



CITY of NOVI CITY COUNCIL

www.cityofnovi.org

**Agenda Item G
August 27, 2007**

SUBJECT: Approval to accept proposal by DualTemp Mechanical & Refrigeration for iron filtration of the irrigation system at Meadowbrook Commons, as recommended by Keystone Management Group in the amount of \$26,260.00.

SUBMITTING DEPARTMENT:

CITY MANAGER APPROVAL 

EXPENDITURE REQUIRED	\$26,260
AMOUNT BUDGETED	n/a (Capital Item)
APPROPRIATION REQUIRED	\$26,260
LINE ITEM NUMBER	594-00.00-138.000

BACKGROUND INFORMATION: Keystone Management Group obtained three bids for iron filtration of the irrigation system at Meadowbrook Commons. Staff reviewed all bids, and are confident that DualTemp Mechanical & Refrigeration can meet the facility's quality standards and is the only company that guarantees the removal of all rust, manganese and hydrogen sulfide from the water. The precipitates from this are then filtered out in the granular bed and then removed by the backwashing. The rust in the water system now leaves stains on sidewalks, roads and signage. A bid tabulation sheet, a recommendation letter from Cheryl Zagorski of Keystone Management Group and the iron filtration proposal is attached.

The City includes capital items in the recommended budget which are covered by rental income.

RECOMMENDED ACTION: Approval to accept proposal by DualTemp Mechanical & Refrigeration for iron filtration of the irrigation system at Meadowbrook Commons, as recommended by Keystone Management Group in the amount of \$26,260.00.

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

	1	2	Y	N
Council Member Mutch				
Council Member Nagy				
Council Member Paul				



August 13, 2007

To: Randy Auler

From: Cheryl A. Zagorski

Subject: Summary of Iron Filtration for Irrigation System

Keystone has obtained three bids for iron filtration of the irrigation system at Meadowbrook Commons. Our recommendation is to accept the proposal from DualTemp Mechanical and Refrigeration for the following reasons

1. DualTemp's proposal is competitive.
2. DualTemp provided us with references. Those references verified that DualTemp has demonstrated the ability to perform to the highest standard.

Respectfully submitted,

A handwritten signature in cursive script that reads "Cheryl A. Zagorski".

Cheryl A. Zagorski
Community Manager
Meadowbrook Commons

Meadowbrook Commons Iron Filtration for Irrigation System

Contractor	Total
Dual Temp	\$26,260.00
Quality Water & Air	Incomplete
H.V. Burton	Incomplete

Submitted: 8/13/07



33798 Capitol • Livonia, MI 48150
Phone: (734) 513-5800 • Fax: (734) 513-5804
Meadowbrook Commons
25075 Meadowbrook Road
Novi, MI 48375

Date: January 31, 2007

Attn: Ron Boyke

Re: Iron filtration for irrigation system.

Thank you for the opportunity to present a proposal for the labor and equipment for your irrigation system

Included:

1. Two (2) 30" diameter x 72" high composite fiberglass Iron Filter Tanks. The tanks each include an all plastic, non-clogging type lower distribution system and all required gravel support media.
2. Two (2) 2" factory mounted and wired, automatic electronic meter initiated cycle controllers for control of the regeneration cycle for each filter. Both filters are in service but regeneration will be alternated so that one unit is always on-line.
3. Fifteen cubic feet of high flow MTM granular manganese dioxide filtering media in each tank.
4. One 24" diameter x 40" high potassium tank.
5. Accessories include a water hardness test kit, pressure gauges and sampling cocks.
6. All instruction manuals and guarantees.
7. Installation by us and factory start up services by an Artesian factory representative.
8. After one month of running, we will return and check that the system is operating as designed.

Excluded:

1. Electrical. Each of the power heads on the filter tanks has a 110 volt plug that will require a 110 volt electrical outlet. (If an outlet is nearby, then electrical is not an issue)

Notes:

Ron, this system will filter the water and remove the iron, manganese and hydrogen sulfide from the water. The precipitates from this are then filtered out in the granular bed and then removed by the backwashing. Once this system is set up, it will virtually run itself. The filter media will not need to be changed but once every 10 (ten) years.

