

THE UNION WATER SUPPLY SYSTEM

JOINT BOARD OF MANAGEMENT

AGENDA

WEDNESDAY, SEPTEMBER 20, 2017

COMMENCING AT 9:00 AM

IN THE COMMUNITY ROOM - KINGSVILLE ARENA

(A) Call to Order:

(B) Disclosures of Pecuniary Interest:

(C) Adoption of Minutes:

Minutes of the meeting of the Union Water Supply System Joint Board of Management Meeting held Wednesday, August 2, 2017

Pages 2 - 6

(D) Business Arising Out of the Minutes:

(E) Items for Consideration:

1. UW/25/17 dated September 15, 2017 re: Status Update of UWSS Operations & Maintenance Activities and Capital Works to September 15, 2017

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2. UW/26/17 dated September 14, 2017 re: Essex Water Tower Rehabilitation Tender Results

Pages 9 - 17

3. UW/27/17 dated September 15, 2017 re: Payments from July 29 to September 15, 2017

Pages 18 - 24

(F) New Business:

(G) Adjournment:

(H) Date of Next Meeting: October 18, 2017, Kingsville Community Room, Kingsville Arena

**THE UNION WATER SUPPLY SYSTEM
JOINT BOARD OF MANAGEMENT**

MINUTES OF MEETING

HELD AUGUST 2, 2017 AT 9 AM

IN KINGSVILLE COMMUNITY ROOM - KINGSVILLE ARENA

Members Present: Deputy Mayor MacDonald (Chair); Mayor Paterson, Councillors
Dunn, Hammond - Leamington
Councillors Gaffan, Patterson - Kingsville
Mayor McDermott - Essex
Mayor Bain (alternate) - Lakeshore

Members Absent: Councillors Jacobs and Verbeke - Leamington
Mayor Santos and Councillor Neufeld - Kingsville
Councillor Diemer - Lakeshore

Staff Present: Rodney Bouchard, Union Water Supply System Manager
Khristine Johnson, recording secretary

**Municipal Staff
Present:** Kevin Girard - Kingsville

**OCWA Staff
Present:** Dale Dillen, Ken Penney, Adam Taggart

Call to Order: 9:21 am

Disclosures of Pecuniary Interest: None

Adoption of UWSS Joint Board of Management Minutes:

No. UW-40-17

Moved by: Councillor Hammond

Seconded by: Councillor Gaffan

That Minutes of UWSS Joint Board of Management meeting of June 21, 2017 be adopted.

Carried

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Business Arising Out of the Minutes: None**Report UW/21/17 dated July 28, 2017 re: Status of UWSS Operations & Maintenance and Capital Works to July 28, 2017**

Due to Board members' time constraints the Manager kept his report brief. The Manager reviews each item in his report. He notes that OCWA performs regular maintenance through their workplace maintenance program and this is an ongoing program. He further notes that the Town of Essex distribution system has received a 100% rating on its inspection from the MOECC.

The Manager reports that clarifier #3 is now back in service after the mixer gear box was rehabilitated by ASL Roteq. He also reminds members of previous discussions regarding Meter #4, the Highbury Canco Meter, and the evaluation performed by Flowmetrix. He reports that Flowmetrix has determined that the meter is reading accurately and will not need to be re-sized. He confirms that further reports will be received from Flowmetrix regarding Meters #14, #27 and then eventually Meter #8.

The UWSS valve turning exercises have been completed and will continue on an annual basis. This is a good way of determining any problems out in the system.

The Manager reports that US Ecology has removed 1300 tons of residual waste from the piles located on the west side of the UWSS property. The pile is slowly getting smaller. This program will continue for a number of years. The South Settling Lagoon is due for a cleanout and DiMenna Excavating has won the contract with the lowest bid and this work will be completed by the end of August.

The Manager notes that on July 19th he met with the new Leamington District Secondary School (LDSS) team regarding Valve Chamber #117. It appears that a resolution has been found and the work is being completed at this time. He will report back to the board with any issues.

Associated Engineering (AE) is continuing to test the UWSS raw water to evaluate the effects of injecting carbon dioxide gas in UWSS raw water. The Manager notes a report will be presented to the members later in the meeting.

The tendering process for the Essex Water Tower (EWT) has been initiated. Bids will be opened on August 10th to accommodate the civic holiday. There is a brief discussion on the possibility of a higher bid than is budgeted. The Manager confirms that if the bid is substantially higher than budgeted the project will have to be postponed until the budget can be re-visited next year.

The Manager also notes that the SCADA upgrade work has been sent to AE to assist with the RFPs. He anticipates that the RFP call will be issued by August 11th. He then reminds members that the UWSS is working the Price Waterhouse Cooper (PwC) regarding the UWSS restructuring. He notes that he is attempting to arrange meeting times that work with the municipalities and the facilitator.

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Finally, the Manager reviews the flows for the year and notes that although they are slightly lower than last year they are still above the four (4) year average.

No. UW-41-17

Moved by: Mayor Paterson

Seconded by: Mayor McDermott

That report UW/21/17 re: Status update of UWSS Operations & Maintenance Activities and Capital Works to July 28, 2017 is received.

Carried (UW/21/17)

Report UW/22/17 dated July 26, 2017 re: UWSS Mid-Year Revenue and Expenditure report

The Manager reminds members of the Board that this is generally a report that is prepared once a year at this time. He further notes that the UWSS is generally where it should be in terms of flow and budget for mid-way through the year. He explains that expenditures are in line with the budget and flows generally will increase slightly in the second half of the year.

The Manager does point out a few capital changes that he would like to make going forward. He mentions the possibility of an increased budget for the Essex Water Tower to \$1,050,000 and he will have confirmation of the budget for the next meeting. He would like the move the recommendation that he has authorization to proceed with the increased budget because if he waits until the September Board meeting it will be too late in the year to start the project.

No. UW-42-17

Moved by: Mayor Paterson

Seconded by: Councillor Dunn

That the Manager has authorization to increase the capital budget for the Essex Water Tower rehabilitation project from a budget of \$850,000 to a budget of \$1,050,000.

Carried

The Manager then continues with the review of his report and turns his attention to the SCADA system upgrades and notes that this project will most likely have to be spread over the next two years. He notes that the project is getting a later start in the year than

anticipated and is in the process of sending out Requests for Proposal. He feels that a maximum of \$500,000 of the \$1,250,000 budget will be used this year.

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Finally, the Manager notes that all other expenditures are in line with the 2017 budget.

