



Report to: General Committee

Meeting Date: May 31, 2021

SUBJECT: Staff Awarded Contracts for the Month of April 2021
PREPARED BY: Alex Moore, Ext. 4711

RECOMMENDATION:

1. THAT the report entitled “Staff Awarded Contracts for the Month of April 2021” be received; and
2. That Staff be authorized and directed to do all things necessary to give effect to this resolution

PURPOSE:

Pursuant to Part III section 15 of the Procurement Bylaw (No. 2017-8), passed by Council on March 21, 2017, a report shall be submitted to Council on a monthly basis to advise of awarded contracts greater than \$50,000

This report advises Council of all contracts, awarded by the Chief Administrative Officer or Commissioners, or Directors with a total cost exceeding \$50,000 for the month of April 2021

BACKGROUND:

The Procurement Bylaw delegates authority to staff to award contracts if the contract award meets specific criteria. The following chart outlines the contract award approval authority:

Dollar threshold	Within Criteria*	Outside Criteria*
\$50,000 or greater, but less than \$100,000	Director	Commissioner
\$100,000 or greater, but less than \$350,000	Commissioner	CAO
\$350,000 or greater	CAO	Council

* If one (1) of the below noted criteria is not met then the contract award is identified as outside criteria and the approval authority.

- The Contract Award is to the lowest priced or highest ranked (as applicable), compliant Bidder
- The expenses relating to the goods/ services being procured are included in the budget (Operating/Capital).
- The Contract Award is within the approved budget.
- The term of the Contract is for a maximum of four (4) years.
- There is no litigation between the Successful Bidder and the City at the time of Contract Award.
- There is no disqualified Bidder (which disqualified Bidder is also the lowest priced or highest ranked Bidder (as applicable) pursuant to the Quotation process) at the time of Contract Award.

Number	BMFT Objective	Description	Award Details	Commission
1	Safe & Sustainable Community	001-T-21 Varley Village Area Streetlight Upgrades	Lowest Priced Bidder	C&FS
2	Safe & Sustainable Community	002-T-21 - Rehabilitation of Five Structures	Lowest Priced Bidder	C&FS
3	Safe & Sustainable Community	025-T-21 Asphalt Resurfacing – Road Rehabilitation Program	Lowest Priced Bidder	C&FS
4	Safe & Sustainable Community	040-T-21 Sediment Removal at Stormwater Management Ponds #25 & #67)	Lowest Priced Bidder	C&FS
5	Safe & Sustainable Community	046-T-21 Armadale Community Centre Millwork Refurbishment	Lowest Priced Bidder	C&FS
6	Safe & Sustainable Community	051-T-21 Replacement of Eight CSP Culverts at Various Locations	Lowest Priced Bidder	C&FS
7	Safe & Sustainable Community	057-T-21 Downstream Improvements Program (Construction)	Lowest Priced Bidder	DS
8	Safe & Sustainable Community	062-T-21 Stairway Replacements	Lowest Priced Bidder	C&FS
9	Safe & Sustainable Community	063-T-21 Supply and Delivery of Three (3) One Ton Crew Cab Flatbed Trucks Complete With Dump Body	Lowest Priced Bidder	C&FS
10	Safe & Sustainable Community	067-T-21 Thornhill Community Centre Rink Board Replacement	Lowest Priced Bidder	C&FS
11	Safe & Sustainable Community	092-T-21 Supply and Delivery of One (1) 4x4 Tractor Loader	Lowest Priced Bidder	C&FS
12	Safe & Sustainable Community	049-R-21 Consulting Engineering Services for a Municipal Class Environmental	Highest ranked / lowest priced bidder	DS

Number	BMFT Objective	Description	Award Details	Commission
13	Safe & Sustainable Community	005-Q-21 Milliken Mills Community Centre Lobby Enhancement - Consultant	Highest Ranked/Sixth Lowest Priced Bidder	C&FS
14	Safe & Sustainable Community	008-S-21 Donald Cousens Parkway Extension Transportation Planning Study	Non-Competitive Bidder	DS

RECOMMENDED BY:

Joel Lustig
Treasurer

Trinela Cane
Commissioner, Corporate Services

#1

**STAFF AWARD REPORT****Page 1 of 2**

To:	Andy Taylor, Chief Administrative Officer
Re:	001-T-21 Varley Village Area Streetlight Upgrades
Date:	April 14, 2021
Commission / Department:	Community and Fire Services / Environmental Services

BID INFORMATION

Bid closed on	February 26, 2021
Number picking up document	14
Number responding to bid	12

BACKGROUND

The City will be replacing the existing streetlighting system within the Varley Village Area. The existing system, installed in the 1960s, consists of post-top mounted HPS fixtures on 4 metre high metal poles. As the existing system is at the end of service life, the City will be replacing the existing system with new underground cables in a duct, 9.2 metre high concrete poles and LED cobra-head luminaires.

The work includes the following: removal of the 96 existing post top streetlights, supply and installation of 113 new streetlight poles/ arms/ luminaires, 5.7km length of underground cables in a duct, ground rods, hand wells and power supply pedestals.

The project is expected to commence by May 2021 and be completed by December 2021.

