



# Memorandum

*Office of the City Clerk*  
*Fax: 623-5468*  
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**TO:** Members of Council  
**FROM:** Ms. D. Earle, Deputy City Clerk  
**DATE:** Friday, March 6, 2020  
**SUBJECT:** **Additional Information/New Business**  
**Committee of the Whole – March 9, 2020**

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## COMMITTEE OF THE WHOLE

### **Additional Information**

1. Report No. R 24/2020 - Contract 11, 2020 Boulevard Lake Dam
2. Revised Memorandum from Mayor B. Mauro, dated February 24, 2020 relative to Budget 2021 – Proposed Changes to Meeting Schedule.

### **New Business**

1. Memorandum from Mayor B. Mauro, dated March 3, 2020, relative to Funding Concern – Police Services – Guns and Gangs.
2. Memorandum from Ms. K. Dixon, Director – Engineering & Operations dated March 4, 2020 relative to Capital Budget 2020 Recommended Reallocations.

/kp

<b>DEPARTMENT/ DIVISION</b>	Infrastructure & Operations - Engineering & Operations	<b>REPORT NO.</b>	R 24/2020
<b>DATE PREPARED</b>	02/12/2020	<b>FILE NO.</b>	
<b>MEETING DATE</b>	03/09/2020 (mm/dd/yyyy)		
<b>SUBJECT</b>	Contract 11, 2020 Boulevard Dam		

## **RECOMMENDATION**

With respect to Report No. 24/2020 (Infrastructure & Operations - Engineering & Operations) we recommend that Contract 11, 2020 for Boulevard Lake Dam Rehabilitation be awarded to 2563732 Ontario Ltd. (Concrete Walls) who submitted the lowest revised tender in the amount of \$7,237,283.84 [inclusive of HST]; it being noted that the amount shown is based on estimated quantities; final payment for this contract will be based on measured quantities for the completed work;

AND THAT consulting engineering services be single sourced to the firm of JML Engineering Ltd. with an agreement approved in the amount of \$1,283,881.27 [inclusive of HST] for construction administration associated with this contract;

AND THAT further consulting services and allocations required for archaeology and heritage assessments be awarded as noted in this report;

AND THAT the General Manager of Infrastructure and Operations report any circumstances to City Council should any significant variations in the contract quantities occur;

AND THAT the Mayor and City Clerk be authorized to sign all documentation related to these matters;

AND THAT any necessary bylaws be presented to City Council for ratification

## **LINK TO STRATEGIC PLAN**

This report directly supports the Goal to Rehabilitate Boulevard Lake Dam under the Renew pillar of the City of Thunder Bay 2019 – 2022 Corporate Strategic Plan *One City, Growing Together*.

## ***EXECUTIVE SUMMARY***

The most recent Municipal Class Environmental Assessment (EA) to rehabilitate Boulevard Lake Dam commenced in 2016. As this process winds down, detailed design was completed based upon the recommendations in the Environmental Study Report completed for the EA to be submitted in March 2020, including updated cultural heritage requirements. We expect the EA to be approved in May 2020.

This project includes extensive concrete repairs to the dam, installation of new post tension tendons throughout the dam, installation of mechanical gates with the ability to automate dam operations, widening of the walkway over the dam, as well as lighting.

2563732 Ontario Ltd. (Concrete Walls) was the lowest tender for the project. The team assigned to the project has various heavy civil construction experience, as well as experience managing and supervising work for the City under different companies. Based on a detailed review of their work plan, resource allotment and methodology, both administration and the consultant responsible for design recommend Concrete Walls as being capable of carrying out the work involved in the contract.

## ***DISCUSSION***

### **Contract Award**

As a result of the call for tenders, seven [7] responses as listed below were received for the Boulevard Lake Dam Rehabilitation. The total tendered costs include the applicable HST. The bids have been checked for mathematical errors and the corrections noted.

Contractor	Tendered Cost	Corrected Bid
Concrete Walls	\$7,279,829.42	\$7,237,283.84
Landform Civil	\$12,402,588.46	\$12,403,402.06
Terra North	\$12,931,159.52	
Tom Jones	\$13,448,355.18	\$13,447,246.74
BOT	\$13,673,000.00	\$13,670,740.00
LH North	\$16,947,279.58	\$16,575,500.87
MTM-2	\$17,162,435.30	\$16,966,674.10

The pretender engineering estimate for the work on this contract was \$13,621,020.00.

