

May 5, 2005

TO: John Szerlag, City Manager

FROM: Brian P. Murphy, Assistant City Manager/Services
Jeanette Bennett, Purchasing Director
Gert Paraskevin, IT Director
Timothy L. Richnak, Public Works Director

SUBJECT: **Agenda Item** – Sole Source – ISCO 2150 Sewer Flow Meters

RECOMMENDATION

City management requests approval to purchase nine (9) ISCO 2150 Flow Meters, one (1) ISCO Flowlink 4.1 Windows Software, and one (1) RSR232 communication cable, as listed on Appendix I, from Hamlet Engineering Sales Company, (HESCO) of Warren, MI, the sole distributor for Teledyne ISCO products in Michigan, at an estimated total cost of \$31,275.

BACKGROUND

The City of Troy applied for and received grant money from the Rouge River National Wet Weather Demonstration Project for reducing Sanitary Sewer Overflows (SSO) into the Rouge River by eliminating sources of inflow and infiltration (I/I) in the Evergreen Farmington Sewer District System (EFSDS). As part of this grant, the City is required to purchase sewer meters. The Troy City Council approved the Interagency Agreement with Wayne County on February 21, 2005, (CC Res# 2005-02-083-E12). The total project cost is estimated at \$525,000 with the City' share being approximately \$315,000 and the grant reimbursing approximately \$210,000.

As part of this grant, Hubbell, Roth and Clark, Inc., (HRC) the engineering consultant for the City of Troy, will be completing a sewer system evaluation study, which requires sewer metering to help locate the sources of I/I. To achieve these results, HRC recommends purchasing the ISCO metering product.

The ISCO product design is easier and quicker to use in the field, and improves data reliability by reducing the chances for failures and the need for rereads. Data transfer is more efficient by reducing potential errors and accelerating the data review process. ISCO uses a digital signal versus analog; a cleaner more efficient signal that requires less power and produces better data. Furthermore, the flow meters have the capability to achieve a finer data resolution, providing higher data accuracy.

BUDGET

Funds covering \$10,485.00 of the estimated cost will be available through Sewer Fund Capital account #535.7973.054015 with 40% of that to be reimbursed by the federal grant. The remaining balance of \$20,790.00 will be funded through the Sewer Fund Capital account #535.7973.994045.

Prepared by: Dana Calhoun, Storm Water Engineer
Emily Frontera, Administrative Aide

Appendix I
Detailed Cost Estimate

<u>Qty</u>	<u>Item</u>	<u>Price</u>	<u>Total</u>
9	2150 Flow Module w/2191 Battery	\$3,311.51	\$29,803.59
1	RS232 Communication Cable 10ft	\$ 189.50	\$ 189.50
1	Flowlink 4.1 Windows Software	\$1,132.26	\$ 1,132.26
1	Freight Standard Ground	\$ 150.00	\$ 150.00
Total Estimated Cost			\$31,275.35



FAX

28838 Van Dyke • Warren, MI 48093
Phone: 586-978-7200 • Fax: 586-978-2200
www.hesco-mi.com

To: Emily	From: Kevin
Fax: 248-524-3520	Pages: 1
Phone:	Date: 5/9/2005
Re:	CC:

Urgent **For Review** **Please Comment** **Please Reply** **Please Recycle**

• Comments:

Emily,

Here is the updated quote.

Warranty is 1 year from date of shipment.

Product Assistance is available locally from HESCO by calling us and asking us to help. You can also call Isco directly and they have an excellent technical support staff that will assist you at no charge for the lifetime of your equipment.



Quote Number: 1234

28838 Van Dyke Avenue

Send Order To:

Warren, MI 48093
Phone: 586-978-7200 Fax: 586-978-2200

Teledyne Isco
4700 Superior Street

Lincoln, NE 68504

Quotation

Quote For: Emily Frontera

Ship To:

City of Troy
4693 Rochester Road

Troy, MI 48085

Phone:
Fax:

Hubbel, Roth & Clark, inc.
2001 Centerpoint Pkwy
Suite 109
Pontiac, MI 48341

Quote Date	5/3/2005
Ship Date	
FOB	Factory

Salesrep	Glenn Hummel
Terms	Net 30
Shipvia	Best Way

Line	Qty	ItemCode	ItemName	Price	SalesTax	Total
1	9	68-2050-002	2150 Flow Module w/ 2191 Battery Includes area velocity sensor with 10 ft. level measurement range and 25 ft. of cable, 2 battery holders, and carrying handle with suspension strap. Also includes instruction manual and coupon for free Isco Open Channel Flow Measurement Handbook.	\$3,495.00	\$0.00	\$29,803.59
2	1	60-2004-046	RS232 Communications Cable for Connects 2100 Series Module with PC via 9-pin connector. Length: 10 ft.	\$200.00	\$0.00	\$189.50
3	1	60-2544-052	Flowlink 4.1 for Windows Software Version 4.1, For retrieving flow, rainfall, parameter and sample data from Isco 2150 Flow Modules, 4100 series flow loggers, 4200 series flow meters, 6700 series samplers, 675 Logging rain gauges, and 581 rapid transfer device. Operates on IBM PC or compatible computers with Microsoft Windows 95, 98, NT, and XP.	\$1,195.00	\$0.00	\$1,132.26

Not Included: Taxes, installation, supervision or labor, external piping or wiring, or anything not specifically mentioned as included
Terms: Net 30 days
Warranty: 1 year from date of shipment
Start up is not included unless specifically detailed on quotation. HESCO will provide product and software support at no additional charge.

SubTotal:	\$31,275.35
Tax:	\$0.00
Shipping:	\$0.00
Total:	\$31,275.35

<i>Line</i>	<i>Qty</i>	<i>ItemCode</i>	<i>ItemName</i>	<i>Price</i>	<i>SalesTax</i>	<i>Total</i>
4	1	FREIGHT8	Standard Ground Freight Rate For Total Order Value \$25,000.00 - \$49,999.99	\$150.00	\$0.00	\$150.00

Not Included: Taxes, installation, supervision or labor, external piping or wiring, or anything not specifically mentioned as included

Terms: Net 30 days

Warranty: 1 year from date of shipment

Start up is not included unless specifically detailed on quotation. HESCO will provide product and software support at no additional charge.

SubTotal: \$31,275.35

Tax: \$0.00

Shipping: \$0.00

Total: \$31,275.35

b) Preliminary Site Plan Review (SP 883-C) – Heartland Health Care, Southeast Corner of South Boulevard and Livernois, Section 3 – O-1 and R-1B

Resolution #2005-02-083-E-11b

RESOLVED, That Preliminary Site Plan Approval for a proposed 120-bed nursing home, located on the southeast corner of South Boulevard and Livernois Road within Section 3, in the O-1 and R-1B Zoning Districts, being approximately 3.78 acres in size, is hereby **APPROVED**, as recommended by the Planning Commission and City Management.

E-12 Interagency Agreement with Wayne County for the Local Sanitary Sewer Improvements to Reduce Sanitary Sewer Overflows (SSOs) in the Evergreen Farmington System Project

Resolution #2005-02-083-E-12



NOTE

WHEREAS, The City of Troy applied for and received a Certificate of Coverage from the Michigan Department of Environmental Quality for the Watershed Based Storm Water Permit; and

WHEREAS, The goal of identifying and eliminating sanitary sewer overflows (SSO) in the Evergreen Farmington Sewer District was listed as part of the efforts to restore the Rouge River in the Storm Water Pollution Prevention Initiative of the Watershed Based Storm Water Permit; and

WHEREAS, The City of Troy obtained grant funding for the local sanitary sewer improvements to reduce SSOs in the Evergreen Farmington System from the Rouge River National Wet Weather Demonstration Project and Wayne County.

NOW, THEREFORE, BE IT RESOLVED, That the agreement between Wayne County and the City of Troy for the Rouge SSO Grant is hereby **APPROVED** with the City share being \$315,000 of the total \$525,000 project cost. The City of Troy's share would be funded by the Capital Sewer account and the Mayor and the City Clerk are hereby **AUTHORIZED TO EXECUTE** the Interagency Agreement documents.

E-13 Education and Training Budget for City Council

a) Travel Authorization and Approval to Expend Funds for Troy City Council Member Lambert's Travel Expenses - National League of Cities Congress of Cities Conference and National League of Cities Leadership Summit

Resolution # 2005-02-083-E-13a

RESOLVED, That Council Member Lambert is **AUTHORIZED** to attend the National League of Cities 2005 Congress of Cities Conference in Charlotte, NC from December 6-10, 2005 and the National League of Cities Leadership Summit in Cambridge, MA from August 25-27, 2005 in accordance with accounting procedures of the City of Troy.