



**PUBLIC AGENDA
STANDING POLICY COMMITTEE
ON ENVIRONMENT, UTILITIES
AND CORPORATE SERVICES**

Tuesday, August 18, 2015, 2:00 p.m.

Council Chamber, City Hall

Committee Members:

Councillor Z. Jeffries, (Chair), Councillor E. Oluson, (Vice-Chair), Councillor A. Iwanchuk, Councillor M. Loewen, Councillor P. Lorje, His Worship Mayor D. Atchison (Ex-Officio)

Pages

1. CALL TO ORDER

2. CONFIRMATION OF AGENDA

Recommendation

That the agenda be confirmed as presented.

3. DECLARATION OF PECUNIARY INTEREST

4. ADOPTION OF MINUTES

Recommendation

That the minutes of Regular Meeting of the Standing Policy Committee on Environment, Utilities and Corporate Services held on July 21, 2015 be adopted.

5. UNFINISHED BUSINESS

6. COMMUNICATIONS (requiring the direction of the Committee)

6.1 Delegated Authority Matters

Recommendation

That the requests for extension to *The Noise Bylaw* as outlined in 6.1.1 to 6.1.3 be approved subject to any administrative conditions.

- 6.1.1 Noise Bylaw Extension, Westmount Community Association outdoor movie night, September 19, 2015, 6:00 p.m. to 11:00 p.m., Candice Fuller-Quiring, Event Coordinator [File No. CK. 185-9]**

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- 6.1.2 Noise Bylaw Extension, Hope Fellowship Church pancake breakfast, September 13, 2015, 10:00 a.m. to 1:00 p.m., Dianne Loraas [File No. CK. 185-9] 6 - 6
- 6.1.3 Noise Bylaw Extension, Mount Royal Mennonite Church community bbq, September 20, 2015, 11:30 a.m. to 3:00 p.m., Dean Busa [File No. CK. 185-9] 7 - 7

6.2 Matters Requiring Direction

6.2.1 2016 Proposed Budgets - Advisory Committees

As required for all advisory committees, proposed budgets are submitted for consideration by the Standing Policy Committees prior to placement in the 2016 Business Plan and Budget document for review at the time of budget deliberations. Proposed budgets have been put forward by the following Advisory Committees for consideration by the Standing Policy Committee on Environment, Utilities and Corporate Services:

Cultural Diversity and Race Relations Committee (same as 2015 Approved Budget):

- \$ 3,000 – Cultural Diversity and Race Relations Month
- \$ 1,000 – Member Development
- \$11,100 – Educational Campaigns
- \$15,100 – Total Proposed 2016 Budget.

Saskatoon Environmental Advisory Committee (same as 2015 Approved Budget):

- \$ 100 – Publications/Reports
- \$6,000 – Public Education, Information Gathering
- \$ 500 – Conferences/Workshops
- \$ 200 – Membership Fees
- \$6,800 – Total

Recommendation

That the proposed 2016 budgets of the Cultural Diversity and Race Relations Committee and the Saskatoon Environmental Advisory Committee be forwarded to the 2016 Business Plan and Budget deliberations for consideration at the appropriate time.

6.3 Requests to Speak (new matters)

7. REPORTS FROM ADMINISTRATION

7.1 Delegated Authority Matters

7.2 Matters Requiring Direction

7.2.1 Evoqua Water Technologies - Supply of Proprietary Parts - Blanket Purchase Order [Files CK. 1000-3 and WWT 675-05] 8 - 11

Recommendation

That the Standing Policy Committee on Environment, Utilities and Corporate Services recommend to City Council at its meeting held on August 20, 2015:

1. That the Administration prepare a blanket purchase order with Evoqua Water Technologies for the supply of proprietary wastewater treatment equipment for the next three years, for a total estimated cost of \$450,000 (including taxes); and
2. That Purchasing Services issue the appropriate blanket purchase order.