RECOMMENDATION

Recommended bidder	Hastings Utilities Contracting Ltd. (lowest priced bidder)	
Current budget available	\$1,822,429.00	058-6150-20239-005 Streetlight Poles & Cable Replacement (Varley Village)
Less cost of award	\$ 991,723.45	Cost of Award
	\$ 59,503.41	6% Contingency*
	\$1,051,226.86	Total Award incl. of HST impact
Budget remaining after award	\$ 771,202.14	**

*The contingency requested for this project has been reduced from the standard 8% to 6% as the cost of award includes some provisional work including restoration of any disturbed driveways/ sidewalks/ curbs and tree trimming in the amount of \$24,147.65.

**The remaining budget of \$771,202.14 will be returned to the original funding source.

OPERATING BUDGET AND LIFE CYCLE IMPACT

On completion of the works, there will be \$2,365 in incremental energy savings to the operating budget due to LED streetlights. The life cycle reserve study will be updated to reflect the new poles and luminaires quantity and cost.

001-T-21 Varley Village Area Streetlight Upgrades**Page 2 of 2****ENVIRONMENTAL CONSIDERATIONS**

The consultant will oversee the construction contract and review, monitor and ensure compliance with contractor environmental submissions. Additionally, they will maintain environmental compliance records complying with environmental statutes and regulations. All construction waste will be properly sorted, recycled and disposed of at an authorized dump, waste treatment site or recycling facility. The new streetlights will be upgraded to LED lighting, which are more energy efficient and dark sky friendly.

#2

**STAFF AWARD REPORT**

To:	Andy Taylor, Chief Administrative Officer
Re:	002-T-21 - Rehabilitation of Five Structures
Date:	April 15, 2021
Commission / Department	Community & Fire Services / Environmental Services

BID INFORMATION

Bid closed on	April 7, 2021
Number picking up document	15
Number responding to bid	8

BACKGROUND

The rehabilitation of Five Structures:

1. Pedestrian Bridge (P005) – Pomona Mills Park 2 - 105m E/ Henderson Ave.
2. Pedestrian Bridge (P012) – Markham Civic Centre - 15m W/Warden Ave
3. Pedestrian Bridge (P083) – Apple Creek North Park - 60m NW/ Hoodview
4. Pedestrian Bridge (P091) – Toogood Pond - 140m S/ Normandale and Delhi Cres.
5. Culvert (C089) – Bur Oak Ave - 245m E/Hwy 48

This project will commence by mid-May and be completed by mid-September 2021.

RECOMMENDATION

Recommended bidder	Canada Construction Limited (lowest priced bidder)	
Budget available	\$454,560.00	058-6150-20245-005 Structures Rehabilitation
Less cost of award	\$194,289.35	Cost of Award (Incl. of HST)
	\$ 19,428.94	Contingency (10%)
	\$213,718.29	Total Award Inclusive of HST
Budget remaining after award	\$240,841.71	*

*Of the remaining balance of \$240,841.71, \$25,000.00 will be retained for geotechnical investigation during construction and \$215,841.71 will be returned to the original funding source. The favourable variance is mainly due to favourable market conditions.

OPERATING BUDGET AND LIFE CYCLE IMPACT

There is no incremental impact to the operating budget or Life Cycle Reserve Study.

ENVIRONMENTAL CONSIDERATIONS

Construction will be scheduled within the allowable TRCA/MNRF fisheries time window.

#3

**STAFF AWARD REPORT****Page 1 of 3**

To:	Andy Taylor, Chief Administrative Officer
Re:	025-T-21 Asphalt Resurfacing – Road Rehabilitation Program
Date:	April 21, 2021
Commission / Department:	Community & Fire Services / Operations

BID INFORMATION

Bid closed on	April 9, 2021
Number picking up bid document	7*
Number responding to bid	6

*This Request for Tender is by invitation only. Only contractors that have been pre-qualified under Request for Pre-Qualification #009-P-21 were eligible to submit a Bid in response to this Request for Tender.

BACKGROUND

To obtain approval to award the contract for asphalt resurfacing – road rehabilitation program for a period starting from contract award to December 31, 2021 with an option to renew for three (3) additional years from January 1 to December 31 of the renewal period.

RECOMMENDATION

Recommended bidder	D. Crupi & Sons Limited (lowest priced bidder)	
Current budget available	\$ 4,065,698.00	See Financial Considerations
Less cost of award	\$ 3,961,902.80	Year 1 – 2021 award (Incl. of HST)
	\$ 3,961,902.80	Year 2 – 2022 award (Incl. of HST)*
	\$ 3,961,902.80	Year 3 – 2023 award (Incl. of HST)*
	\$ 3,961,902.80	Year 4 – 2024 award (Incl. of HST)*
	\$15,847,611.20	Total Cost of Award (Incl. of HST)
Budget remaining after this award	\$103,795.20	**

*Subject to Council approvals of the 2022-2024 annual budgets.

** The remaining budget of \$103,795.20 will be used to fund the 2021 Pavement Condition Assessment.

The renewal terms (2022-2024) are subject to annual price increase based on the Consumer Price Index for All Items Ontario for the twelve (12) month period ending October 31 in the applicable year and shall not exceed 2%. The contract also includes asphalt cement (AC) price index that adjusts the cost based on the price for asphalt based on changes to the Ministry of Transportations price index on a monthly basis.