No. UW-43-17

Moved by: Mayor Bain

Seconded by: Councillor Patterson

That the UWSS Joint Board of Management receives report UW/22/17 dated July 26, 2017 re: UWSS 2017 Mid-Year Revenue and Expenditures Report

Carried (UW/22/17)

Report UW/23/17 dated July 27, 2017 re: Engineering and Design - Carbon Dioxide Injection System for Raw Water pH Adjustment

The Manager explains that as part of ongoing studies at the UWSS Ruthven WTP to determine best course of action for the treatment process testing has been done to determine if carbon dioxide will help the coagulant at the Ruthven WTP work better and also reduce the aluminum residual by means of reducing the raw water pH. He explains that this is a project he would like to get moving on quickly as this benefits the system as well as many of the dialysis patients within the region.

The Board asks what the downsides of such a project are and the Manager explains that the initial set up will be expensive. The Board also asks if dialysis patients will be informed. The Manager notes that the UWSS is in communication with a dialysis health team for the area.

There are other questions regarding whether this procedure will change the taste or odour. The Manager notes that there should be no change in these characteristics.

The Board then asks if the Ruthven WTP will incur any fines or added expenses from the government in regard to CO₂. The Board indicates that greenhouses in the area are being hit hard with added expenses because of CO₂ emissions. The Manager was not sure of this answer and he will definitely look into this. If there are added costs he would have to re-evaluate this possibility.

No. UW-44-17

Moved by: Mayor McDermott

Seconded by: Councillor Hammond

That the Union Water Supply Joint Board of Management (UWSS Board) receives this report for information;

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Union Water Supply System Joint Board of Management Meeting Minutes

And further, that the Board approves a budget of \$125,000 to be funded from the UWSS Operating Funds Reserve for the undertaking of Conceptual & Detailed Design and Engineering Services for the installation of a Carbon Dioxide (CO₂) injection system for raw water pH adjustment;

And further, that the UWSS Board authorizes the UWSS General Manager to undertake a direct negotiation with Associated Engineering for CO₂ injection system design and engineering services.

Carried (UW/23/17)

Report UW/24/17 dated July 28, 2017 re: Payments from June 11 to July 28, 2017.

No. UW-45-17

Moved by: Mayor Bain

Seconded by: Mayor Paterson

That report UW/24/17 dated July 28, 2017 re: Payments from June 11 to July 28, 2017 is received.

Carried (UW/24/17)

NEW BUSINESS

The Manager notes that new lights will be added to the Leamington Water Tower to illuminate at night. This provides a pleasing visual aesthetic to the property as well as providing security.

The Board asked the Manager for some positive reassurance regarding the possible restructuring for staff members. The Manager reassured members that at this time the reason for restructuring is to allow the UWSS to debt finance, obtain grants and become a legal entity. No staff changes are expected.

ADJOURNMENT

No. UW-46-17

Moved by: Councillor Patterson

Seconded by: Councillor Dunn

That the meeting adjourn at 9:47 am

Carried

Date of Next Meeting: September 20, 2017 in the Kingsville Community Room, Kingsville Arena

/kmj

UW/25/17

To: Chair and Members of the Union Water Supply System Joint Board of Management

From: Rodney Bouchard, Union Water Manager

Date: September 15, 2017

Re: Status Update of UWSS Operations & Maintenance Activities and Capital Works to September 15, 2017



Aim:

To inform the UWSS Board about operational and maintenance activities and capital works projects for the Union Water Supply System since the last Board meeting on August 2nd, 2017.

Discussion:

The UWSS Manager conducts regular meeting with OCWA Operations staff in regards to on-going operations and maintenance programs for the UWSS facilities. The following provides an update on UWSS operations, regular maintenance and major maintenance and Capital Works at UWSS facilities:

1. Regular Maintenance on all process equipment and analyzers continue to be completed through OCWA's Workplace Maintenance Management System.
2. The cleaning of the south settling pond was started on September 11th, 2017. This work was awarded to the Dimenna Excavation of Ruthven, Ontario. It should take approximately two weeks to complete this work and then the south settling pond will be returned to service.
3. The new Low lift pump #2, which was ordered in Spring 2017 from ASL Roteq will be delivered to the plant before the end of September. It is anticipated that the installation and commissioning of this pump will be completed on October 23-27, 2017.
4. Billing Meter #14 has been upgraded to Hydro service from the pre-existing battery operated meter. A new magnetic flow meter has been installed along with a sump pump and lighting in the meter pit.
5. A new magnetic flow meter for billing meter #8 has been ordered and received. This new flow meter will be installed the first week of October 2017.
6. The Leamington Tower bowl has been retrofitted with LED lights to illuminate the bowl at night.
7. An air conditioner is being installed in the Leamington Tower equipment building to keep all of the communication equipment from overheating.

Re: Status Update of UWSS Operations & Maintenance Activities and Capital Works
to September 15, 2017

8. A temporary change in coagulant from the current poly aluminum chloride (PACL) coagulant DelPAC 2020 to an Aluminum Chlorohydrate (ACH) coagulant, Hyperion 1090, was commenced on September 26th in efforts to reduce the plant effluent aluminum residual. Laboratory jar testing indicated that the ACH coagulant did not increase the aluminum residuals in finished water as much as the PACL coagulant did. The MOECC was notified of the temporary coagulant change. Preliminary results since the switch indicate a steady decrease in plant effluent aluminum residuals.
9. Final Draft Request for Proposal Document (RFP) for SCADA System is being completed by Associated Engineering and will be provided to UWSS by September 22, 2017 for review. The goal is to release the RFP to a pre-selected list of SCADA integrators by the 2rd week in October 2017; award of contract by mid November 2017 and project startup at beginning of December 2017.
10. Preliminary design work for the CO2 raw water pH adjustment system is underway by Associated Engineering. A draft design brief, including drawings and process narrative is scheduled for delivery to UWSS by October 4th, 2017 for review.

Comparative Flows for 2013 through 2017 in Millions of Imperial Gallons (for the period 1 January to September 14, 2017)

	2013	2014	2015	2016	2017
Flow to Date (MG)	2354.97	2502.93	2379.91	2586.35	2539.04
Max Day (MGD)	15.30	15.70	15.36	16.75	16.62
Min Day (MGD)	4.65	4.19	3.79	4.29	4.56
Average Day (MGD)	9.16	9.74	9.26	10.02	9.88
No of Days	257	257	257	258	257

Flows to date are down 47.31 MIG or 1.83% from last year. The 2017 flows to date are up 3.37% over the previous 4 year average

Recommendation:

That this report be received by the UWSS Board for information purposes.

Respectfully submitted,



Rodney Bouchard, Manager
Union Water Supply System Joint Board of Management

rb/kmj

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UW/23/15

Report

To: Chair and Members of the Union Water Supply System Joint Board of Management

From: Rodney Bouchard, Union Water Manager

Date: September 14, 2017

Re: Essex Water Tower Rehabilitation Project Tender Results



Recommendation:

That the UWSS Board authorizes the UWSS General Manager to award the Essex Water Tower Rehabilitation Project contract to Jacques Daoust Coatings Management Inc. (JDCMI) of Cambridge, Ontario for a sum of \$1,045,900 and that the project be implemented in Spring 2018 before May 15, 2018.