7.2.2 Capital Project No. 2558 - WTP - Clarifier Tube Settlers - Award of Engineering Services [Files CK. 670-3, x 1702-1 and WT. 7960-118] 12 - 15

Recommendation

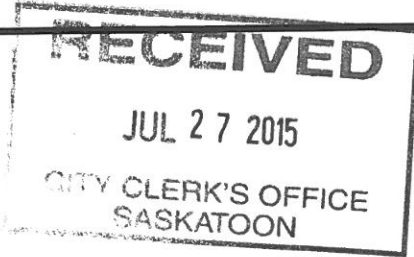
That the Standing Policy Committee on Environment, Utilities and Corporate Services recommend to City Council at its meeting to be held on August 20, 2015:

1. That the proposal submitted by Catterall & Wright for engineering services and construction management for the upgrade of Clarifier #3, at a total upset fee of \$258,000 (including GST and PST), be accepted; and
2. That the City Solicitor be requested to prepare the appropriate agreement and that His Worship the Mayor and the City Clerk be authorized to execute the agreement

under the Corporate Seal.

8. MOTIONS (NOTICE PREVIOUSLY GIVEN)
9. GIVING NOTICE
10. URGENT BUSINESS
11. IN CAMERA SESSION (OPTIONAL)
12. ADJOURNMENT

From: C FQ <candace_f83@hotmail.com>
Sent: July 26, 2015 3:32 PM
To: Web E-mail - City Clerks
Subject: Noise bylaw extension



To whom it may concern

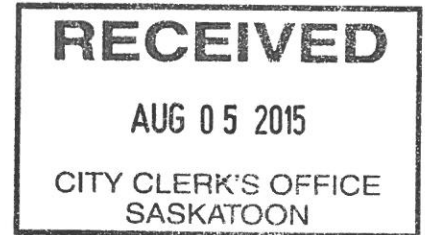
Hello, the Westmount Community Association is planning an outdoor movie night for September 19th 2015, the event will run from 6pm-11pm. We would like to request a noise bylaw extension for our event.

Thank you

Location- Westmont Park

Candace Fuller-Quiring
Event Coordinator
Westmount Community Association
306-221-2140
519 Ave k north
Saskatoon Sask
S7L 2m6

From: Dianne Loraas <dianne@hopefellowshipchurch.ca>
Sent: Wednesday, August 05, 2015 1:34 PM
To: City Council
Subject: Form submission from: Write a Letter to Council



Submitted on Wednesday, August 5, 2015 - 13:34
Submitted by anonymous user: 174.2.94.128
Submitted values are:

Date: Wednesday, August 05, 2015
To: His Worship the Mayor and Members of City Council
First Name: Dianne
Last Name: Loraas
Address: 809 32nd Street West
City: Saskatoon
Province: Saskatchewan
Postal Code: S7L 0T5
Email: dianne@hopefellowshipchurch.ca
Comments:
To the City Clerk at City Hall

This is a request for an extension of the Noise Bylaw
For Hope Fellowship Church
809 32nd Street West
Sunday Morning Community Pancake Breakfast
On Sunday, September 13, 2015
Between 10am and 1pm
In the event of rain the date is September 20

Note: a request for road closure on our side of the street has been approved

Thank you
Dianne Loraas

The results of this submission may be viewed at:
<https://www.saskatoon.ca/node/398/submission/33787>

RECEIVED

AUG 07 2015

185-9

CITY CLERK'S OFFICE
SASKATOON

From: City Council
Sent: Friday, August 07, 2015 8:19 AM
To: City Council
Subject: FW: Noise Bylaw Extension
Attachments: Day in the Park.pub; Mount Royal Community Association Letter.docx

From: Dean Busa [<mailto:deanbusa@sasktel.net>]
Sent: Thursday, August 06, 2015 1:23 PM
To: Web E-mail - City Clerks
Subject: Noise Bylaw Extension

Good Afternoon,

I am writing today on behalf of Mount Royal Mennonite Church, to request an extension to the noise bylaw for an event we are hosting.

