

Minutes Regular Meeting

PUC Boardroom

**May 16, 2019
3:07 pm**

Present: Mayor Darren Canniff, Commissioners Jamie McGrail, Mark Authier, Marjorie Crew, Trevor Thompson, Steve Pinsonneault, General Manager Tim Sunderland, Area Manager (South/Central) Robin Dudley, Manager Compliance & Monitoring Lilly Snobelen, Facility and Systems Manager Rob Bernardi, & CAO Don Shropshire

Absent: Chairperson Carmen McGregor, Area Manager (North/Central) Darren Galbraith

Call To Order

Commissioner Marjorie Crew was elected as Chairperson in Carmen McGregor's absence. Commissioner Crew called the meeting to order at 3:07 pm.

1. Disclosures of Pecuniary Interest (Direct or Indirect) for Open Session Agenda Items and the General Nature There Of

- none

2. Approval of Minutes

a) April 18, 2019 - Regular Meeting

**Moved by Commissioner McGrail and seconded by Commissioner Authier
"That the minutes of April 18, 2019 Regular Meeting be approved."**

b) April 18, 2019 - Closed Session

**Moved by Commissioner McGrail and seconded by Commissioner Authier
"That the minutes of April 18, 2019 Closed Session be approved."**

3. Reports

a) Tender Award Contract T19-176 - Construction of Wallaceburg Bulk Water Station

Municipality of Chatham-Kent
Chatham-Kent Public Utilities Commission

To: PUC Chairperson and Commission Members
From: Jasen Pidlisnyj, C.E.T.
Engineering Technologist
Chatham-Kent Public Utilities Commission
Date: May 16, 2019
Subject: Tender Award for Contract T19-176 – Construction of Wallaceburg Bulk Water Station

Recommendation

It is recommended that:

1. The tender in the amount \$96,615.00 including HST for the Construction of Wallaceburg Bulk Water Station (Contract T19-176) be awarded to the lowest bidder, Clarke Construction Inc. located in Blenheim, ON.

Background

The existing Wallaceburg Bulk Water Station is currently located within the Wallaceburg Water Treatment Plant (WTP) located at 6780 Base Line Road in Wallaceburg Ontario. The placement of the current bulk water station is located in the driveway of the WTP making it

difficult at times for all the truck traffic to navigate in the driveway. Often when longer trucks fill they need to block traffic flow on Base Line Road until filling is complete.

The standalone bulk water station will be located to the West of the WTP at the South East corner of Baldoon Road and Base Line Road. The new station will allow trucks to pull up to the station and fill without blocking traffic. The project consists of supplying and installing a pre-fabricated building, reinforced concrete foundation and apron, internal and external electrical wiring and services, plumbing, water service connection and drainage service connections.

The design and contract administration of this project is done in-house by the CK PUC Engineering team. The project is scheduled to be completed by August 15, 2019.

Comments

In accordance with the municipal Purchasing By-law, the project was advertised on the Bids and Tender Website, posted April 11, 2019 and closed on May 2, 2019.

There were 18 registered plan takers who obtained the tender documents from the CK Purchasing web page and nine (9) attended the mandatory pre-bid site meeting held on April 18, 2019. A total of three (3) bids were received and they are summarized in the table below. The bids were reviewed for completeness and accuracy by the CK PUC.

Tender Award for Contract T19-176 Construction of Wallaceburg Bulk Water Station		
Rank	Name of Bidder	Amount (Including HST)
1	Clarke Construction Inc., Blenheim , ON	\$96,615.00
2	Westhoek Construction Limited, Chatham, ON	\$117,280.44
3	Elric Contractors of Wallaceburg Limited, Wallaceburg, ON	\$123,408.73*

* Five (5) calculation errors were noted on Elric Contractors of Wallaceburg's bid submittal. However, this did not impact the overall tender ranking.

It is the recommendation herein that the contract be awarded to Clarke Construction Inc. who submitted the lowest tender bid of \$96,615.00 including HST. Clarke Construction has successfully completed numerous projects for both CK PUC and CK Engineering in the past.

Consultations

Chatham-Kent PUC Area Managers
Chatham-Kent Engineering and Transportation Division
Chatham-Kent Purchasing

Financial Implications

The project is being funded from the 2019 Lifecycle Budget.