Report Highlights

- UWSS retained Landmark Municipal Services (Landmark) to undertake inspections of the Essex Water Tower (EWT). Inspections were completed on May 8, 2013 and December 3rd, 2015. .
- The May 2013 inspection of the EWT indicated that the exterior and interior coatings of the EWT were in poor to moderate conditions and that re-coating was recommended in the near future to prevent further corrosion. The inspection also indicated that upgrades were needed for numerous safety related items and systems. Safety and operational upgrades were completed in 2013, 2014 and 2015.
- The December 2015 inspection indicated that additional safety upgrades were required, including a new ladder system and hand rail system since these existing items did not meet the new safety codes.
- UWSS retained OCWA Engineering Services (OCWA ES) to prepare a tender package for EWT Rehabilitation Project based on the May 2013 and December 2015 inspection results. The tender was issued on July 18, 2017 and closed on August 10, 2017. Bids were received from 4 contractors.

September 14, 2017 - UW/26/17

Re: Essex Water Tower Rehabilitation Project Tender Results

Background:

In May 2013, UWSS retained Landmark Municipal Services (Landmark) to undertake a comprehensive inspection of the Essex Water Tower (EWT). The inspection was conducted on May 8th, 2013. Cleaning and disinfection of the interior of the LWT was also conducted as part of this work. The results of the LWT inspection and cleaning are provided in a report dated May 30th, 2013. The inspection report indicated the following:

- Numerous safety related items and systems needed to be upgraded;
- Exterior surface coating of tower bowl and legs are moderate condition with numerous areas peeling down to the steel substrate and rusting; recoating of the exterior surface is recommended in the near future (e.g. 5 years)
- Surface coating of interior of tank bowl is in poor to moderate condition with surface corrosions above water line and ice damage and blistering below water line; recoating of the interior surface is recommended in the near future (e.g. 5 years)
- A mixing system was recommended to prevent stratification of water and minimize loss of chlorine residual, especially during hot weather conditions.

During the 2013-2015 period, UWSS undertook a number of upgrades at the EWT including necessary safety related upgrades and installation of a mixing system.

In December 2015, UWSS retained Landmark undertake a follow up inspection of the EWT. The inspection was conducted on December 3rd, 2017 and focused on the exterior components of the EWT; the interior of the tank was not inspected at this time. The inspection results are provided in a report dated December 18th, 2015. The inspection report indicated the following:

- Ladder system upgrades were needed to meet the safety concerns for Fixed Rail Ladders as identified in a Ministry of Labour alert;
- Catwalk guardrails to be extended from 36 inch height to 41 inch height to meet code requirements;
- Exterior surface should be re-coated;
- Other items such as hatches and shell manways should be reviewed and upgraded/ installed to improve access to exterior locations and interior of the tank.

The information provided in the Landmark inspection reports for the EWT was used by the UWSS General Manager to evaluate the rehabilitation needs of EWT.

Discussion:

As part of the 2017 UWSS Budget development process, the UWSS Board approved a preliminary budget of \$850,000 for the LWT Rehabilitation Project. This budget was

September 14, 2017 - UW/26/17

Re: Essex Water Tower Rehabilitation Project Tender Results

based on the Landmark inspection results that indicated that overcoating of the existing paint coating may be achievable, thus not requiring full removal of existing coating.

In May 2017, UWSS retained OCWA Engineering Services (OCWA ES) to prepare a tender package and to coordinate the tendering of the EWT Rehabilitation Project. As part of the project coordination and engineering services, OCWA ES retained PW Makar to undertake paint adhesion and thickness testing on the EWT to confirm that overcoating the existing coating on the exterior of the EWT could be accomplished. The results of this testing indicated that existing exterior coating was too thick on a large portion of the EWT to allow for overcoating. Thus OCWA ES recommended removal of existing exterior coating before installing new coating. OCWA ES indicated that this would increase the cost of the project by approximately 20-25%. The tender package prepared by OCWA ES was based on the full encapsulation of the EWT and removal of existing exterior coating.

The EWT Rehabilitation Project tender was released on July 18, 2017 to seven (7) qualified contractors. A mandatory pre-bid meeting was scheduled at the EWT site on July 25th, 2017. Representatives from OCWA ES, OCWA operations, UWSS and five (5) of the seven (7) invited contractors were present at the meeting. The tender for the EWT Rehabilitation was closed on August 10, 2017. A total of four (4) bids were received for this project. The bids were opened and read publicly at the OCWA ES Mississauga, Ontario office.

OCWA ES conducted a full review of the received bids to ensure that all required components were provided. No major issues were identified with any of the received bids. The results of the Tender review identified Jacques Daoust Coatings Management Inc. (JDCMI) of Cambridge, Ontario as the low bidder in the amount of \$1,075,900, which includes \$75,000 for contingency. It should be noted that at the August 2nd, 2017 UWSS Board meeting, the UWSS Board approved an increase of \$200,000 in the budget for the EWT Rehabilitation work. Thus the new approved budget for this work was set at \$1,050,000.

On August 18, 2017, the OCWA ES project manager indicated that she had received correspondence from the paint/coating supplier with concerns regarding the potential application of the coating product during cool fall weather. This was a concern as the anticipated project start date was the first week of September and it would take up to 4 weeks to install the scaffolding and enclosure for the water tower and another 2-3 weeks to remove the existing coating. Thus, application of the coating would not start until mid-October 2017. The coating supplier indicated that if the temperatures were too cool, the coating could fail prematurely. The OCWA ES project manager suggested that it may be best to delay the project until Spring 2018 to ensure cold weather would not be a time limiting factor. The UWSS General Manager agreed with the recommendation.

The OCWA ES contacted the bidders and indicated that the project would be delayed until Spring 2018. This had been identified as a possibility in the tender package. Three (3) of the four (4) bidders indicated that they would provide a credit to UWSS for delaying the project in Spring 2018.

September 14, 2017 - UW/26/17

Re: Essex Water Tower Rehabilitation Project Tender Results

Based on their review of the bids, OCWA ES has issued a Recommendation Letter to UWSS dated August 29, 2017 recommending award of the contract to JDCMI as the low bidder for the EWT Rehabilitation Project Tender. A copy of OCWA ES' Recommendation Letter is attached to this report and provides detailed information on the Tendering process, tender results, provisional items, etc. Table 1 provide a Tender Summary.