We are putting on a Community BBQ on September 20th, from 11:30am-3pm. The event will be in Scott Park, behind our church on Ave. O north and 29th street west.

There will be some live music in the park during our event, which we would like to begin prior to 1pm. Although our music is amplified, we are a fair distance away from our neighbours and we are amplifying the music only loud enough to be clearly heard by the folks attending the BBQ in the park, and not beyond.

We have sent correspondence to the Community Association and will be delivering invitations to all our neighbours which explain the event, pertinent times and contact information that they can reach us at if they have any concerns. I have attached copies of these documents to this e-mail for your review.

If you require any other details from us about the event please feel free to contact me at this e-mail, or by phone at 306-249-4098.

Thank you for your consideration

Dean Busa

My home address is: 835 Coppermine Cres.
The Church's address is: 610 Ave. O North

Evoqua Water Technologies – Supply of Proprietary Parts – Blanket Purchase Order

Recommendation

That the Standing Policy Committee on Environment, Utilities and Corporate Services recommend to City Council:

1. That the Administration prepare a blanket purchase order with Evoqua Water Technologies for the supply of proprietary wastewater treatment equipment for the next three years, for a total estimated cost of \$450,000 (including taxes); and
2. That Purchasing Services issue the appropriate blanket purchase order.

Topic and Purpose

That City Council approve a blanket purchase order from Evoqua Water Technologies (Evoqua) for the supply of proprietary wastewater treatment equipment.

Report Highlights

1. Regular maintenance parts on the Primary Sedimentation Basin equipment is expected to cost \$150,000 annually.
2. Evoqua is the exclusive distributor for the required maintenance parts for the Envirex equipment at the Wastewater Treatment Plant (WWTP).
3. A blanket purchase order and multi-year purchase agreement with Evoqua is recommended to improve procurement and maintenance efficiency, and negotiate a discount on unit costs for Saskatoon Water.

Strategic Goal

This report supports the Strategic Goals of Continuous Improvement and Asset and Financial Sustainability by standardizing maintenance parts, simplifying the purchase process, and establishing multi-year purchase orders.

Background

In 2007, the services of Catterall & Wright were retained to assist in the upgrade of Primary Sedimentation Basin equipment. The WWTP has four Primary Sedimentation Basins which utilise “chain and scraper” systems to remove settled sludge. Envirex brand equipment was selected for the ability to handle heavy sludge and compatibility with existing equipment. Supply and install of Envirex equipment was tendered and awarded under Contract No. 07-0558.

Report

Regular Maintenance and Repairs

Regular maintenance and repairs of this equipment is now performed by plant personnel. An inventory of critical parts is maintained for emergency repairs. Planned maintenance work requires one to three large purchases per year, with potential for up

to five total purchases. Required replacement parts are forecasted to cost \$150,000 annually.

Only Authorized Distributor

Saskatoon Water requires replacement parts for both preventive maintenance and emergency repairs of the Primary Sedimentation Basins. The Envirex brand is currently owned by Evoqua, making them the only authorized distributor of Envirex equipment. Attachment 1 is a letter from Evoqua confirming this.

Blanket Purchase Order and Multi-year Agreement

Administration time and costs savings will be achieved by eliminating the sole source purchase requisition process. With a commitment for part orders up to \$150,000 per year, the Administration will undertake to negotiate a discount on unit costs.

Options to the Recommendation

The supply of parts could be individually sole sourced to Evoqua. The Administration believes that the most advantageous approach for the City is to negotiate a blanket purchase order with the supplier.

Financial Implications

Funds are available in the Maintenance Program of the WWTP 2015 (and future) Operating and Capital Budgets. These funds are generated by the Water and Wastewater Utilities; therefore, there is no impact on the mill rate.