Compared to the previous contract 2017-2020 for common items, this contract represents a decrease of 3.22% in unit prices.

025-T-21 Asphalt Resurfacing – Road Rehabilitation Program**Page 2 of 3****OPERATING BUDGET AND LIFE CYCLE IMPACT**

There is no incremental impact to the operating budget. The Life Cycle Reserve Study will be monitored and any adjustments deemed necessary will be made in the future based on staff awards.

FINANCIAL CONSIDERATIONS

Account Name	Account #	Budget Amount Allocated for this Purchase	Cost of Award	Budget Remaining/ (Shortfall)
Asphalt Resurfacing	050-6150-21101-005	\$ 3,209,898	\$ 3,106,103	\$ 103,795
AC Premium	050-6150-21191-005	\$ 176,900	\$ 176,900	\$ -
Parking Lot Rehabilitation	050-6150-21113-005	\$ 678,900	\$ 678,900	\$ -
Totals:		\$ 4,065,698	\$ 3,961,903	\$ 103,795

The remaining budget of \$103,795.20 will be used to fund the 2021 Pavement Condition Assessment.

The asphalt resurfacing component of the road rehabilitation program serves to ensure the asphalt pavements of the citywide road network are maintained in a state of good repair. Work is undertaken in order to achieve a Pavement Condition Index (PCI) of good or better specific to each road category within the overall road network.

At time of budget submission, high-level estimates are generated for each street to be considered for inclusion in the program. Quantities within these estimates can increase and decrease once construction begins on a selected road and reallocation of funds between vendors within the program may be required. As such, the Director of Operations and the Senior Manager of Procurement and Accounts Payable will be authorized to reallocate funds from this blanket order within the overall Asphalt Resurfacing Program up to a maximum of 20% of the award amount (\$792,380.56 or \$3,961,902.8 x 20%) for the duration of the contract; to a combined annual total not to exceed the annual Asphalt Resurfacing Program budget of \$6,815,800.

In the event funds within the Asphalt Resurfacing Program cannot be reallocated to accommodate increases in the contract, request can be made for additional funding through Non-DC Capital Contingency.

ENVIRONMENTAL CONSIDERATIONS

A number of strategies within the Road Rehabilitation Program are environmentally friendly. The program calls for the use of Recycled Asphalt Pavement, RAP, for inclusion in asphalt mix designs as appropriate confirming to Ontario Provincial Standards. The City allows 15% RAP within all asphalt binder courses. All removed asphalt millings are reused by the contractor as part of business operations with regard to asphalt production reducing the use of virgin material.

025-T-21 Asphalt Resurfacing – Road Rehabilitation Program

Page 3 of 3

ENVIRONMENTAL CONSIDERATIONS (Continued)

1,000 tonnes of graded asphalt millings are provided back to the City, which are then used in various road repair tasks within the City including shouldering.

The designated asphalt production plant is located within close proximity to the Markham geographic boundary reducing accumulative travel distances for trucking operations for both asphalt paving and milling operations thereby reducing the overall carbon footprint through the reduction of greenhouse gases.

#4**STAFF AWARD REPORT**

To:	Andy Taylor, Chief Administrative Officer
Re:	040-T-21 Sediment Removal at Stormwater Management Ponds #25 & #67)
Date:	March 24, 2021
Commission / Department:	Community and Fire Services / Environmental Services

BID INFORMATION

Bid closed on	March 23, 2021
Number picking up document	5
Number responding to bid	3

BACKGROUND

To obtain approval to award the contract for sediment removal of the Stormwater Management Ponds at the following locations:

- Pond #25 (located southeast of Highway 7 and Commerce Valley Drive East)
- Pond #67 (located southwest of Hillmount Road and Markland Street).

Work will commence in June 2021 and will be completed by September 2021.

RECOMMENDATION

Recommended bidder	Sierra Excavating Enterprises Inc. (lowest priced bidder)	
Current budget available	\$1,017,481.00	058-6150-20249-005 SWM Pond Cleaning ID#25 & #67
Less cost of award	\$ 730,618.99	Cost of Award
	\$ 73,061.90	Contingency (10%)
	\$ 803,680.89	Award Incl. of HST & Contingency (10%)
Budget remaining after this award	\$ 213,800.11	*

* The remaining balance of \$213,800.11 will be returned to original funding source.

OPERATING BUDGET AND LIFE CYCLE IMPACT

The next sediment cleaning for this location is included in the life cycle study for year 2041. Pricing will be monitored for the next (2 years/bids) and staff will reassess the lifecycle impact for 2024 life cycle update. There is no incremental operating budget impact.

ENVIRONMENTAL CONSIDERATIONS

Sediment cleaning maintains downstream water quality, preserves fish habitat and contributes to a sustainable, healthy ecosystem that is in line with the City's Greenprint initiative. In meeting the requirement of Ministry of Environment and Climate Change (MOECC) Environmental Compliance Approval (ECA), the City carries out pond inspections regularly. Sediment levels are monitored and when the accumulated sediment reaches a level where the removal efficiency is reduced by 5%, ponds are cleaned to ensure that the quality control function of the pond is maintained.

