

PURCHASING & LICENSING COMMITTEE

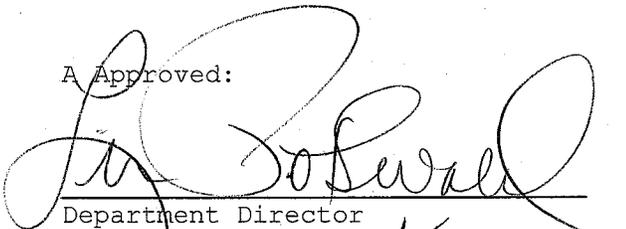
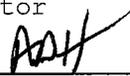
11-0236R

RESOLUTION AUTHORIZING A CONTRACT WITH ENGLE FABRICATION, INC., FOR THE REFURBISHING OF WATER TANKS AND SHEET METAL ON TWO FLUSHERS 3750 AND 3751 IN THE AMOUNT OF \$104,448.94.

CITY PROPOSAL:

RESOLVED, that city officials are hereby authorized to contract with Engle Fabrication, Inc., for the refurbishing of water tanks and sheet metal on two flushers 3750 and 3751 for the fleet services division in accordance with city-approved specifications and the vendor's quote of \$97,730.00 plus \$6,718.94 sales tax for a total amount of \$104,448.94, payable from Capital Equipment Fund 250, Dept./Agency 015 (Admin. Services), Div. 2011 (Fiscal Year), Obj. 5580, Proj. No. CE250-V1104.

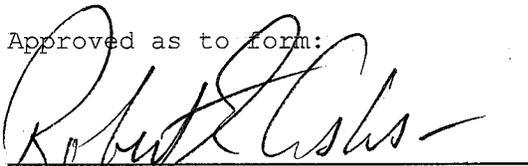
Approved:


Department Director
Purchasing Agent 

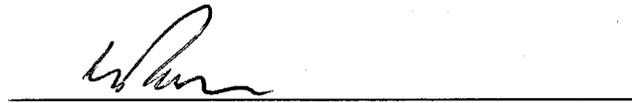
Approved for presentation to council:


Chief Administrative Officer

Approved as to form:


Attorney

Approved:


Auditor

FLEET/PRCH DS:le 05/02/2011

STATEMENT OF PURPOSE: This resolution authorizes a contract with Engle Fabrication, Inc., for the refurbishing of water tanks and sheet metal on two flushers 3750 and 3751 in the amount of \$104,448.94, payable from the capital equipment fund. The purpose is to retrofit existing trucks in lieu of purchasing complete replacement vehicles.

The purchasing division posted a request for bid March 18, 2011, on the city's website, and received two complete bids by the closing date.

Both bids were carefully reviewed by the fleet services division. It was determined that Engle Fabrication, Inc., was the best value for the cost. A detailed statement and bid tabulation is attached to this resolution.

The repairs must be made this year before they deteriorate to a level that make the trucks unusable.

Flusher Tank Retrofit Bid No. 11-0228 Bid Opening April 14, 2011		
Vendor	City/State	Base Bid
Ruffridge-Johnson Equipment Company, Inc.	Minneapolis, Minnesota	\$74,116.00
Engle Fabrication, Inc.	Sauk Centre, Minnesota	\$97,730.00

Requisition 11-0228



City of Duluth
Maintenance Operations
Fleet Services
4825 Mike Colalillo Drive, Duluth, MN 55807
218-730-4450

Inter-Department Correspondence

TO: Dennis Sears - Purchasing
FROM: Arlen Bordenkircher – Fleet Services
SUBJECT: Flusher Tank Truck Retrofit
DATE: April 28, 2011

After reviewing the two bids for the Flusher Truck Retrofit, it was decided to accept the bid from Engle Fabrication to complete the work to refurbish two City of Duluth Street Flushers. The final decision was based on the total work offered by bid from each vendor as well as the estimated life expectancy of stainless versus galvanized. The bid from Engle Fabrication was a total retrofit project price with little or no optional charges. The bid from Ruffridge-Johnson was a retrofit including additional options. Once the two totals were compared, Ruffridge-Johnson was still low bid, but the price difference for a stainless steel conversion provided by Engle Fabrication was not that great compared to the value. It is my belief that having the two tanks retrofitted in stainless steel rather than galvanized will allow us a greater return on investment in tank life expectancy. It is very difficult to say exactly how long either new tank will last, but estimating the galvanized tank to last 10 – 12 years, and the stainless steel tank to last 20 plus years, the cost per year on the stainless is significantly less. It will be less costly to replace only a cab and chassis in 10 years or so, than a complete flusher.

**Street Flusher Tank Retrofit
Units #3750 & 3751**

Galvanized Steel

Stainless Steel

**Ruffridge-Johnson
Minneapolis, MN 55414
612-378-9558**

**Engle Fabrication
Sauk Center, MN 56378-9985
320-352-6553**

Remove and install new water tank
and rear enclosure per bid specs.

\$37,058.00

\$48,865.00

Options:

Replace Spraybar

\$785.00

Included

Chassis Frame Repair @ \$97 Hr
based on 40 hrs.

\$3,880.00

Included

Heavy Duty Rear Bumper

N/A

Included

Work / Flood Lights

Use existing

New lights included
New Strobe light - Included

Tool Box

Optional

Tool box to match existing

Stainless steel tank to pump line

Total Quote per each

\$41,723.00

\$48,865.00

Total per package w/tax

\$79,211.48

\$104,448.94

Estimated Cost per year

10 yr @ \$7,411.60

20 yr @ \$4,886.50

(Cost Difference \$25,237.46)

\$48,865 X 2 = \$97,730.00

MN State Tax \$,6718.94

Grand Total \$104,448.94