Table 1: EWT Rehabilitation Project Tender Summary

Tenderer	Price	Time for Completion (weeks)	Credit for Alternative Paint System	Credit for 2018 Implementation
Dayson Industrial Services	\$1,147,620	22	\$26,000	\$30,000
Landmark Municipal Services	\$1,705,500	20	No Alternative	\$315,000
Jacques Daoust Coating Management Inc (JDCMI)	\$1,075,900	16	No Alternative	\$30,000
MacDonald Applicators	\$1,285,907	16	No Alternative	\$0

Financial Implications:

The approved 2017 UWSS Budget includes a capital budget of \$1,050,000 for the EWT Rehabilitation Project. The results of the Tendering for the EWT Rehabilitation Project indicate that the low bid from JDCMI is \$1,045,900, which reflects the credit of \$30,000 for implementation of project in Spring 2018 (before May 15, 2018), and also includes \$75,000 for contingencies. This low bid is within the approved budget for this project.

Closing Comments:

Based on the results of the Tendering for the EWT Rehabilitation Project, it is recommended that the contract be awarded to the low bidder, JDCMI, in the amount of \$1,045,900 and that the project be implemented in Spring 2018 before May 15, 2018.

Respectfully submitted,



Rodney Bouchard, P. Geo., Manager
 Union Water Supply System Joint Board of Management
 rb/kmj

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Aug 29, 2017

Union Water Supply System (UWSS)
 1615 Union Ave., Box 340
 Ruthven, ON
 N0P 2G0

Attention: Rodney Bouchard
 General Manager UWSS

Dear Sir,

**RE: Union Water Supply System
 Essex Tank Rehabilitation
 Tender OCWA17028
 Recommendation of Award of Contract**

We are pleased to submit, herein, our analysis and recommendations on the tenders received for the above-named contract.

The work covered under this contract is the complete removal and recoating of the interior and exterior of the Essex Tank, as well as miscellaneous safety upgrades. Tenderers were asked to submit a base tender price using materials manufactured by Tnemec and an optional credit for using any alternative materials from an approved list of paint manufacturers. Tenderers were also asked to identify the credit or extra amount to implement the works in 2018.

Request for tenders was sent by invitation to seven (7) qualified contractors on July 18, 2017. A **mandatory** site meeting was held on July 25, 2017 at 1 pm. Five (5) contractors attended the meeting. Tenders closed at 3:00 p.m. on August 10, 2017. Tenders were opened at OCWA offices on the same day.

Four (4) Tenderers submitted bids. All four tenders were valid and each contained the required tender deposit, agreement to bond, and signed all addenda as required. The bids are summarized in the table below. A mathematical check of the tenders received was undertaken. There were no arithmetic errors in the tenders. None of the Tenderers carried additional costs to extend the period of validity. Dayson proposed an alternative paint system with Ameron and offers a credit of \$26,000, for use of the alternative paint system.

Tender Summary

Name of Tenderer	Price	Provisional Items	Time for Completion (weeks)	Credit for alternative Paint System	Credit for 2018 Implementation
Dayson Industrial Services	1,147,620	40,080	22	26,000	30,000
Landmark Municipal Services	1,705,500	28,500	20	No Alternative	315,000
Jacques Daoust Coating Management Inc (JDCMI)	1,075,900	54,900	16	No Alternative	30,000
MacDonald Applicators	1,285,907	61,840	16	No Alternative	0



The lowest bid price was submitted by JDCMI in the amount of \$1,075,900. The next lowest bid was from Dayson for the sum of \$1,147,620. The highest bid was submitted by Landmark in the amount of \$1,705,500.

Landmark's bid was significantly higher than the other three contractors. Their costs for mobilization & bonding (approx. \$50K more), exterior surface prep & coating (approx. \$200K more) interior surface prep & coating (approx. 130K more) and site cleanup (approx. \$15K) were disproportionately high compared to the other contractors. We believe the Landmark prices may be inflated due to high workload in 2017, this can be observed by the \$315K credit offered to implement the work in 2018. Accounting for the credit, Landmark's price for 2018 would remain the highest of the Tenders received.

In general the other three contractors had similar costs. Dayson's cost for enclosure was approximately \$65K less than the next closest. JDCMI's cost for lifts and cranes is only \$1,000 compared to \$30,000 from the other contractors. JDCMI's scaffolding costs were also the lowest at approximately \$37K less than the others. The JDCMI exterior surface prep & coating were approximately \$26K less than the next closest tender for this item.

JDCMI has proposed a schedule of 16 weeks. We have spoken to JDCMI and Tnemec regarding the proposed time frame. We are concerned about night time temperatures dropping below the Tnemec recommended minimum of 2°C, and potential impact to paint curing. While there are options to provide heating in order to maintain temperatures above the required minimum, it is our recommendation to delay rehabilitation work until the spring of 2018, which, in our view, would minimize risk to coating curing. By delaying implementation to 2018 JDCMI would provide a credit of \$30,000.

JDCMI has worked on other water towers for UWSS. They are a highly experienced and qualified firm. We are satisfied with experience and tender price. We recommend proceeding with Contract award to JDCMI with delay of mobilization to spring of 2018. If acceptable to UWSS, we would prepare the Contract documents and request insurance and bonding from JDCMI. An addendum would be added to the standard Contract Agreement Form to reflect the 2018 construction start. We would ask JDCMI to prepare and provide submittals during the winter in preparation of construction in spring.

If you have any questions, please do not hesitate to call me.

Yours truly,

A handwritten signature in blue ink that reads "Lachuta".

Lisa Lachuta, P.Eng.
Project Engineer

PROJECT NO. 17028-00
 OPENING DATE: Aug 10, 2017

**SUMMARY OF TENDERS RECEIVED
 FOR TENDER OPENING PURPOSES**



Re: **Union Water Supply System Essex Tank Rehabilitation Proj 17028-00**

Description: **Recoating interior and exterior, miscellaneous safety upgrades**

Engineer: OCWA PPDG

Tender Deposit: **\$75,000**

Opening Committee (Signatures)

1	
2	
3	

	Name of Tenderer	Bid Deposit	Addendum Acknowledged	Use of Specified Label	Statements A, B C	Bid Amount	Provisional Items	Credit for Alternate Paint	Credit for Delay of Project	Agreement to Bond	Cost to Extend Validity Period	Time to Complete (weeks)
1	Dayson	\$75,000	Yes	Y	Y	\$1,147,620	\$40,080	\$26,000	\$30,000	Y	\$0.00	22
2	Landmark	\$75,000	Yes	Y	Y	\$1,705,500	\$28,500	No Alternate	\$315,000	Y	\$0.00	20
3	JDCMI	\$75,000	Yes	Y	Y ¹	\$1,075,900	\$54,900	No Alternate	\$30,000	Y	\$0.00	16
4	MacDonald Applicators	\$75,000	Yes	Y	Y	\$1,285,907	\$61,840	No Alternate	\$0	Y	\$0.00	16