#5

**STAFF AWARD REPORT**

To:	Andy Taylor, Chief Administrative Officer
Re:	046-T-21 Armadale Community Centre Millwork Refurbishment
Date:	March 29, 2021
Commission / Department:	Community & Fire Services / Recreation Services

BID INFORMATION

Bids closed on	March 5, 2021
Number picking up bid documents	12
Number responding to bid	9

BACKGROUND

The scope of work includes removing and replacing storage cabinets and countertops in the meeting rooms, multi-purpose rooms, storage rooms, and the main office. The millwork being replaced was originally installed in 1996 and replacement is warranted due to several of the storage units being broken and old countertops have peeled and chipped.

The work will be completed by December 2021.

RECOMMENDATION

Recommended bidder	Mega Group Construction Limited (lowest priced bidder)	
Current budget available	\$ 114,116.00	500-101-5399-20102– Millwork Replacement
Less cost of award	\$ 107,979.57	Cost of award (Incl. of HST)
	\$ 5,398.98	Contingency (5%)
	\$ 113,378.55	Total cost of award (Incl. of HST)
Budget remaining after this award	\$ 737.45	

Remaining budget of \$737.45 will be returned to its original funding source.

Bids received in response to this Request for Tender exceeded the City's budget. Consequently, Procurement Staff entered into negotiations with the low bidder (Mega Group) to reduce the budget shortfall. Staff were able to negotiate a price reduction, of \$9,044.43 (from \$117,024.00 to \$107,979.57)

OPERATING BUDGET AND LIFE CYCLE IMPACT

There is no incremental impact to the operating budget. The Life Cycle Reserve Study will not be adjusted due to the consistent pricing. Staff will monitor and update accordingly.

ENVIRONMENTAL CONSIDERATIONS

All waste will be properly sorted, recycled and disposed of at an authorized dump, waste treatment site or recycling facility.

#6

**STAFF AWARD REPORT**

To:	Andy Taylor, Chief Administrative Officer
Award:	051-T-21 Replacement of Eight CSP Culverts at Various Locations
Date:	April 16, 2021
Commission / Department:	Community & Fire Services / Environmental Services

BID INFORMATION

Bid closed on	April 12, 2021
Number picking up document	22
Number responding to bid	16

BACKGROUND

The replacement of the eight (8) Corrugated Steel Pipe (CSP) culverts as identified in the annual structures inspection program.

The work will commence by mid May and be completed by August 2021.

RECOMMENDATION

Recommended Bidder	Safa Builders & Contractors (Lowest Priced Bidder)	
Budget Available	\$ 200,400.00	058-6150-21147-005 Culverts Replacement
Less cost of award	\$ 144,946.94	Cost of Award (Incl. of HST)
	\$ 14,494.69	Contingency (10%)
	\$ 159,441.63	Total Award Inclusive of HST
Budget Remaining	\$ 40,958.37	*

*The remaining budget of \$40,958.37 will be returned to the original funding source.

OPERATING BUDGET AND LIFECYCLE IMPACT

The existing corrugated steel pipes (CSP) with a service life of 30 years are being replaced with High Density Polyethelene (HDPE) pipes with a service life of 50 years, and therefore there is no incremental impact to the Life Cycle reserve over the next 25 years. The Life Cycle Reserve Study will be updated to reflect the change in useful life from 30 years to 50 years.

There is no incremental Operating budget impact.

ENVIRONMENTAL CONSIDERATIONS

The contractor will ensure compliance to the Environmental Protection Act, the Ontario Water Resources Act and the Fisheries Act while undertaking this work.

#7

**STAFF AWARD REPORT****Page 1 of 2**

To:	Andy Taylor, Chief Administrative Officer
Re:	057-T-21 Downstream Improvements Program (Construction)
Date:	April 19, 2021
Commission / Department:	Development Services / Engineering

BID INFORMATION

Bid closed on	March 30, 2021
Number picking up bid document	18
Number responding to bid	10

BACKGROUND

This project is required to mitigate watercourse erosion resulting from upstream development, natural causes and to protect municipal infrastructure, private property and fish habitat.

This project will provide comprehensive restoration of the channel, installation of armourstone retaining walls, installation of a vegetated buttress, vegetation restoration and sewer concrete encasement at the Mount Joy Creek north of Church Street (Site MJ-43-48) and German Mills Creek north of Green Lane (GMC 13 / GMC 57). It is anticipated that work will commence July 15, 2021 and be completed by December 2021.

RECOMMENDATION

Recommended Bidder	Dynex Construction Inc. (lowest priced bidder)	
Current Budget Available	\$1,070,208.00	640-101-5699-20034 Downstream Improvements Program (Construction)
Less cost of award	\$698,455.20	Cost of Award (Incl. of HST)
	\$ 69,845.52	Contingency
	<u>\$ 63,464.66</u>	Provisional Items
	\$831,765.38	Cost of Award (Incl. of HST)
	<u>\$ 92,858.88</u>	Internal Fees
	\$924,624.26	Total Project Cost
Budget Remaining after this award	\$145,583.74	*

*The remaining budget will be returned to original funding source.

