

February 13, 2006

TO: John Szerlag, City Manager

FROM: Brian Murphy, Assistant City Manager/Services
Steven J. Vandette, City Engineer 

SUBJECT: **AGENDA ITEM** - Standard Purchasing Resolution #2: Bid Award - Lowest Bidder Meeting Specifications - Contract 06-3 – Ferry Drain Restoration

RECOMMENDATION

It is recommended that City Council award a contract for the Ferry Drain Restoration project to the lowest acceptable bidder: D & J Lawn & Snow, Inc.; 22750 Macomb Industrial Drive, Clinton Twp., MI, 48036, for their low bid of \$76,882.25; contingent upon submission of proper proposal and bid documents, including insurance certificates, bonds and all specified requirements.

In addition, we are requesting authorization to approve additional work, if needed, not to exceed 10% of the original project cost.

PROJECT INFORMATION

For many years, the Ferry Drain that flows south across South Boulevard from Rochester Hills has had some streambank erosion, adjacent to residential properties immediately south of South Boulevard. Prior to 2002, residents contacted the City with requests for assistance. In addition, both residents and City staff contacted the Oakland County Drain Commissioner's Office (OCDC) regarding this issue.

In 2004, City Council approved Resolution #2004-09-491, finalizing plans and specifications for the Section 2 Ferry Drain Restoration.

City staff collaborated with the OCDC and Hubbell, Roth and Clark, Inc. to design a restoration project that would stabilize the streambank and prevent erosion. This design will restore the streambanks and utilize bioengineering techniques to stabilize the banks against any erosion from high stormwater flows. The project includes 200 native shrubs, five (5) native trees and a wet prairie seed mix that will improve the aesthetic of the stream channel and function as bioengineering mechanisms.

Bids were received and publicly read on February 7, 2006. The lowest bidder meeting specifications was D & J Lawn & Snow, Inc., 22750 Macomb Industrial Drive, Clinton Twp., MI, 48036; as can be seen in the attached tabulation of bids.

All work shall be substantially complete by June 1, 2006. Substantial completion shall be defined as having all heavy equipment being removed from the site. Final project completion including seeding, plantings, clean-up and surface restoration shall be complete by June 20, 2006.

The engineer's estimate for the project at the time of bidding was \$80,853.00. The corrected low bid difference is \$3,970.50 or 4.91% under the engineer's estimate.

EXPLANATION OF BID NOT MEETING SPECIFICATIONS

K & S Piling Company's bid of \$74,788.60 was rejected due to the unacceptable terms and conditions described in a letter that was submitted with their bid. These conditions included exclusions and transfers of responsibility to others for locating and protecting underground utilities, protection of any utilities that interfere with the work and restoration of walks, curbs, and pavement. These conditions are contrary to the project specifications that require the contractor to protect, secure and support utilities and protect and repair pavement, curbs and other items (Section 5 of General Conditions, Section 3.03 of Site Clearing and Section T of General Conditions). Accordingly, a letter rejecting their bid has been sent.

FUNDING

Funds for this work are included in the Engineering Department 05/06 Drains capital fund, account number 401516.7989.1000. The budgeted amount includes funds for construction, inspection and contingencies.

12 - Bids Sent / 7 - Bids Rec'd

Prepared by: Jennifer Lawson, Environmental Specialist

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BID TABULATION
 FERRY DRAIN STREAMBANK RESTORATION
 CITY OF TROY
 OAKLAND COUNTY, MICHIGAN

