V.I.L. Contractor Corporation		Z Contractors, INC.	
			6670 Sims Drive Sterling Heights, MI 48313		5200 Crystal Creek Lane Washington Twp, MI 48094	
			586-979-6020		586-255-2421	
			1		2	
Attended Pre-Bid Meeting			N/A		N/A	
Acknowledgement of Addenda (1)			YES		YES	
Bid Bond (5%)			YES		YES	
Bidder's Qualification Form			YES		YES	
Affidavit of Non-Collusion						
List of Unit Prices						
			Unit Price	Bid Price	Unit Price	Bid Price
General conditions	LS	1.00	\$ 65,000.00	\$ 65,000.00	\$ 19,000.00	\$ 19,000.00
Mobilization	LS	1.00	\$ 30,000.00	\$ 30,000.00	\$ 23,000.00	\$ 23,000.00
Soil Erosion Control Measures	LS	1.00	\$ 11,000.00	\$ 11,000.00	\$ 15,400.00	\$ 15,400.00
Tree, Brush Removal Including stumps	LS	1.00	\$ 5,000.00	\$ 5,000.00	\$ 4,500.00	\$ 4,500.00
Tree Relocation	EA	4.00	\$ 250.00	\$ 1,000.00	\$ 450.00	\$ 1,800.00
Electrical Demolition	LS	1.00	\$ 1,000.00	\$ 1,000.00	\$ 1,200.00	\$ 1,200.00
Asphalt Removal	SF	4,800.00	\$ 0.70	\$ 3,360.00	\$ 1.40	\$ 6,720.00
Concrete Removal	SF	837.00	\$ 8.00	\$ 6,696.00	\$ 3.50	\$ 2,929.50
By-Pass pumping & Flow Diversion	LS	1.00	\$ 12,500.00	\$ 12,500.00	\$ 125,000.00	\$ 125,000.00
Flap Gate Removal	EA	2.00	\$ 3,500.00	\$ 7,000.00	\$ 900.00	\$ 1,800.00
Spillway Swale Excavation	CY	150.00	\$ 30.00	\$ 4,500.00	\$ 26.66	\$ 3,999.00
Retaining wall Modification	LF	120.00	\$ 105.00	\$ 12,600.00	\$ 250.00	\$ 30,000.00
Hand Rails	LF	195.00	\$ 140.00	\$ 27,300.00	\$ 207.00	\$ 40,365.00
Fence	LF	12.00	\$ 25.00	\$ 300.00	\$ 92.00	\$ 1,104.00
Dam Embankment	CY	450.00	\$ 28.00	\$ 12,600.00	\$ 24.25	\$ 10,912.50
Emergency Spillway Control Structure	LS	1.00	\$ 25,500.00	\$ 25,500.00	\$ 35,000.00	\$ 35,000.00
Concrete Block Matting	SF	620.00	\$ 15.00	\$ 9,300.00	\$ 27.60	\$ 17,112.00
Bank Stabilization (Rip-Rap)	SY	217.00	\$ 180.00	\$ 39,060.00	\$ 95.00	\$ 20,615.00
Irrigation Pump & Piping Modifications	LS	1.00	\$ 4,000.00	\$ 4,000.00	\$ 1,600.00	\$ 1,600.00
Slide Gate	EA	2.00	\$ 19,000.00	\$ 38,000.00	\$ 18,000.00	\$ 36,000.00
6" Under Drain	LF	300.00	\$ 14.00	\$ 4,200.00	\$ 7.50	\$ 2,250.00
6" PVC Sch 40	LF	12.00	\$ 25.00	\$ 300.00	\$ 18.00	\$ 216.00
Concrete Pathway	SF	5,229.00	\$ 5.00	\$ 26,145.00	\$ 10.00	\$ 52,290.00
Grass Pavers	SY	375.00	\$ 60.00	\$ 22,500.00	\$ 55.00	\$ 20,625.00
Electrical New Work	LS	1.00	\$ 8,000.00	\$ 8,000.00	\$ 4,600.00	\$ 4,600.00
Remove/ Reset Bench	EA	2.00	\$ 200.00	\$ 400.00	\$ 575.00	\$ 1,150.00
Site Restoration	ACRE	2.00	\$ 11,500.00	\$ 23,000.00	\$ 8,000.00	\$ 16,000.00
Crew Days	PER DAY		\$ 40.00	\$ 24,600.00	\$ 48.00	\$ 29,520.00
			Total=	\$ 424,861.00	Total=	\$ 524,708.00
Meadowbrook Lake Dam Renovation				\$ 424,861.00		\$ 524,708
Inspections Reduction				\$ 24,600.00		\$ 29,520
Total Contract Price				\$ 400,261.00		\$ 495,188