¹ Subcontractor for waste disposal not yet known

Union Water Supply Essex Tank Rehabilitation

Item	Title	Description			Dayson	Landmark	JDCMI	MacDonald
A	Mobilization & Demobilization	Mobilization and demobilization at the job site of offices, stores, conveniences, other temporary facilities, construction plant, and other items not required to form part of the permanent works not covered by other items of the Schedule of Items and Prices (refer to Clause 31 of Information for Tenderers).	L.S.	\$ _____	\$59,360.00	\$100,000.00	\$51,500.00	\$47,541.00
B	Lifts & Cranes	Supply all lifts, cranes and swing stages as may be required.	L.S.	\$ _____	\$32,750.00	\$30,000.00	\$1,000.00	\$30,700.00
C	Insurance and Bonds	Cost of Insurance and Bonds as specified	L.S.	\$ _____	\$39,390.00	\$40,000.00	\$21,000.00	\$22,036.00
D	Collection and storage of soil samples as specified		L.S.	\$ _____	\$900.00	\$1,000.00	\$500.00	\$328.00
E	Enclosure	Supply all labour, equipment and materials to enclose the tank completely as required for lead abatement and including the air filtration system and dust collection system. This price includes installation, operation and removal cost.	L.S.	\$ _____	\$13,690.00	\$100,000.00	\$79,300.00	\$89,502.00
F	Scaffolding	Design, supply and install a rigid scaffold system to enable complete removal of the existing exterior coating system surface preparation and application of a new coating system as specified. The cost shall include supply, erection and dismantling of the scaffold system as required.	L.S.	\$ _____	\$267,300.00	\$275,000.00	\$222,600.00	\$260,000.00
H	Surface Preparation and Recoating of Interior	The Tenderer shall include here all costs for abrasive blasting, cleaning, surface preparation and painting of the internal surface of the tank and internal appurtenances (such as pipes, rails, rungs, supports, and inclusive of newly constructed items if any etc.) as specified. Removal of weld slag, weld residue, or grinding of welds or weld fill, as part of the surface preparation is included in this item	L.S.	\$ _____	\$151,900.00	\$360,000.00	\$186,400.00	\$229,856.00
I	Surface Preparation and Recoating of Exterior	The Tenderer shall include here all costs for abrasive blasting cleaning, surface preparation and painting of the external surface of the tank and external appurtenances (such as pipes, rails, ladder, columns, supports, covers and inclusive of newly constructed items). The cost shall include the supply of all labour, equipment and materials for cleaning the surfaces, preparing the surfaces and painting the surfaces as specified.	L.S.	\$ _____	\$283,985.00	\$500,000.00	\$257,400.00	\$318,643.00
J	Installation of logo	Supply all labour, materials and equipment to apply the wave, crest, "essex" logo, and the words "Essex Center" on the exterior surface of the Tank as specified.	L.S.	\$ _____	\$17,835.00	\$30,000.00	\$19,500.00	\$25,690.00
K	Foundation Repair	Remove loose concrete and grout, brush blast to clean surface, fill in holes and spalls with suitable cementous grout and apply breathable cementous coating over exposed concrete foundation footings.	L.S.	\$ _____	\$5,250.00	\$5,000.00	\$4,000.00	\$6,500.00
L	Extend Catwalk Guard Rail	Design, fabricate and install extension of existing catwalk guard rail.	L.S.	\$ _____	\$15,750.00	\$15,000.00	\$30,400.00	\$8,060.00
M	New Ladder	Design, fabricate and install a new ladder to top of roof, with seat rests, lockable hinged ladder gate; include all costs for modifications to catwalk and roof guard rails needed to accommodate new ladder.	L.S.	\$ _____	\$47,250.00	\$45,000.00	\$35,400.00	\$48,717.00
N	D-Ring Tie Off	Six (6) D-Ring tie offs for new ladder	L.S.	\$ _____	\$2,100.00	\$2,000.00	\$1,600.00	\$3,510.00
O	Expand Roof Manway	Design, fabricate and install an expanded roof manway 24" x 30", complete with hinged hatch cover, to replace existing manway; include all costs for modifications to existing roof railing and existing davit base to accommodate expanded manway as may be required.	L.S.	\$ _____	\$5,250.00	\$5,000.00	\$7,700.00	\$10,790.00
P	New Shell Manway (to be field located)	Design, fabricate and install a new 30" shell manway with all appurtenances and required modifications to catwalk as specified.	L.S.	\$ _____	\$21,000.00	\$20,000.00	\$18,400.00	\$22,490.00
Q	Davit Base	Supply and install one (1) Davit Bases on catwalk for the new shell manway, to be field located.	L.S.	\$ _____	\$3,150.00	\$3,000.00	\$3,900.00	\$7,020.00
R	Valve Chamber Rehabilitation	Complete repairs to valve chamber- repair cracks, spalls in walls, ceiling and floor, clean and prepare surfaces of valves and pipes and pipe specials and paint as specified.	L.S.	\$ _____	\$8,995.00	\$10,000.00	\$5,000.00	\$11,050.00
S	Complete Miscellaneous Tasks	As specified in Section 2.10.8	L.S.	\$ _____	\$3,150.00	\$3,000.00	\$7,700.00	\$3,900.00

Union Water Supply Essex Tank Rehabilitation

Item	Title	Description			Dayson	Landmark	JDCMI	MacDonald
T	Cleanup, Disposal of Waste and Site Restoration	The Tenderer shall include the cost to collect and safely dispose of all paint residue, waste, unwanted items, and debris resulting from the work. The Tenderer shall also include in this item the cost to carry out remedial and reinstatement work to the grounds that may have been damaged in the process of the work. This amount shall include supply of top soil and sod as may be required.	L.S.	\$_____				
					\$30,000.00	\$15,000.00	\$6,500.00	\$3,250.00
U	Disposal of Non-Hazardous Blast Material	Disposal of all blast material as non-hazardous waste	L.S.		\$6,840.00	\$15,000.00	\$12,700.00	\$11,620.00
V	Check Valve	Supply and install Tideflex check valve on end of overflow pipe	L.S.	\$_____	\$3,675.00	\$3,500.00	\$2,400.00	\$4,160.00
W	Lighting	Design, supply and install lighting system on catwalk for logo	L.S.	\$_____	\$21,000.00	\$20,000.00	\$17,500.00	\$18,460.00
X	Other Requirements	Other requirements (lump sum to cover all other requirements of the Contract not specifically covered by or related to the preceding items hereof)	L.S.		\$24,100.00	\$25,000.00	\$500.00	\$19,084.00
Y	Cash Allowance – Antenna	This cash allowance is to be used to pay for the services for the removal, relocation and reinstallation of communication antennas. This work shall be undertaken by the antennas owners' representatives.	L.S.		\$8,000.00	\$8,000.00	\$8,000.00	\$8,000.00
Z		Contingency allowance	L.S.	\$75,000.00	\$75,000.00	\$75,000.00	\$75,000.00	\$75,000.00
AA	Sub-Total 1 (ITEMS A-Z)				\$1,147,620.00	\$1,705,500.00	\$1,075,900.00	\$1,285,907.00

UW/27/17

To: Chair and Members of the Union Water Supply System Joint Board of Management

From: Rodney Bouchard, Union Water Manager

Date: September 15, 2017

Re: Payments for the UWSS from July 29 to September 15, 2017



Aim:

To provide the Board with a copy of payments made by the Union Water Supply System from July 29 to September 15, 2017.