The provisional items in the amount of \$63,464.66 include the following; a migratory bird nesting survey, retention of an arborist, CCTV inspection, replacement of the concrete storm outfall head-wall and asphalt replacement of the multi-use path. The requirement for the provisional items is unknown at this time however, any unused funds will be returned to the original funding source.

057-T-21 Downstream Improvements Program (Construction)

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OPERATING BUDGET AND LIFE CYCLE IMPACT

The 2021 Lifecycle includes \$15.6M (35% LC component) for next 25 years for erosion restoration works.

There is no impact to the Operating Budget.

ENVIRONMENTAL CONSIDERATIONS

The Toronto and Region Conservation Authority (TRCA), the Ministry of Natural Resources and Fisheries (MNR) and the Department of Fisheries and Oceans (DFO) were consulted during the detailed design stage of this project. A permit has been granted by TRCA and a letter of understanding by DFO to undertake the proposed works within the Mount Joy and German Mills Creek watershed. The restoration improves the condition of the existing watercourses.

#8

**STAFF AWARD REPORT**

To:	Andy Taylor, Chief Administrative Officer
Re:	062-T-21 Stairway Replacements
Date:	March 31, 2021
Commission / Department:	Community & Fire Services / Operations

BID INFORMATION

Bid closed on	March 18, 2021
Number picking up bid document	25
Number responding to bid	15*

*One bidder was declared non-compliant as they did not meet the mandatory bonding requirements.

BACKGROUND

To obtain approval to award the contract for the stairway replacements (including removal and disposal) at the following locations:

- Sixpenny Court;
- Christman Court;
- Toogood Pond;
- Dollar Hamlet Park; and
- Huntington Park.

It is anticipated that construction will commence on April 15, 2021 and be completed by July 15, 2021.

RECOMMENDATION

Recommended bidder	Vamar Construction Inc. (lowest priced bidder)	
Current budget available	\$252,100.00	059-6150-21135-005 Stairway Repairs
Less cost of award	\$189,057.72 \$ 7,676.77 \$ 19,673.45 \$216,407.94	Award (Incl. of HST) Provisional Allowance (Incl. of HST)* Contingency @ 10% Total cost of award (Incl. of HST)
Budget remaining after this award	\$ 35,692.06	**

*The provisional allowance will be utilized for temporary railings that may be required.

**The remaining budget of \$35,692.06 will be returned to the original funding source.

OPERATING BUDGET AND LIFE CYCLE IMPACT

There is no incremental impact to the operating budget or Life Cycle Reserve Study.

ENVIRONMENTAL CONSIDERATIONS

N/A

#9

**STAFF AWARD REPORT****Page 1 of 2**

To:	Andy Taylor, Chief Administrative Officer
Re:	063-T-21 Supply and Delivery of Three (3) One Ton Crew Cab Flatbed Trucks Complete With Dump Body
Date:	March 29, 2021
Commission / Department:	Community & Fire Services / Operations

BID INFORMATION

Bid closed on	March 18, 2021
Number picking up bid document	13
Number responding to bid	6

BACKGROUND

To obtain approval to award the contract for the supply and delivery of three (3) one ton crew cab flatbed trucks complete with dump body [two of the three units requested a 9' (ft) dump body while the third unit requested a 11' (ft) dump body].

The units being replaced (#1232, 3334 and 2169) will be sold upon delivery of the new units in accordance with Purchasing By-Law 2017-8, Part V, Disposal of Personal Property. Proceeds will be posted to account 890 890 9305 (Proceeds from the Sale of Other Fixed Assets).

It is anticipated that the vehicles will be delivered by January 2022.

RECOMMENDATION

Recommended bidder	Downtown Autogroup (lowest priced bidder)	
Current budget available	\$192,232.00	See Financial Considerations
Less cost of award	\$206,894.78	Total cost of award (Incl. of HST)*
Budget remaining after this award	(\$ 14,662.78)	**

*Bids received in response to this Request for Tender exceeded the City's budget. Consequently, Procurement Staff entered into negotiations with the low bidder (Downtown Autogroup) to reduce the budget shortfall. Staff were able to negotiate a price reduction, of \$300 pretax per vehicle, which resulted in a savings of \$915.84 including HST impact (\$207,810.62 - \$206,894.78).

**\$13,518.15 of the total budget shortfall of \$14,662.78 will be funded from the Non-DC Capital Contingency account.

\$1,144.62 of the total budget shortfall of \$14,662.78 will be funded from the Waterworks Capital Contingency account.

Budget Shortfall

Recent vehicle tenders have bids with delivery schedules longer than anticipated and pricing greater than originally budgeted. This is mostly attributed to the impacted supply chains restricting availability due to the COVID-19 pandemic.

063-T-21: Supply and Delivery of Three (3) One Ton Crew Cab Flatbed Complete with Dump Body **Page 2 of 2**
Budget Shortfall (Continued)

The units are currently in fair condition, however due to the lengthy delivery times for these vehicles, deferring the units further may result in additional maintenance costs. The higher cost associated with the Waterworks Fleet Replacement is due to the 11' (ft.) body box design.