JML Engineering has been working on the Boulevard Lake Dam project since its inception in 2008 and have been involved in the design and environmental assessment process since that time. Administration recommends JML Engineering to provide contract administration services and full time inspection services for the project at a cost of \$1,283,881.27 [HST included].

Ordering of equipment and permitting is expected to start following award. Site work cannot proceed until the Environmental Assessment is approved by the Ministry of Environment, Conservation and Parks. This approval is expected in May 2020 based on the Environmental Study Report being submitted in March 2020. Work will pause in November 2020 after completion of the first phase of the work. It will resume in the spring of 2021 until full project completion in November of 2021. Water levels in Boulevard Lake will be lowered beginning in June of 2020, and remain in a lowered state until the end of the first year of work in 2020. This will impact recreation use of the lake during the coming summer. The walking path along the top of the dam will remain closed for the full duration of the project.

### **Municipal Class Environmental Assessment Requirements**

As a result of the Municipal Class Environmental Assessment recommendations, a number of tasks are required to be completed during construction.

During the Environmental Assessment process an archeological assessment of the dam and surrounding areas was completed. One of the final recommendations of the assessment included and investigation of the sediment at the upstream face of the dam once water levels were dropped to construct the coffer dams. Scarlett Janusas Archaeology Inc. was engaged to conduct the assessment as a part of the MCEA process. Administration recommends this firm be retained to complete the investigation at a cost of \$18,984.00 [HST included]. Fort William First Nation and Red Sky Metis Independent Nation have expressed interest in being on site when this investigation is being completed. An allowance has been made for this.

The potential heritage value of the dam was also flagged by the Ministry of Tourism, Culture and Sport during the MCEA process. As a result of the investigations and reporting with respect to these concerns, and with the support of the Heritage Advisory Committee, it was recommended the Dam be designated as a Heritage structure once construction is complete.

A number of measures were recommended to mitigate impacts to the heritage features of the dam during construction. These mitigation measures have been proactively incorporated into the design, however, inspection of the measures by a qualified professional, and documentation of the dam rehabilitation were also noted as key requirements during construction.

The Heritage reports were completed with consultation by Tacoma Engineers, a consultant with experience in restoring heritage structures. Administration recommends Tacoma Engineers be retained to complete work as per the heritage reports to ensure heritage mitigation measures are completed as per recommendations at a cost of \$6,780.00 [HST included].

Administration is currently looking for appropriate personnel for documentation during construction. While we explore the requirements for this person, Administration suggests including of an allowance of \$10,000 [HST included] to procure this service.

***FINANCIAL IMPLICATIONS***

Funding for the dam rehabilitation was included in the 2019 Capital Budget and obtained through the Disaster Mitigation and Adaptation Fund provided by the Federal Government. The following summary of project costs to complete the work is presented based on the low contract tender and contract administration provided by the consultant.

<b>Summary of Expenditures</b>	<b>Monetary Amounts</b>
Revised Contract Tender Price	\$7,237,283.84
Contract Administration and Inspection	\$1,283,881.27
Archaeology	\$ 18,984.00
Heritage Inspections	\$ 6,780.00
<b>Contract Total</b>	<b>\$8,546,929.11</b>
HST Rebate	(\$ 850,154.72)
<b>SUBTOTAL</b>	<b>\$7,696,774.39</b>
Heritage Documentation (estimate)	\$ 10,000.00
First Nation Monitoring Allowance (estimate)	\$ 10,000.00
<b>TOTAL</b>	<b>\$7,716,774.39</b>

The contract includes a contingency allowance for work that is unforeseen and can only be expended with the approval of the General Manager of Infrastructure and Operations.

***CONCLUSION***

It is concluded that Contract 11, 2020 should be awarded to the lowest tender, Concrete Walls, and that all work should proceed.

It is also concluded that contract administration services should be awarded to the firm JML Engineering Ltd. and further consulting services and allocations for archaeology and heritage be awarded as noted in the report.

***BACKGROUND***

None.

***REFERENCE MATERIAL ATTACHED:***

None.

***PREPARED BY: Mike Vogrig, P.Eng.***

<p>THIS REPORT SIGNED AND VERIFIED BY: (NAME OF GENERAL MANAGER)</p> <p>Kerri Marshall, General Manager – Infrastructure &amp; Operations</p>	<p>DATE:</p> <p>March 6, 2020</p>
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# Memorandum

*Office of the City Clerk*  
**Fax:** 623-5468  
**Telephone:** 625-2230

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**TO:** Ms. Krista Power, City Clerk  
**FROM:** Mayor B. Mauro  
**DATE:** February 24, 2020  
**SUBJECT:** Revised - Budget 2021 – Proposed Changes to the Meeting Schedule  
March 9, 2020 – Committee of the Whole

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The 2020 Tax and Rate Operating and Capital Budget for the City of Thunder Bay was ratified on Monday February 10, 2020. The date of ratification has been brought forward from previous years when the budget was not confirmed until mid-March. It is my goal that this process can be moved forward even further in order for the Corporation to begin each year with an approved budget.