Prepared by:

Jasen Pidlisnyj, C.E.T.
Engineering Technologist
Chatham-Kent PUC

Reviewed by:

Dhana Niriella, PhD, P.Eng.
Project Engineer
Chatham-Kent PUC

Reviewed by:

Darren Galbraith, C.E.T.
Area Manager – North Area
Chatham-Kent PUC

Reviewed by:

Tim Sunderland
General Manager
Chatham-Kent PUC

Motion by Commissioner Authier and seconded by Commissioner Pinsonneault; “That the Chatham-Kent Public Utilities Commission (CK PUC)

- 1. The tender in the amount \$96,615.00 including HST for the Construction of Wallaceburg Bulk Water Station (Contract T19-176) be awarded to the lowest bidder, Clarke Construction Inc. located in Blenheim, ON.”**

Motion carried

b) Tender Award T19-172 - Wallaceburg WTP Wash Water and Clearwell Upgrades

Municipality of Chatham-Kent
Chatham-Kent Public Utilities Commission
Information Report

To: PUC Chairperson and Commission Members
From: Darren Galbraith
Area Manager – North Area and Chatham Water
Chatham-Kent Public Utilities Commission
Date: May 3, 2019
Subject: Tender Award for Contract T19-172 – Wallaceburg WTP Wash Water and Clearwell Upgrades

Recommendations

It is recommended that:

1. Tender T19-172 in the amount of \$855,936.58 including HST for the Wallaceburg Water Treatment Plant (WTP) Wash Water and Clearwell Upgrades project be awarded to Stone Town Construction Limited.
2. The Chatham-Kent Public Utilities Commission (CK PUC) Chairperson and General Manager be authorized to sign the necessary agreement.

Background

The project includes supplying and installing a new wash water pump, a clearwell pump, new piping and valves, along with new mechanical and electrical equipment. Currently the Wallaceburg WTP has one backwash pump which is over 30 years old. By adding in a second backwash pump it will be a backup pump and essentially eliminates the possibility of a system failure.

In the clearwell building, there are currently two pumps, and by adding a third pump, it will help with the redundancy. There is also the poor ventilation in the clearwell building, along with the chlorine present, it is causing the equipment to deteriorate, which is why the new mechanical and electrical equipment is required.

The engineering services for this project are being provided by Stantec Consulting Ltd. The construction project is scheduled to begin at the end of May and is scheduled to be completed by November 29, 2019.

Comments

A total of two (2) quotations were received and they are summarized in the following table.

Tender Award for Contract T19-172 Wallaceburg WTP Wash Water and Clearwell Upgrades		
Rank	Tenderer	Tender Amount (including Contingency and HST)
1	Stone Town Construction Limited St. Marys, Ontario	\$855,936.58
2	BGL Contractors Corp Waterloo, Ontario	\$1,000,000.28*

*Note" Corrected due to arithmetic error

Stantec Consulting Ltd. has reviewed the tenders and found them to be complete in all respects with the exception to the bid received from BGL Contractors Corp, in which an arithmetic error was corrected. This error did not change the tender ranking.

It is recommended that the Chatham-Kent PUC award T19-172 to Stone Town Construction Limited at a quoted price of \$855,936.58 and that the Chairperson and General Manager be authorized to complete the necessary agreements.

Consultations

The tenders were opened by the Purchasing Officer and reviewed by Stantec Consulting Ltd. Stantec Consulting Ltd. provided a letter of tender analysis and recommendation for contractor selection.

Financial Implications

Costs associated with this project in the amount of \$855,936.58 will be funded by CK PUC Facility 2019 Lifecycle budget

Prepared by:

Jeannie Medeiros, CET
Engineering Tech
Chatham-Kent PUC Chatham-Kent PUC
Reviewed by:

Reviewed by:

Darren Galbraith, CET
Area Manager – North Area & Chatham Water

Tim Sunderland

General Manager
Chatham-Kent PUC
Attachment: none

**Motion by Commissioner Thompson and seconded by Mayor Canniff;
“That the Chatham-Kent Public Utilities Commission (CK PUC)**

- 1. Tender T19-172 in the amount of \$855,936.58 including HST for the Wallaceburg Water Treatment Plant (WTP) Wash Water and Clearwell Upgrades project be awarded to Stone Town Construction Limited.**
- 2. The Chatham-Kent Public Utilities Commission (CK PUC) Chairperson and General Manager be authorized to sign the necessary agreement.”**

Motion carried

c) Tender Award T19-186 - McNaughton Avenue West Improvements Community of Chatham

Municipality of Chatham-Kent
Chatham-Kent Public Utilities Commission

To: PUC Chairperson and Commission Members
From: Matthew Link, A.Sc.T.
Engineering Technologist
Date: May 7, 2019
Subject: Tender Award: T19-186, McNaughton Avenue West Improvements, Community of Chatham

Recommendations

It is recommended that:

1. The tender in the amount of \$2,484,870.00, including HST for the McNaughton Avenue West Improvements, Community of Chatham be awarded to Clarke Construction Inc.
2. The Chatham-Kent Utilities Commission (CK PUC) Chairperson and General Manager be authorized to sign the necessary agreement.