Recommendation:

For information purposes.

Respectfully submitted,



Rodney Bouchard, Manager
Union Water Supply System Joint Board of Management
rb/kmj

Filename: t:\union wtr\reports to board\2017\uw27-17 payments july 29 to september 15, 2017.docx



Vendor : 001410 To PT00000138
Batch : All
Department : All

Cheque Print Date : 03-Aug-2017 To 03-Aug-2017
Bank : 07 To 08
Class : All

Vendor Invoice	Vendor Name Description				GL Account Name	Batch Invc Date	Invc Due Date	Amount	
G.L. Account	CC1	CC2	CC3						
DEPARTMENT 0700 Union Water System									
010103 ASSOCIATED ENGINEERING (ONT) LTD									
522883	DAF PILOT STUDY					422 20-Jul-2017	03-Aug-2017		
70-5-0700-7989	002070				Operational Programs & Studies			34,779.15	
522884	SCADA SYSTEM UPGRADES					422 20-Jul-2017	03-Aug-2017		
70-7-0700-8780					SCADA System			4,633.00	
522885	CO2 BENCH TESTING					422 20-Jul-2017	03-Aug-2017		
70-5-0700-7989	002070				Operational Programs & Studies			6,798.31	
050195 ESSEX POWERLINES CORPORATION									
220651-JUN17	6-75KWH - METER#4					422 26-Jul-2017	03-Aug-2017		
70-5-0700-7420	002073				Electricity			56.14	
70-5-0700-7420	002073				Electricity			-3.97	
060975 FVB ENERGY INC									
1005609	CHP - PROJECT					422 30-Jun-2017	03-Aug-2017		
70-5-0700-7989	002070				Operational Programs & Studies			2,898.45	
080250 HYDRO ONE NETWORKS INC									
200141683726	JUN/17 HYDRO - METER#15					422 24-Jul-2017	03-Aug-2017		
70-5-0700-7420	002073				Electricity			33.32	
70-5-0700-7420	002073				Electricity			-2.36	
200220161473	JUN/17 HYDRO - METER#14					422 24-Jul-2017	03-Aug-2017		
70-5-0700-7420	002073				Electricity			33.49	
70-5-0700-7420	002073				Electricity			-2.37	
70-5-0700-7420	002073				Electricity			33.90	
210120 UNION GAS LTD									
JUN-JUL17 21;	115.782M3 GAS - LOW LIFT					422 25-Jul-2017	03-Aug-2017		
70-5-0700-7410	002073				Gas			59.88	
Department Totals :									49,316.94



Vendor : 001410 To PT00000138
 Batch : All
 Department : All

Cheque Print Date : 14-Aug-2017 To 18-Aug-2017
 Bank : 07 To 08
 Class : All

Vendor Invoice	Vendor Name Description	Batch	Inv Date	Inv Due Date	Amount
G.L. Account	CC1 CC2 CC3 GL Account Name				
DEPARTMENT 0700	Union Water System				
010103 ASSOCIATED ENGINEERING (ONT) LTD					
522948	DAF PILOT STUDY	445	11-Aug-2017	17-Aug-2017	
70-5-0700-7989	002070 Operational Programs & Studies				776.08
522949	SCADA UPGRADES	445	11-Aug-2017	17-Aug-2017	
70-7-0700-8780	SCADA System				4,053.88
522950	CO2 PH BENCH TESTING - AUG4	445	11-Aug-2017	17-Aug-2017	
70-5-0700-7989	002070 Operational Programs & Studies				2,036.26
200348 CORPORATION OF THE TOWN OF KINGSVILLE					
300-01000 AUC TAXES - 1391 UNION AVE - LOW LIFT		445	16-Aug-2017	17-Aug-2017	
70-5-0700-6750	002072 Property Tax				5,783.24
300-20100 AUC TAXES - 1615 UNION - RUTHVEN WATER TREATMENT		445	16-Aug-2017	17-Aug-2017	
70-5-0700-6750	002072 Property Tax				55,375.20
590-02800 AUC TAXES - 163 CTY RD34E - COTTAM BOOSTER STN		445	16-Aug-2017	17-Aug-2017	
70-5-0700-6750	002072 Property Tax				8,901.08
030515 CUETS FINANCIAL					
FREDDYS-JUL LUNCH - MEETING WITH OCWA OPS MGR		445	11-Jul-2017	17-Aug-2017	
70-5-0700-7052	002070 Meeting Expenses				25.43
MARKS-JUL25 WORK BOOTS		445	25-Jul-2017	17-Aug-2017	
70-5-0700-7070	002070 Uniforms & Clothing				169.49
WEF-90004711 WATER ENVIRONMENT FED. MEMBER		445	12-Jul-2017	17-Aug-2017	
70-5-0700-7020	002070 Dues, Memberships and Subscriptions				303.67
050003 E.L.K. ENERGY INC					
40010915-JUN 1268KWH - ESSEX WATER TOWER		445	01-Aug-2017	17-Aug-2017	
70-5-0700-7420	002073 Electricity				-17.98
70-5-0700-7420	002073 Electricity				253.98
40047150-JUN 359KWH - METER #9		445	01-Aug-2017	17-Aug-2017	
70-5-0700-7420	002073 Electricity				-6.03
70-5-0700-7420	002073 Electricity				85.20
51976611-JUN KINGSVILLE WATER TOWER		445	01-Aug-2017	17-Aug-2017	
70-5-0700-7420	002073 Electricity				-14.93
70-5-0700-7420	002073 Electricity				210.91
70-5-0700-7420	002073 Electricity				6.76
90006300-JUN 33840KWH - COTTAM BOOSTER STN		445	01-Aug-2017	17-Aug-2017	
70-5-0700-7420	002073 Electricity				7,119.05
060072 FLOWMETRIX TECHNICAL SERVICES INC					
4935	METER STUDY (METERS 4&14)	445	26-Jun-2017	17-Aug-2017	
70-5-0700-7989	002070 Operational Programs & Studies				2,377.98
4998	METER STUDY (METERS 14&27)	445	31-Jul-2017	17-Aug-2017	
70-5-0700-7989	002070 Operational Programs & Studies				2,245.20
5002	METER STUDY (METERS 27&8)	445	03-Aug-2017	17-Aug-2017	
70-5-0700-7989	002070 Operational Programs & Studies				2,298.88
080250 HYDRO ONE NETWORKS INC					
200141677460 JUL/17 HYDRO - RUTHVEN WATER TREATMENT PLANT		445	08-Aug-2017	17-Aug-2017	
70-5-0700-7420	002073 Electricity				81,409.59
200141680692 JUL/17 HYDRO - LOW LIFT		445	08-Aug-2017	17-Aug-2017	
70-5-0700-7420	002073 Electricity				47,790.30
200141680894 JUN/17 HYDRO - LEAM. WATER TOWER		445	01-Aug-2017	17-Aug-2017	
70-5-0700-7420	002073 Electricity				-48.28
70-5-0700-7420	002073 Electricity				681.86