Other Considerations/Implications

There are no public and/or stakeholder involvement, communication, policy, environmental, privacy, or CPTED implications or considerations.

Due Date for Follow-up and/or Project Completion

This blanket purchase order should be in place as soon as practical with an option to extend for two years, provided the supplier provides acceptable pricing and maintains the status as the sole supplier of Envirex equipment.

A process change at the WWTP is presently under construction that will reduce sludge load on the Primary Sedimentation Basins. A three-year contract will allow maintenance of existing equipment until new operating data can be collected. Administration will then re-evaluate based on the available technology and set a long-term standard.

Public Notice

Public Notice pursuant to Section 3 of Policy No. C01-021, Public Notice Policy, is not required.

Attachments

1. Letter – Evoqua Water Technologies

Report Approval

Written by: Jonathan Laforge, Project Engineer, Wastewater Treatment Plant
Reviewed by: Amanda Conway, Maintenance Engineer, Wastewater Treatment Plant
Reviewed by: Tim Bushman, Plant Manager, Wastewater Treatment Plant
Reviewed by: Reid Corbett, Director of Saskatoon Water
Approved by: Jeff Jorgenson, General Manager, Transportation & Utilities Department

EUCS JL – Evoqua Water Technologies – Supply of Proprietary Parts – BPO.docx



July 23, 2015

To: Jonathan Laforge
Project Engineer
Wastewater Treatment Plant
City of Saskatoon

To whom it may concern

Evoqua Water Technologies/Envirex products is the sole source and OEM of Envirex HS730 chain scrapper equipment.

If you should have any questions concerning this matter, please feel free to contact me at 262-521-8415.

Ken Spencer
Account Manager
Aftermarket Sales

Capital Project #2558 - WTP - Clarifier Tube Settlers - Award of Engineering Services

Recommendation

That the Standing Policy Committee on Environment, Utilities and Corporate Services recommend to City Council:

1. That the proposal submitted by Catterall & Wright for engineering services and construction management for the upgrade of Clarifier #3, at a total upset fee of \$258,000 (including GST and PST), be accepted; and
2. That the City Solicitor be requested to prepare the appropriate agreement and that His Worship the Mayor and the City Clerk be authorized to execute the agreement under the Corporate Seal.

Topic and Purpose

This report presents a recommendation for City Council to award a proposal from Catterall & Wright, the only respondent to the City's Request for Proposal (RFP), for engineering services required for the Clarifier #3 upgrade at the Water Treatment Plant (WTP).

Report Highlights

1. The addition of tube settlers to Clarifiers #1, #2, and #4 resulted in significant improvements to clarifier performance and overall plant capacity.
2. Saskatoon Water issued an RFP for design and construction management for the upgrade of Clarifier #3 and Catterall & Wright was the only firm to submit a proposal.

Strategic Goal

This project supports the Strategic Goal of Asset and Financial Sustainability by ensuring the WTP processes are efficient by investing in new technology. The addition of clarifier tube settlers is a cost effective method of increasing clarifier capacity at the WTP.

Background

Clarifier #1, originally constructed in 1962, was completely reconstructed in 2011/2012. An integral component of the project was the addition of tube settlers to the clarifier after a pilot project proved tube settlers worked with the City's clarifier style and source water quality. Following the installation of tube settlers, the flow rate was increased by up to 60% and the turbidity reduced by up to 50%. A second project, completed in May 2015, involved the addition of tube settlers to Clarifiers #2 and #4.

Report

Tube Settlers Successful

The Clarifier #1 upgrade included the addition of tube settlers in the clarifier basin. The project was completed by June 30, 2012, and the effect on capacity and water quality was immediately apparent. Operations were able to increase the output from 45 million litres per day (MLD) to 72 MLD in that clarifier. Turbidity of the finished water from the clarifier was reduced to less than 1 Nephelometric Turbidity Units (NTU) compared to 2.0 to 2.5 NTU from the other three clarifiers. The addition of tube settlers to Clarifiers #2 and #4 was completed in May 2015. Similar capacity and quality improvements were observed in these units.