Background

In the past couple of years, the increase of development and of proposed development along McNaughton Avenue West from Keil Drive North to Bear Line Road has generated the need for improvements to the existing infrastructure in the area. In 2017, three large parcels of land were identified for development namely, the new St. Clair College Training Centre expansion, the new St. Clair Catholic District School Board Elementary School and the new Children’s Treatment Centre of Chatham-Kent.

The sanitary sewer was extended along McNaughton Avenue West to Bear Line Road in the fall of 2017. The 2018 Active Transportation Lifecycle identified Keil Drive North as a corridor to be part of the Ontario Municipal Commuter Cycling Grant program.

The Engineering and Transportation Division (Engineering) received a request from Council back in 2005 to continually review the intersection of McNaughton Ave. West and Keil Drive North to determine if any form of traffic control is warranted at this location. Engineering completed the required traffic studies in 2005, 2006, 2011, 2012, 2014, 2015 and 2017. In each study an all-way stop warrant analysis and a traffic signal justification analysis was completed for the intersection. The conclusion of each study was that neither an all-way stop control nor traffic signal control was warranted or justified based on the traffic volume and collision data observed at the time.

A Traffic Impact Study (TIS) was completed in 2018 as a condition of site plan approval for the new Catholic School to determine the effects of the additional pedestrian and vehicle traffic it would generate in the area. As a result of the new developments and proposed increase in both vehicular and pedestrian traffic, the TIS recommended the installation of a traffic signal at McNaughton Avenue and Keil Drive North, and a pedestrian crossover located in close proximity of the school on McNaughton Avenue. These two traffic signal devices will be included in this project.

The Engineering and Transportation Division reviews lifecycle and traffic requirements regularly and it was determined that this project would make up part of the 2019 construction season prior to the opening of the Elementary School.

Engineering and Transportation Division had identified the subject project as part of the 2019 Capital and Lifecycle Budgets. The engineering, contract administration and inspection on this project are being carried out by Hrycay Consulting Engineers Inc. (HCEI). A tender was issued by HCEI for the construction of this project.

Comments

McNaughton Avenue West from Fergie Jenkins Drive to Bear Line Road is to be reconstructed. This work is to include a new storm sewer, watermain, curbs and gutter, granular road base, asphalt surface, sidewalks and street lighting.

McNaughton Avenue West is to have a new sidewalk and a pedestrian crossover installed for the new school.

Keil Drive North from Grand Avenue West to McNaughton Avenue West is to be resurfaced including drainage improvements and a multi-use trail installed. Street lighting and lighting for the trail will be evaluated and installed as recommended. The TIS has recommended a traffic signal at the intersection of Keil Drive North and McNaughton Avenue West, this would be installed as part of this project.

The storm sewer portion of the project consists of approximately 250 metres of 525mm concrete sewer pipe, 4 manholes and 15 catch basins, all to be installed or replaced. A total of 5 lateral service connections will be installed.

The watermain portion of the project consists of approximately 250 metres of 300mm diameter PVC pipe. A total of 3 water service connections along with 1 fire hydrant will be added.

The Purchasing Officer received and opened tenders for the work on Thursday, May 2, 2019. The results are as follows:

**Contract T19-186
McNaughton Avenue West Improvements
Community of Chatham**

Rank	Tenderer	Tender Amount incl. HST
1	Clarke Construction Inc. Blenheim, ON	\$2,484,870.00
2	Henry Heyink Construction Ltd. Chatham, ON	\$2,585,440.00
3	Nevan Construction Inc. Kingsville, ON	\$3,370,191.10 *
4	Birnam Excavating Ltd. Warwick Township, ON	\$3,651,029.46 *

* A mathematical error was corrected but it did not impact the tender outcome.

HCEI has reviewed the tenders and found them to be complete in all respects with the exception of the bids from Nevan Construction Inc and Birnam Excavating Ltd. who both made mathematical errors. Neither error affected their bid ranking.

It is the recommendation herein that the contract be awarded to Clarke Construction Inc. who submitted the lowest tender bid, Appendix A.

The project construction is expected to commence in June of 2019 with substantial completion by September 2019 with the exception of the traffic signals which will be completed by November 2019.