Vendor : 001410 To PT00000138
Batch : All
Department : All

Cheque Print Date : 14-Aug-2017 To 18-Aug-2017
Bank : 07 To 08
Class : All

Vendor Invoice	Vendor Name Description	Batch	Inv Date	Inv Due Date	Amount
G.L. Account	CC1 CC2 CC3 GL Account Name				
DEPARTMENT 0700 Union Water System					
200141681706	JUN/17 HYDRO - METER#2	445	28-Jul-2017	17-Aug-2017	
70-5-0700-7420	002073 Electricity				-2.72
70-5-0700-7420	002073 Electricity				38.41
200141682009	JUN/17 HYDRO - ALBUNA WATER TOWER	445	31-Jul-2017	17-Aug-2017	
70-5-0700-7420	002073 Electricity				-28.51
70-5-0700-7420	002073 Electricity				402.73
200141683019	JUN/17 HYDRO - METER#3	445	31-Jul-2017	17-Aug-2017	
70-5-0700-7420	002073 Electricity				-2.84
70-5-0700-7420	002073 Electricity				40.03
200141683120	JUN/17 HYDRO - METER#5	445	31-Jul-2017	17-Aug-2017	
70-5-0700-7420	002073 Electricity				-2.41
70-5-0700-7420	002073 Electricity				34.09
200141683423	JUN/17 HYDRO - METER#6	445	31-Jul-2017	17-Aug-2017	
70-5-0700-7420	002073 Electricity				-2.37
70-5-0700-7420	002073 Electricity				33.53
200141683524	JUN/17 HYDRO - METER#8	445	28-Jul-2017	17-Aug-2017	
70-5-0700-7420	002073 Electricity				33.42
70-5-0700-7420	002073 Electricity				-2.37
200141687362	JUN/17 HYDRO - METER#22	445	28-Jul-2017	17-Aug-2017	
70-5-0700-7420	002073 Electricity				-2.40
70-5-0700-7420	002073 Electricity				34.02
200141687766	JUN/17 HYDRO - METER#29	445	28-Jul-2017	17-Aug-2017	
70-5-0700-7420	002073 Electricity				-2.50
70-5-0700-7420	002073 Electricity				35.36
200141687867	JUN/17 HYDRO - METER#24	445	28-Jul-2017	17-Aug-2017	
70-5-0700-7420	002073 Electricity				-2.35
70-5-0700-7420	002073 Electricity				33.22
200141690190	JUN/17 HYDRO - METER#26	445	26-Jul-2017	17-Aug-2017	
70-5-0700-7420	002073 Electricity				-10.61
70-5-0700-7420	002073 Electricity				149.87
200152134969	JUL/17 HYDRO - METER#17	445	08-Aug-2017	17-Aug-2017	
70-5-0700-7420	002073 Electricity				-2.38
70-5-0700-7420	002073 Electricity				33.59
150365 ONTARIO CLEAN WATER AGENCY					
INV000096185	JUL/17 OPER&MTCE	445	31-Jul-2017	17-Aug-2017	
70-5-0700-6720	002071 OCWA Operating Contract				223,405.71
180325 RICOH CANADA INC					
SCO91635107	COPIER CONTRACT - JUN19-JUL30	445	31-Jul-2017	17-Aug-2017	
70-5-0700-7010	002070 Office Supplies				88.25
190755 SUN LIFE ASSURANCE COMPANY OF CANADA					
AUG-17	UNION WATER LOAN 3724:1	445	01-Aug-2017	17-Aug-2017	
70-5-0700-6000	002020 006901 Debenture Principal				151,165.47
70-5-0700-6100	002010 006901 Debenture Interest				124,198.60
210120 UNION GAS LTD					
JUL-AUG17 17	20.983M3 GAS - COTTAM BOOSTER STN	445	11-Aug-2017	17-Aug-2017	
70-5-0700-7410	002073 Gas				30.30
Department Totals :					721,511.96



Vendor : 001410 To PT00000138
 Batch : All
 Department : All

Cheque Print Date : 24-Aug-2017 To 25-Aug-2017
 Bank : 07 To 08
 Class : All

Vendor Invoice	Vendor Name Description				GL Account Name	Batch Invc Date	Invc Due Date	Amount	
G.L. Account	CC1	CC2	CC3						
DEPARTMENT 0700 Union Water System									
020120 BELL MOBILITY CELLULAR									
514877178-AU	MONTHLY CELL PHONE CHARGES					454	01-Aug-2017	24-Aug-2017	
70-5-0700-7110	002070	002083		Telecommunications Usage				63.28	
080250 HYDRO ONE NETWORKS INC									
200208899066	JUL/17 HYDRO - METER#16					459	15-Aug-2017	24-Aug-2017	
70-5-0700-7420	002073			Electricity				96.15	
70-5-0700-7420	002073			Electricity				-6.81	
190185 SGS CANADA INC. ENVIRONMENTAL SERVICES									
11078616	WATER QUALITY STUDIES-CORROSION-UWSS					459	28-Jul-2017	24-Aug-2017	
70-5-0700-7989	002075			Operational Programs & Studies				1,673.53	
11078620	WATER QUALITY STUDIES-CORROSION-ESSEX					459	28-Jul-2017	24-Aug-2017	
70-5-0700-7989	002075			Operational Programs & Studies				98.31	
11078637	WATER QUALITY STUDIES-CORRISION-LEAMINGTON					459	28-Jul-2017	24-Aug-2017	
70-5-0700-7989	002075			Operational Programs & Studies				98.31	
11078694	WATER QUALITY STUDIES-CORROSION-LAKESHORE					459	28-Jul-2017	24-Aug-2017	
70-5-0700-7989	002075			Operational Programs & Studies				196.62	
Department Totals :								2,219.39	