Many municipalities complete their budget deliberations and meetings associated with the budget in December of each year, it is my hope that City Council will consider this change in order to better align with our actual year end spending.

In order to achieve this change for 2021, the following motion is provided for Council's consideration.

With Respect to the 2021 Tax Supported & Rate Supported Operating and Capital Budget for the City of Thunder Bay, we recommend that Administration report back on the potential of the budget approval and ratification process to be rescheduled to take place in December on an annual basis;

AND THAT Administration report back on the feasibility of making this change in advance of the 2021 budget;

AND THAT the report include a potential draft schedule of meetings and associated budget calendar deadlines;

AND THAT the report be presented on or before March 23, 2020;

AND THAT any necessary by-laws be presented to City Council for ratification.

c.c. Linda Evans, General Manger – Corporate Services & Long Term Care  
Norm Gale, City Manager

## **Memorandum**

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**TO:** Ms. Krista Power, City Clerk

**FROM:** Mayor B. Mauro

**DATE:** March 3, 2020

**SUBJECT:** Funding Concern – Police Service – Guns and Gangs  
March 9, 2020 – Committee of the Whole

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On behalf of Council, as the Mayor of Thunder Bay, and in light of the fact that the City of Thunder Bay's Police Services has been unsuccessful in securing Guns and Gangs funding from the Province of Ontario, we need to advocate for financial support to keep our City safe and ensure the health and well-being of the citizens of Thunder Bay and those visiting our community.

Thunder Bay is a service hub for Northwestern Ontario for many reasons such as; health services, education opportunities, as well as for services and supports for addictions and mental health. There are many factors that contribute to our city being vulnerable to gang and gun related activity.

As such, I present the following motion for Council's consideration:

With respect to the repeated requests for funding relative to guns and gangs, we recommend that the City Council continue to call on the Provincial Government for action and assistance in providing the City of Thunder Bay with additional core funding as well as Guns and Gangs Funding to deal with this issue;

AND THAT the Inter-Governmental Affairs Committee continue to make this a chief priority in lobbying efforts with both the Provincial and Federal Governments;

AND THAT the Inter-Governmental Affairs Committee write a letter to Minister Patty Hajdu and MP Marcus Powlowski requesting that they consider the possibility of direct funding to the City of Thunder Bay to combat gun and gang issues;

AND THAT a copy of this resolution be sent to all relevant Provincial and Federal ministers;

AND THAT all necessary by-laws be present to Council for ratification.



c.c. Councillor B. McKinnon – Chair - IGAC  
Chief Sylvie Hauth, TBPS  
Ms. G. Morriseau, Chair - TBPSB  
Mr. N. Gale, City Manager

# Memorandum

**TO:** Members of Council

**FROM:** Kayla Dixon, P. Eng., MBA  
Director of Engineering & Operations

**DATE:** March 4, 2020

**SUBJECT:** COW March 9, 2020 – Capital Budget 2020 Recommended Reallocations

As per memorandum Budget 2020 – Capital Projects dated January 27, 2020 presented to the January 29, 2020 budget meeting, capital funds in the amount of \$1,106,000 are available for reallocation in 2020. Additionally, during budget deliberations, Council approved the reallocation of \$299,700 from Operating to Capital. The following table shows funds available to reallocate to capital projects for 2020.

Projects	Totals
Vickers Carrick Pedestrian Bridge	\$600,000
2020 OCIF Increase	\$326,000
Humber Cul de Sac	\$60,000
Williams Balmoral Intersection Improvements	\$90,000
Mt Forest Streetlighting	\$30,000
Operating to Capital Reallocation	\$299,700
<b>Total</b>	<b>\$1,405,700</b>

Following is a list of capital projects that can be completed in 2020 with the identified funding. Administration recommends the Mt Forest road reconstruction that was originally cut from the 2020 capital budget to fund the Vickers Carrick bridge be completed as well as three other projects that should be integrated into existing capital projects for cost efficiency, to improve project impact, and to reduce construction impacts to citizens. These projects focus on maintaining existing infrastructure. The remaining available monies are recommended to fund improvements to better position the Fort William Gardens to host the 2021 Scotties Tournament of Hearts and attract future events including an ice deck cover and supports for rigging, lighting and cameras. The recommended projects are shown below.