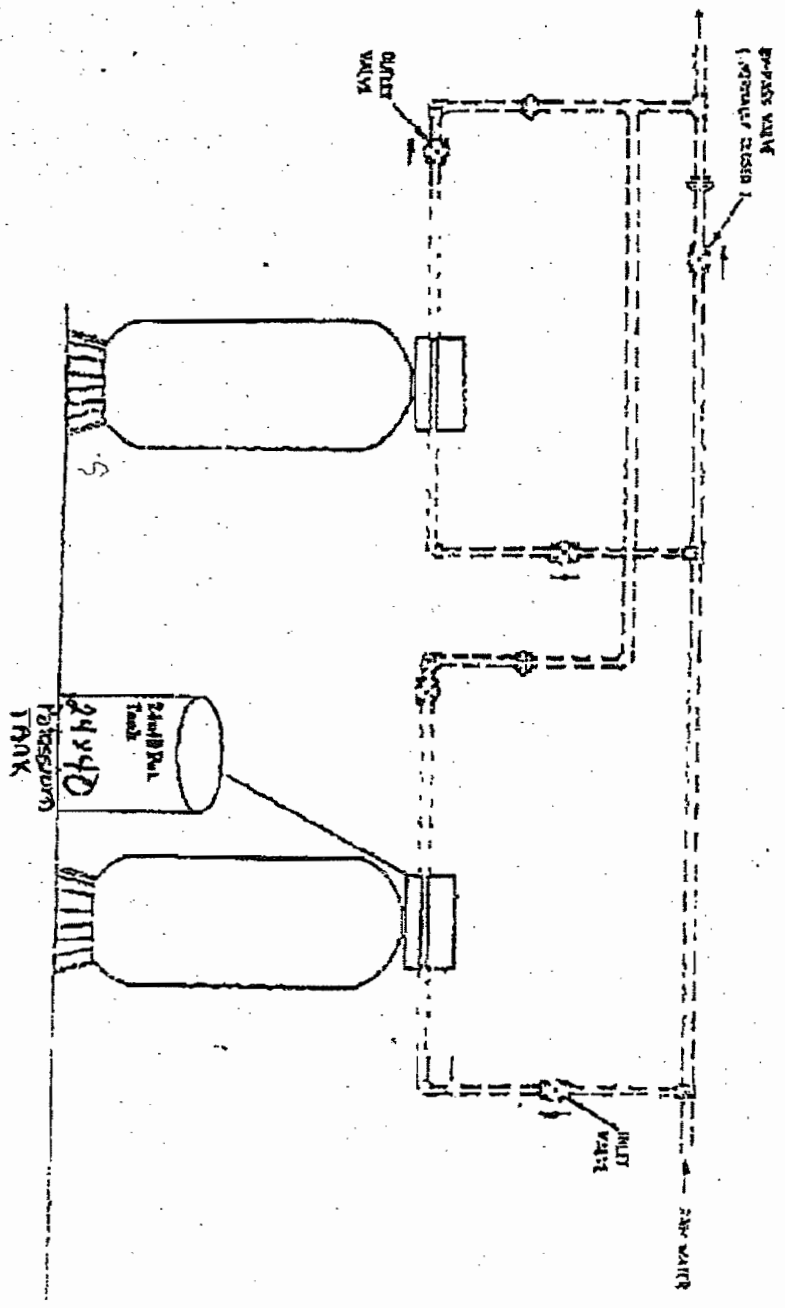
Total for equipment and installation and start up\$ 26, 260.00

Sincerely,

A handwritten signature in black ink, appearing to read "Steven J. Matson".

Steven J. Matson
Dual Temp Mechanical

Received Time Jan. 30. 9:49AM



Model	Pipe Size	Tank Size	Potassium Tank Size	WTN
SP. FKJMS-24-8-Tank	2"	30X82	24V4D	15 EACH