Bids Due: 02/07/2006
 HRC Job # 20040607

**Engineer's
 Estimate**

D & J Landscape
 22750 Macomb Industrial Drive
 Clinton Township, Michigan 48036

Hi- Tech Landscaping
 11856 Newman Road
 Brighton, Michigan 48114

Item	Quantity		Unit Price	Total Cost	Unit Price	Total Cost	Unit Price	Total Cost
1 Project Mobilization (5% Max.)	1	LS	\$2,500.00	\$2,500.00	\$3,625.00	\$3,625.00	\$4,167.00	\$4,167.00
2 Soil Erosion and Sedimentation Control	1	LS	\$2,000.00	\$2,000.00	\$3,950.00	\$3,950.00	\$2,400.00	\$2,400.00
3 Tree Protection	1	LS	\$500.00	\$1,000.00	\$750.00	\$750.00	\$1,000.00	\$1,000.00
4 Slope Earthwork	120	cyd	\$25.00	\$3,000.00	\$87.50	\$10,500.00	\$100.00	\$12,000.00
5 Tree Removal - 8" Diameter	1	ea	\$500.00	\$500.00	\$350.00	\$350.00	\$300.00	\$300.00
6 Tree Removal - 12" Diameter	1	ea	\$800.00	\$800.00	\$450.00	\$450.00	\$500.00	\$500.00
7 Straw Erosion Control Mat (NAGS75BN or Equivalent)	400	syd	\$2.00	\$800.00	\$1.88	\$750.00	\$2.50	\$1,000.00
8 Coir/Straw Erosion Control Mat (NAGS150BN or Equivalent)	500	syd	\$2.50	\$1,250.00	\$2.50	\$1,250.00	\$3.20	\$1,600.00
9 Coir Fiber Roll - 12" Dia.	850	lft	\$40.00	\$34,000.00	\$13.75	\$11,687.50	\$10.00	\$8,500.00
10 Artificial Riffle w/6" to 12" Natural Stone	48	cyd	\$100.00	\$4,800.00	\$200.00	\$9,600.00	\$100.00	\$4,800.00
11 Stone Bank Stabilization w/12" to 18" Stone	45	cyd	\$180.00	\$8,100.00	\$227.00	\$10,215.00	\$150.00	\$6,750.00
12 Storm Outfall Riprap Stabilization	5	cyd	\$75.00	\$375.00	\$195.00	\$975.00	\$100.00	\$500.00
13 Stone Deflector Weir	5	cyd	\$100.00	\$500.00	\$195.00	\$975.00	\$100.00	\$500.00
14 Swamp White Oak - 2 1/2" Caliper	2	ea	\$420.00	\$840.00	\$475.00	\$950.00	\$500.00	\$1,000.00
15 River Birch - (Multi stemmed - 12' Height 3 stems minimum)	3	ea	\$345.00	\$1,035.00	\$400.00	\$1,200.00	\$400.00	\$1,200.00 *
16 Common Lake Sedge Seed	0.5	oz	\$100.00	\$50.00	\$50.00	\$25.00 *	\$300.00	\$300.00
17 River Bulrush Seed	0.5	oz	\$100.00	\$50.00	\$25.00	\$12.50 *	\$300.00	\$300.00
18 Joe Pye Weed Seed	0.5	oz	\$100.00	\$50.00	\$25.00	\$12.50 *	\$300.00	\$300.00
19 Swamp Milkweed Seed	0.5	oz	\$100.00	\$50.00	\$25.00	\$12.50 *	\$300.00	\$300.00
20 Seedbox Seed	0.5	oz	\$100.00	\$50.00	\$25.00	\$12.50 *	\$300.00	\$300.00
21 Blue Flag Iris Seed	0.5	oz	\$100.00	\$50.00	\$25.00	\$12.50 *	\$300.00	\$300.00
22 Monkey Flower Seed	0.5	oz	\$100.00	\$50.00	\$25.00	\$12.50 *	\$300.00	\$300.00
23 Blue Vervain Seed	0.5	oz	\$100.00	\$50.00	\$25.00	\$12.50 *	\$300.00	\$300.00
24 Common Arrowhead Seed	0.5	oz	\$100.00	\$50.00	\$25.00	\$12.50 *	\$300.00	\$300.00
26 Button Bush (24" to 30", Container Grown)	33	ea	\$50.00	\$1,650.00	\$50.00	\$1,650.00	\$100.00	\$3,300.00
27 Inkberry (24" to 30", Container Grown)	33	ea	\$49.00	\$1,617.00	\$50.00	\$1,650.00	\$100.00	\$3,300.00
28 Common Winterberry (24" to 30", Container Grown)	34	ea	\$48.00	\$1,632.00	\$55.00	\$1,870.00	\$100.00	\$3,400.00

Engineer's
Estimate

D & J Landscape
22750 Macomb Industrial Drive
Clinton Township, Michigan 48036

Hi- Tech Landscaping
11856 Newman Road
Brighton, Michigan 48114

Item	Quantity		Unit Price	Total Cost	Unit Price	Total Cost	Unit Price	Total Cost
29 Big Blue Stem Seed	5.5	oz	\$100.00	\$550.00	\$25.00	\$137.50 *	\$300.00	\$300.00
30 Switchgrass Seed	0.5	oz	\$100.00	\$50.00	\$25.00	\$12.50 *	\$300.00	\$300.00
31 Black-Eyed Susan Seed	0.5	oz	\$100.00	\$50.00	\$25.00	\$12.50 *	\$300.00	\$300.00
32 New England Aster Seed	0.5	oz	\$100.00	\$50.00	\$25.00	\$12.50 *	\$300.00	\$300.00
33 Indiangrass Seed	0.5	oz	\$100.00	\$50.00	\$25.00	\$12.50 *	\$300.00	\$300.00
34 Prairie Cordgrass Seed	0.5	oz	\$100.00	\$50.00	\$25.00	\$12.50 *	\$300.00	\$300.00
35 Cardinal Flower Seed	0.5	oz	\$100.00	\$50.00	\$64.50	\$32.25 *	\$300.00	\$300.00
36 Purple Coneflower Seed	0.5	oz	\$100.00	\$50.00	\$25.00	\$12.50 *	\$300.00	\$300.00
37 Red Twigged Dogwood (24" to 30", Container Grown)	33	ea	\$42.00	\$1,386.00	\$44.00	\$1,452.00	\$100.00	\$3,300.00
38 American Elderberry (24" to 30", Container Grown)	33	ea	\$50.00	\$1,650.00	\$44.00	\$1,452.00	\$100.00	\$3,300.00
39 Serviceberry (Multi stemmed - 10' Height 3 stems minimum)	34	ea	\$252.00	\$8,568.00	\$279.00	\$9,486.00	\$500.00	\$17,000.00
40 Cover Crop Seeding (Barley)	1000	syd	\$0.50	\$500.00	\$0.95	\$950.00	\$3.00	\$3,000.00
41 Video Record (Bidder Added)	1	ea	\$1,000.00	\$1,000.00	\$775.00	\$775.00		
TOTAL AMOUNT OF BID				\$80,853.00		\$76,882.25 *		\$87,917.00 *

* Corrected By Engineer

Additional Bidders:

Donato Landscape \$87,805.00
Yates Construction \$105,760.00
Acme Construction \$114,500.00
United Lawnscape, Inc. \$120,061.00
K & S Piling Company

Non-Responsive Bidder → BID REJECTED ?

ENGINEER:

Hubbell, Roth & Clark, Inc.
555 Hulet Drive
P.O. Box 824
Bloomfield Hills, MI 48083-0824