Areas of Strategic Focus and Critical Success Factors

The recommendations in this report support the following areas of strategic focus:

Economic Prosperity:

Chatham-Kent is an innovative and thriving community with a diversified economy

A Healthy and Safe Community:

Chatham-Kent is a healthy and safe community with sustainable population growth

People and Culture:

Chatham-Kent is recognized as a culturally vibrant, dynamic, and creative community

Environmental Sustainability:

Chatham-Kent is a community that is environmentally sustainable and promotes stewardship of our natural resources

The recommendations in this report support the following critical success factors:

Financial Sustainability:

The Corporation of the Municipality of Chatham-Kent is financially sustainable

Open, Transparent and Effective Governance:

The Corporation of the Municipality of Chatham-Kent is open, transparent and effectively governed with efficient and bold, visionary leadership

Has the potential to support all areas of strategic focus & critical success factors

Neutral issues (does not support negatively or positively)

Consultation

The tenders were opened by the Purchasing Officer and reviewed by the Engineering and Transportation Division.

The General Manager of the Chatham-Kent PUC and the Purchasing Officer were consulted in the preparation of this report.

Financial Implications

This project is being funded through:

- 2019 Storm Sewer Lifecycle
- 2019 Road Resurfacing Lifecycle
- 2019 Watermain Lifecycle
- 2019 Capital Budget

- 2017 Ontario Municipal Commuter Cycling Fund (OMCC)
- 2018 Special Sidewalk Fund from St. Clair Catholic District School Board (SCCDSB)

The project summary is set out in the following table:

**Contract T19-186
McNaughton Avenue West Improvements
Community of Chatham**

	Description	Total
(A) Project Costs	Low Tender, with HST	\$2,484,870.00
	Engineering & Admin, with HST	\$158,175.14
	Less HST Rebate (11.24%)	\$(262,901.13)
	Approval Fees	\$2,300.00
	Project Total	\$2,382,444.01
	Description	Total
(B) Project Funding	2019 Storm Lifecycle	\$342,660.44
	2019 Watermain Lifecycle	\$114,220.15
	2019 Curb and Gutter Lifecycle	\$32,634.33
	2019 Road Lifecycle	\$407,929.10
	2019 Capital Funding	\$1,200,000.00
	2017 Ontario Municipal Commuter Cycling Fund (OMCC)	\$255,000.00
	2019 Sidewalk SCCDSB Fund	\$30,000.00
	Funding Total	\$2,382,444.01

The low tender bid submitted by Clarke Construction was within the budget estimate.

Prepared by:

Matthew Link, A.Sc.T.
Engineering Technologist
Engineering and Transportation

Reviewed by:

Mark McFadden, P.Eng.
Manager
Engineering and Transportation

Reviewed by: Reviewed by:

Chris Thibert, P.Eng.
Director
Engineering and Transportation

Tim Sunderland
General Manager
Chatham-Kent Public Utilities Commission

**Motion by Commissioner Pinsonneault and seconded by Commissioner Authier;
“That the Chatham-Kent Public Utilities Commission (CK PUC)**

- 1. The tender in the amount of \$2,484,870.00, including HST for the McNaughton Avenue West Improvements, Community of Chatham be awarded to Clarke Construction Inc.**
- 2. The Chatham-Kent Utilities Commission (CK PUC) Chairperson and General Manager be authorized to sign the necessary agreement.”**

Motion carried

4. Information Reports

- none

5. Verbal Reports

Verbal report provided by General Manager Tim Sunderland regarding Class Environmental Assessments (EA's). He provided a brief on when and why EA's are needed.

PUC Administration is potentially looking to start EA's on the following systems;

- Wallaceburg Water Treatment Plant
- Wallaceburg Water Pollution Control Plant
- Dresden Water Pollution Control Plant
- Chatham Water Treatment Plant

The purpose for the EA's will be to review plant capacity needs and treatment technology options. By having the EA's completed, they are then ready for design and the PUC administration can then look for government funding for shovel ready projects.

Administration will be bringing a report forward in the June Commission meeting.

**Motion by Commissioner McGrail and seconded by Commissioner Authier;
"That the Chatham-Kent Public Utilities Commission (CK PUC)**

To receive report for information."

Motion carried

6. New Business

- none

7. Recess to Closed Session if Necessary

8. Resolution Regular Meeting and Adjournment

Moved by Commissioner McGrail and seconded by Commissioner Crew

"That Chatham-Kent Public Utilities Commission adjourn, its next Regular Meeting to be held on Thursday, June 20th, 2019 at the Chatham Sewage Plant on Irwin Street in Chatham, and that the PUC Commission authorize itself to meet in closed session on that day to discuss any matters permitted by the Municipal Act."

Motion carried