Recommended Projects	Estimate
Mt Forest Blvd Hawkrigde to 20 <sup>th</sup> Sideroad (road reconstruction & SL)	\$930,000
James Street Underpass Storm Connection (integrated with James St pavement rehabilitation)	\$115,000
Prospect Storm Relief (integrated with Tupper Storm Relief) (gross costs \$250k, eligible for 40% DMAF funding)	\$150,000
Improvements to Fort William Gardens	\$210,700
<b>Total</b>	<b>\$1,405,700</b>

The following lists other projects that can be completed in 2020 for Council's consideration.

<b>Other Projects</b>	<b>Estimate</b>
Wishart Crescent (road rehabilitation and storm)	\$280,000
Multi-use trail Oliver Rd – Golf Links to TBRHSC	\$130,000
Trail connection Black Bay Rd to Centennial Rd (integrated with Centennial Rd pavement rehabilitation)	\$55,000
Chapples Park CP1, CP2 & CP3 Sport Field Drainage Improvements	\$780,000
Hutton Park Dr – Valley St to Mercier St – Pave 50 mm and drainage	\$350,000
Hutton Park Dr – Valley St to Mercier St – Pave 80 mm and drainage	\$600,000

The following resolution is proposed to approve the recommended reallocations.

*With respect to Capital Budget 2020 Recommended Reallocations Memorandum from Kayla Dixon dated March 4, 2020, we recommend that budget reallocations as recommended in the memorandum proceed;*

*AND THAT Appropriation #2 is approved;*

*AND THAT the Mayor and Clerk be authorized to execute all necessary documentation;*

*AND THAT any by-laws as necessary be presented for ratification.*

Please let me know if you have further questions.

KD

cc: EMT  
 Lauren Paradis, Manager Budgets and Long-Term Planning  
 Dawn Paris, Director Financial Services  
 Gerry Broere, Director Asset Management  
 Krista Power, City Clerk

The City of Thunder Bay

DATE:

March 5, 2020

DEPARTMENT:  
Infrastructure & Operations

REQUEST FOR APPROPRIATION CHANGE

2

APPROP NO.

DIVISION:  
Engineering/Parks

REQUEST FOR ADDITIONAL APPROPRIATION

WBS ELEMENT	DESCRIPTION	BUDGET AVAILABLE	INCREASE	DECREASE	ADMIN USE	
					IM Position	Fund Code
IOT-RDS-200001-BR-05-1	Vickers Carrick Multi Use Trail	402,000		402,000		1
IOT-RDS-200001-BR-05-2	Vickers Carrick Multi Use Trail	198,000		198,000		30
IOT-RDS-200004-RN-03-1	Humber Cres Cul De Sac	60,000		60,000		93
IOT-RDS-200007-TS-09-1	William St - Balmoral Intersection	90,000		90,000		1
IOT-RDS-200003-AR-01-1	Operating Funds for reallocation to Capital			299,700		1
	OCIF Increase			326,000		113
TBD	Mt Forest Blvd Reconstruction		376,000			1
TBD	Mt Forest Blvd Reconstruction		198,000			30
TBD	Mt Forest Blvd Reconstruction		326,000			113
TBD	James St Underpass Storm		115,000			1
TBD	Prospect Ave Storm Relief		60,000			93
TBD	Prospect Ave Storm Relief		90,000			1
TBD	Improvements to Fort William Gardens.		210,700			1
			1,375,700	1,375,700		

EXPLANATIONS/REASONS:

Memo to Council  
Capital Budget 2020 Recommended Reallocations

EFFECT ON LEVEL OF SERVICE:

DECREASE  INCREASE  MAINTAINED

DATE: \_\_\_\_\_

RECOMMENDED/APPROVED

\_\_\_\_\_  
City Treasurer

\_\_\_\_\_  
City Manager

PREPARED BY: Shari Dykeman

REVIEWED BY: K. Marshall  
GENERAL MANAGER  
Infrastructure & Operations  
6-Mar-2020

VERIFIED BY: M. Gallagher  
FINANCE: M. Gallagher  
Moira Gallagher, CPA, CMA  
Budget & Planning Accountant  
Corporate Services & Long Term Care Department

COMMITTEE OF THE WHOLE

APPROVED  NOT APPROVED

DATE: \_\_\_\_\_