OPERATING BUDGET AND LIFE CYCLE IMPACT

There is no incremental impact to the operating budget. The Life Cycle Reserve Study will be monitored and any adjustments deemed necessary will be made in the future based on staff awards.

FINANCIAL CONSIDERATIONS

Account Name	Account #	Budget Allocated for this Purchase	Cost of Award	Budget Remaining/ (Shortfall)
Corporate Fleet Replacement - Non-Fire	057-6150-21140-005	\$ 123,193.29	\$136,711.45	\$ (13,518.15)
Waterworks Fleet Replacement	057-6150-21141-005	\$ 69,038.71	\$ 70,183.33	\$ (1,144.62)
Totals:		\$ 192,232.00	\$206,894.78	\$ (14,662.78)

\$13,518.15 of the total budget shortfall of \$14,662.78 will be funded from the Non-DC Capital Contingency account, which has a balance of \$52,791.00 as at March 22, 2021.

The remaining shortfall of \$1,144.62 will be funded from the Waterworks Capital Contingency account.

ENVIRONMENTAL CONSIDERATIONS

N/A

#10**STAFF AWARD REPORT**

To:	Andy Taylor, Chief Administrative Officer
Re:	067-T-21 Thornhill Community Centre Rink Board Replacement
Date:	April 14, 2021
Commission / Department:	Community & Fire Services / Recreation Services

BID INFORMATION

Bids closed on	April 12, 2021
Number picking up bid documents	5
Number responding to bid	4

BACKGROUND

The existing rink boards at the Thornhill Community Centre were installed in 1990 and replacement is warranted based on condition and safety assessment. The new rink boards will utilize longer lasting material and incorporate improved player safety features.

The work will be completed by August 2021.

RECOMMENDATION

Recommended bidder	Riley Manufacturing (lowest priced bidder)	
Current budget available	\$ 214,895.00	070-6150-20168-005– Board Replacement
Less cost of award	\$ 157,295.52	Cost of award (Incl. of HST)
	\$ 23,862.72	Provisional Pricing
	\$ 18,115.82	Contingency (10%)
	\$ 199,274.06	Total cost of award (Incl. of HST)
Budget remaining after this award	\$ 15,620.94	

The provisional items in the amount of \$23,862.72 include: 1. Arena survey to confirm exact dimensions for the mounting locations of the anchors and dasher board system dimensions. This may or may not be required (\$5,037). 2. Curved terminations and Full height backers by the penalty and officials boxes will use a different curved glass to reduce the potential of injury when a player is checked against the boards (\$18,571). 3. Official's Box Insulation (\$254).

Remaining budget of \$15,620.94 will be returned to its original funding source.

OPERATING BUDGET AND LIFE CYCLE IMPACT

The life cycle reserve study will be updated to reflect the award cost of the equipment which will require replacement in 30 years. There is no operating budget impact.

ENVIRONMENTAL CONSIDERATIONS

All waste will be sorted, recycled and disposed of at an authorized dump, waste treatment site or recycling facility. Existing boards will be sorted, assessed and reused at other facilities where applicable.

#11**STAFF AWARD REPORT**

To:	Andy Taylor, Chief Administrative Officer
Re:	092-T-21 Supply and Delivery of One (1) 4x4 Tractor Loader
Date:	April 12, 2021
Commission / Department:	Community & Fire Services / Operations

BID INFORMATION

Bid closed on	April 7, 2021
Number picking up bid document	3
Number responding to bid	2

BACKGROUND

To obtain approval to award the contract for the supply and delivery of one (1) 4x4 tractor loader.

The unit being replaced (#3458) will be sold upon delivery of the new unit in accordance with Purchasing By-Law 2017-8, Part V, Disposal of Personal Property. Proceeds will be posted to account 890 890 9305 (Proceeds from the Sale of Other Fixed Assets).

It is anticipated that the vehicle will be delivered by December 31, 2021.

RECOMMENDATION

Recommended bidder	Strongco Limited Partnership (lowest priced bidder)	
Current budget available	\$129,700.00	057-6150-21140-005 Corporate Fleet Replacement – Non-Fire
Less cost of award	\$113,971.20	Total cost of award (Incl. of HST)
Budget remaining after this award	\$ 15,728.80	*

*The budget remaining in the amount of \$15,728.80 shall be returned to the original funding source.

OPERATING BUDGET AND LIFE CYCLE IMPACT

There is no incremental impact to the operating budget. The Life Cycle Reserve Study will be monitored and any adjustments deemed necessary will be made in the future based on staff awards.

ENVIRONMENTAL CONSIDERATIONS

N/A

#12

**STAFF AWARD REPORT****Page 1 of 2**

To:	Andy Taylor, Chief Administrative Officer
Re:	049-R-21 Consulting Engineering Services for a Municipal Class Environmental Assessment Study of the 404 North District Water Supply (PD7)
Date:	April 8, 2021
Commission / Department:	Development Services / Engineering

BID INFORMATION

Bid closed on	March 12, 2021
Number picking up bid document	6
Number responding to bid	2

BACKGROUND

The Regional Municipality of York supplies water to nine (9) area municipalities, including the City of Markham and the City of Richmond Hill. In turn, Markham delivers water to individual consumers. Markham's existing Pressure District 7 (PD7) water system is supplied by the Region's system via a single transmission main from Elgin Mills Road East and Highway 404. The single water supply for PD7 does not provide the redundancy and system security needed as part of the watermain network required for current and future development in the area.