Vendor : 001410 To PT00000138
 Batch : All
 Department : All

Cheque Print Date : 29-Aug-2017 To 08-Sep-2017
 Bank : 07 To 08
 Class : All

Vendor Invoice	Vendor Name Description	Batch	Invc Date	Invc Due Date	Amount
G.L. Account	CC1 CC2 CC3 GL Account Name				
DEPARTMENT 0700 Union Water System					
050003 E.L.K. ENERGY INC					
40010915-JUL	JUL/17 HYDRO - ESSEX WATER TOWER	494	01-Sep-2017	07-Sep-2017	
70-5-0700-7420	002073 Electricity				-15.15
70-5-0700-7420	002073 Electricity				214.05
40047150-JUL	JUL/17 HYDRO - METER#9	494	01-Sep-2017	07-Sep-2017	
70-5-0700-7420	002073 Electricity				-5.32
70-5-0700-7420	002073 Electricity				75.19
51976611-JUL	JUL/17 HYDRO - KINGSVILLE WATER TOWER	494	01-Sep-2017	07-Sep-2017	
70-5-0700-7420	002073 Electricity				-14.09
70-5-0700-7420	002073 Electricity				199.05
90006300-JUL	JUL/17 HYDRO - COTTAM BOOSTER STN	494	01-Sep-2017	07-Sep-2017	
70-5-0700-7420	002073 Electricity				6,093.75
050195 ESSEX POWERLINES CORPORATION					
220651-JUL17	14KWH - METER#4	494	22-Aug-2017	07-Sep-2017	
70-5-0700-7420	002073 Electricity				39.76
060975 FVB ENERGY INC					
1005652	CHP PROJECT	494	31-Jul-2017	07-Sep-2017	
70-5-0700-7989	002070 Operational Programs & Studies				1,943.60
080197 HOSKIN SCIENTIFIC LIMITED					
R55300	BLUE/GREEN ALGAE PROBE REPAIR	494	30-Aug-2017	07-Sep-2017	
70-7-0700-8795	Water Quality/Level Instrumentation				11,758.78
080250 HYDRO ONE NETWORKS INC					
200141680894	JUL/17 HYDRO - LEAM. WATER TOWER	494	30-Aug-2017	07-Sep-2017	
70-5-0700-7420	002073 Electricity				-39.75
70-5-0700-7420	002073 Electricity				561.54
200141681706	JUL/17 HYDRO - METER#2	494	25-Aug-2017	07-Sep-2017	
70-5-0700-7420	002073 Electricity				-2.90
70-5-0700-7420	002073 Electricity				40.90
200141682009	JUL/17 HYDRO - ALBUNA WATER TOWER	494	30-Aug-2017	07-Sep-2017	
70-5-0700-7420	002073 Electricity				322.34
70-5-0700-7420	002073 Electricity				-22.82
200141683019	JUL/17 HYDRO - METER#3	494	30-Aug-2017	07-Sep-2017	
70-5-0700-7420	002073 Electricity				-2.59
70-5-0700-7420	002073 Electricity				36.67
200141683120	JUL/17 HYDRO - METER#5	494	30-Aug-2017	07-Sep-2017	
70-5-0700-7420	002073 Electricity				-2.38
70-5-0700-7420	002073 Electricity				33.61
200141683423	JUL/17 HYDRO - METER#6	494	30-Aug-2017	07-Sep-2017	
70-5-0700-7420	002073 Electricity				-2.36
70-5-0700-7420	002073 Electricity				33.27
200141683524	JUL/17 HYDRO - METER#8	494	25-Aug-2017	07-Sep-2017	
70-5-0700-7420	002073 Electricity				-2.38
70-5-0700-7420	002073 Electricity				33.70
200141683726	JUL/17 HYDRO - METER#15	494	23-Aug-2017	07-Sep-2017	
70-5-0700-7420	002073 Electricity				-2.35
70-5-0700-7420	002073 Electricity				33.21
200141687362	JUL/17 HYDRO - METER#22	494	25-Aug-2017	07-Sep-2017	
70-5-0700-7420	002073 Electricity				-4.85
70-5-0700-7420	002073 Electricity				68.41
200141687766	JUL/17 HYDRO - METER#29	494	25-Aug-2017	07-Sep-2017	



Vendor : 001410 To PT00000138
 Batch : All
 Department : All

Cheque Print Date : 29-Aug-2017 To 08-Sep-2017
 Bank : 07 To 08
 Class : All

Vendor Invoice	Vendor Name Description	Batch	Inv Date	Inv Due Date	Amount
G.L. Account	CC1 CC2 CC3 GL Account Name				
DEPARTMENT 0700 Union Water System					
70-5-0700-7420	002073 Electricity				-2.45
70-5-0700-7420	002073 Electricity				34.71
200141687867	JUL/17 HYDRO - METER#24	494	25-Aug-2017	07-Sep-2017	
70-5-0700-7420	002073 Electricity				33.21
70-5-0700-7420	002073 Electricity				-2.35
200141690190	JUL/17 HYDRO - METER#26	494	24-Aug-2017	07-Sep-2017	
70-5-0700-7420	002073 Electricity				-8.71
70-5-0700-7420	002073 Electricity				2.09
70-5-0700-7420	002073 Electricity				122.98
200220161473	JUL/17 HYDRO - METER#14	494	23-Aug-2017	07-Sep-2017	
70-5-0700-7420	002073 Electricity				-2.37
70-5-0700-7420	002073 Electricity				33.49
130838 MUNICIPALITY OF LEAMINGTON					
530-17700	SEF TAXES - LEAMINGTON WATER TOWER	494	07-Sep-2017	07-Sep-2017	
70-5-0700-6750	002072 Property Tax				851.00
160530 PRICEWATERHOUSE COOPERS LLP					
TR137175166	RESTRUCTURING CONSULTANT	494	30-Aug-2017	07-Sep-2017	
70-5-0700-7950	002070 Professional Services				9,165.02
210120 UNION GAS LTD					
JUL-AUG17 20	31.063M3 GAS - RUTHVEN WATER TREATMENT	494	23-Aug-2017	07-Sep-2017	
70-5-0700-7410	002073 Gas				88.76
JUL-AUG17 21	33.887M3 GAS - LOW LIFT	494	25-Aug-2017	07-Sep-2017	
70-5-0700-7410	002073 Gas				34.32
230710 WOLSELEY CANADA INC					
5807323	DENSO TAPE/PROFILE MASTIC/PASTE-METER#3	494	24-Aug-2017	07-Sep-2017	
70-7-0700-8750	002201 Watermains				14,727.24
Department Totals :					46,447.83