A 2009 report, Water Treatment Plant Long Term Capital Development and Expansion Plan (LTCDP), identified clarifier capacity as the most immediate upgrade needed to increase the firm capacity of the WTP to meet extra capacity requirements. The increase in clarifier capacity, through the installation of tube settlers, allows the City to defer future large capital expenditures required to construct additional clarifiers. The success of the upgrades to Clarifiers #1, #2, and #4 resulted in the decision to fund a similar upgrade to Clarifier #3 in the 2015 Capital Budget.

Request for Proposal

A Terms of Reference was developed describing the engineering consulting services required for the project. On June 9, 2015, an RFP was advertised on SaskTenders calling for the design, tendering, construction management, and commissioning of a condition assessment and installation of tube settlers for Clarifier #3. Proposals were due on June 30, 2015, and the only proposal received was submitted by Catterall & Wright.

Catterall & Wright provided consulting engineering, procurement services of equipment from suppliers, and construction management for the previous clarifier upgrade projects. Their knowledge of the WTP clarifier system is complete and their performance on past projects demonstrates that they can successfully deliver this work.

A desire by the City to have a structural review of the dome cover and clarifier mechanism, included within the engineering fee proposal, resulted in an amendment to Catterall & Wright's June 30, 2015, proposal. An amount of \$25,000 was added to the original proposal to cover the costs.

The net cost to the City for engineering services, procurement of the tube settlers from the supplier, construction services during installation and commissioning, within the proposal submitted by Catterall & Wright, is as follows:

Capital Project #2558 WTP – Clarifier Tube Settlers - Award of Engineering Services

Preliminary Design	\$ 50,000.00
Detailed Design	80,000.00
Tendering and Contract Award	10,000.00
Sub Consultant Structural Review	25,000.00
Construction Services	60,000.00
Post Construction Services	10,000.00
Contingency	<u>21,000.00</u>
Subtotal	\$256,000.00
Estimated PST (5% of 30% of design)	2,000.00
GST (5%)	<u>12,800.00</u>
Total Upset Fee	\$270,800.00
GST Rebate	<u>(12,800.00)</u>
Net Cost to the City	\$258,000.00

Options to the Recommendation

The recommended proponent, Catterall & Wright, submitted the only proposal and has satisfactorily performed similar work on the previous clarifier upgrade projects.

Communication Plan

The project is an internal process improvement; therefore, a communication plan is not required.

Financial Implications

The net cost to the City for the engineering services, as submitted by Catterall & Wright, is \$258,000. Capital Project #2558 – WTP – Clarifier Tube Settlers received \$3,000,000 of funding in the 2015 Capital Budget with sufficient funding remaining to cover the cost of this proposal.

Environmental Implications

The recommendations associated with this project will result in an increase in the capacity of the WTP clarification process and a reduction in the turbidity loading of the filter banks. Potential environmental implications associated with the capacity increase are derived from improved efficiency of operation at the plant. The overall impact on greenhouse gas emissions is unknown at this time.

Other Considerations/Implications

There are no public and/or stakeholder involvement, policy, privacy, or CPTED implications or considerations.

Due Date for Follow-up and/or Project Completion

This project has a planned construction phase finishing by April 30, 2017.

Public Notice

Public Notice pursuant to Section 3 of Policy No. C01-021, Public Notice Policy, is not required.

Report Approval

Written by: Larry Schultz, Engineering Services Manager, Saskatoon Water
Reviewed by: Reid Corbett, Director of Saskatoon Water
Approved by: Jeff Jorgenson, General Manager, Transportation & Utilities
Department

EUCS LS – CP 2558 WTP – Clarifier Tube Settlers – AwardES.docx