The 2016 York Region Water and Wastewater Master Plan includes a future North Markham Water Servicing project (W20) and this project will provide a long-term secondary water supply for PD7. However this project is scheduled for commissioning between years 2031-2035. The proposed project includes a new PD7 pumping station at the North Markham Reservoir, and 10 km of watermain from the new PD7 pumping station and the existing PD7 water system at Elgin Mills Road and Woodbine Avenue.

Markham is proposing a short-term solution to provide a secondary water supply for PD7 by looping a watermain with the Richmond Hill watermain across Highway 404 until a long-term solution is developed, funded, and constructed by the Region.

The purpose of the Municipal Class Environmental Assessment Study is to identify alternative design concepts and a preferred alignment for the watermain connection from the Richmond Hill PD7 water network to the Markham water network across Highway 404 north of Elgin Mills Road. It is anticipated that the study will commence in April 2021 and be completed by April 2022.

**049-R-21 Consulting Engineering Services for a Municipal Class Environmental Assessment
Study of the 404 North District Water Supply (PD7)** **Page 2 of 2**

RECOMMENDATION

Recommended bidder	Parsons Inc. (Highest ranked / lowest priced bidder)	
Current budget available	\$467,800.00	083-5350-20031-005 404 N District Water Supply EA
Less cost of award	\$252,218.27 \$ 10,176.00 \$ 12,711.86 <u>\$ 27,510.61</u> \$302,616.74 <u>\$ 39,314.01</u> \$341,930.75	Consulting Services (Incl. of HST) Allowances* Provisional - Stage 2 Archeological Assessment** Contingency @ 10% Cost of award (Incl. of HST) Internal Fees Total Project Cost
Budget remaining after this award	\$125,869.25	***

* The allowance is to respond to any Part II orders, which may be required during the public review period.

** The provisional item is for a stage 2 archaeological assessment, which may be required following the archaeology, and cultural heritage assessment.

*** \$50,000 of the remaining budget is required for property assessments, public meetings, notifications, permit and review fees. The remaining budget of \$75,869.25 will be returned to the original funding source.

Proposal Evaluation

The Evaluation Team was comprised of staff from the Engineering Department and facilitated by staff from the Procurement Division. The technical evaluation was based on pre-established evaluation criteria as outlined in the Request for Proposal: 5% qualifications and experience of the consulting firm, 15% qualifications and experience of the project manager and team, 50% demonstrated understanding of the project, project methodology, schedule and work plan, and 30% price, totaling 100%.

Bidder	Score
Parsons Inc.	90.00

* Bid prices (inclusive allowance of \$10,176) ranged from \$262,394 to \$274,293 inclusive of HST and allowances.

OPERATING BUDGET AND LIFE CYCLE IMPACT

There is no incremental impact to the operating budget or Life Cycle Reserve Study.

ENVIRONMENTAL CONSIDERATIONS

The Municipal Class Environmental Assessment Study will identify potential impacts of the proposed watermain extension to the natural environment and mitigation/compensation measures in consultation with Ministry of Environment, Conservation and Parks (MECP), Toronto and Region Conservation Authority (TRCA), Ministry of Natural Resources and Forestry (MNR) and Fisheries and Oceans Canada (DFO).

#13

**STAFF AWARD REPORT****Page 1 of 2**

To:	Andy Taylor, Chief Administrative Officer
Re:	005-Q-21 Milliken Mills Community Centre Lobby Enhancement Consultant
Date:	March 29, 2021
Commission / Department:	Community & Fire Services / Recreation

BID INFORMATION

Bids closed on	February 22, 2021
Number picking up bid documents	14
Number responding to bid	11

BACKGROUND

To obtain approval to award the architectural consulting services contract for the Milliken Mills Community Centre lobby enhancement. The main lobby, washrooms, and entrance to the library was constructed in 1989 and are original to the facility. The focus of the project is to redesign the lobby area and improve accessibility to the washrooms and entrance into the library.

The consultant will prepare and present innovative and sustainable design concepts that comply with the Accessibility for Ontarians with Disabilities Act and adhering to building code requirements. Staff will collaborate with the consultant to review design concepts and oversee the planning, coordination, and project management.

The consultant's work shall include but is not limited to:

- Undertake detailed investigations including site measurements, auditing existing structural and geotechnical conditions, mechanical and construction material tests;
- Present two (2) design concepts for staff review and consideration;
- Planning, schematic design development, and tender documentation including drawings and cost estimation;
- Oversee construction phase and provide expertise as required

Design work to be completed by August 31, 2021.

RECOMMENDATION

Recommended bidder	Gow Hastings Architects (highest ranked bidder / 6 th lowest priced bidder)	
Current budget available	\$ 50,000.00	500-101-5699-20139 – Lobby Enhancement
Less cost of award	\$ 62,034.42	Total cost of award (Incl. of HST)
Budget remaining after this award	(\$12,034.42)	

The shortfall of \$12,034.42 will be funded from capital project 20139 (Milliken Mills C.C Lobby Enhancement) which has a total budget of \$655,800 allocated for the construction portion of this project.

005-Q-21 Milliken Mills Community Centre Lobby Enhancement Consultant Page 2 of 2**RECOMMENDATION (CONTINUED)**

Bids received in response to this Request for Proposal exceeded the City's budget. Consequently, Procurement Staff entered into negotiations with the low bidder (Gow Hastings) to reduce the budget shortfall. Staff were able to negotiate a 5% price reduction, of \$3,264.97 (from \$65,229.39 to \$62,034.42).

PROPOSAL EVALUATION

The Evaluation Team was comprised of staff from Recreation, Library and Sustainability & Asset Management with staff from the Procurement Department acting as the evaluation facilitator. The two-staged evaluation was based on pre-established evaluation criteria as outlined in the Request for Proposal: 25% Qualifications and Experience of the firm, 25% Qualifications and Experience of the Lead Designer and Team, 20% Project Methodology, Understanding, Schedule and Work Plan, and 30% for price, totaling 100%.

Bidder	Total Score (100 points)
Gow Hastings Architects	92

Gow Hastings Architects was founded in 2002 by Valerie Gow and Philip Hastings, both of which have over 20 years of extensive experience in the revitalization of public spaces. Some of their public sector projects include the renovation of the City of Toronto Archives, Town of Aurora's Armoury Centre for Food and Wine, Ryerson University's Student ServiceHub, York University's Vari Hall, and many more.

Gow Hastings Architects scoring was based on their original submitted price proposal, the City did not revise the scoring based on the negotiated fee reduction.

The bid prices ranged from the lowest being \$55,792.46 to highest being \$75,377.70 inclusive of HST.

OPERATING BUDGET AND LIFE CYCLE IMPACT

There is no incremental impact to the operating budget. As this award is for the consultant portion only, depending on the outcome of the consultant's estimates, the output of this project will be used to update life cycle data and planning of capital repairs as necessary. Therefore, there is no incremental life cycle impact identified at this time.

ENVIRONMENTAL CONSIDERATIONS

The consultant will provide expertise on sustainable design options taking into account energy and environmental conservation principles.

#14

**STAFF AWARD REPORT****Page 1 of 2**

To:	Andy Taylor, Chief Administrative Officer
Re:	008-S-21 Donald Cousens Parkway Extension Transportation Planning Study
Date:	January 20, 2021
Commission / Department	Development Services / Engineering

PURPOSE

To obtain approval to issue a purchase order to York Region for the City's share for an on-going joint planning study to assess the need for the Donald Cousens Parkway Extension.

RECOMMENDATION

Recommended bidder	York Region (Non-Competitive Procurement)	
Current budget available	\$400,000.00	640-101-5699-19044 North Markham Transportation Needs Assessment
Less cost of award	\$152,558.59	Cost of award (Incl. of HST)
	\$ 21,307.00	Internal Fees
	\$173,865.59	Total Cost of Award
Budget remaining after this award	\$226,134.41	*

* Staff anticipated that the study requirements would include travel demand forecasting however, the Region elected to carry out this work in-house. Moreover, the consultant retained by the Region (CIMA) was already working for the City on two other projects in the same vicinity and was able to leverage that knowledge by re-using some of that work for this project and, therefore, reducing their proposal fee. The remaining budget will be returned to the original funding source.

Staff further recommends:

THAT the tendering process be waived in accordance with Purchasing By-Law 2017-8, Part II, Section 11.2 (d) which states "Request for Tenders, Requests for Proposals and Requests for Quotations may not be required for goods and services provided by Provincial and federal government agencies or Crown corporations;"

BACKGROUND

The conceptual status of the Donald Cousens Parkway west of Highway 48 requires clarification and definition in light of its impact on on-going development planning in the Future Urban Area and, in particular, the Markham Innovation Exchange (MiX) district. On May 29 2018, Council endorsed a recommendation that authorized Staff to engage York Region to conduct a joint planning study to re-assess the function of Donald Cousens Parkway extension and 19th Avenue. This joint study with York Region is focused on determining if the extension of Donald Cousens Parkway west of Highway 48 in its own right-of-way is necessary or if widening of existing concession and arterial roads in the subject area could provide sufficient traffic capacity to meet future travel demands. York Region and the City will equally fund the study (50/50). Staff anticipate the study will be completed one year after Council has made a decision on the Donald Cousens Parkway Extension.

008-S-21 Donald Cousens Parkway Extension Transportation Planning Study Page 2 of 2**FINANCIAL CONSIDERATIONS**

Location	Total Cost (Incl. of HST)	Markham's Share	York Region's Share
Donald Cousens Parkway between Highway 48 and Highway 404	\$ 305,117.18	\$ 152,558.59	\$ 152,558.59

York Region conducted an open bid RFP process to select a consultant to assist in conducting the study and the project was awarded to CIMA in the amount of \$305,117.18 with the City's portion being 50% or \$152,558.59.

OPERATING BUDGET AND LIFE CYCLE IMPACT

N/A

ENVIRONMENTAL CONSIDERATIONS

N/A