



Report to: General Committee

Meeting Date: October 18, 2021

SUBJECT: Staff awarded contracts for September 2021
PREPARED BY: Alex Moore Ext. 4711

RECOMMENDATION:

1. THAT the report entitled “Staff Awarded Contracts for the Month of September 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 September 2021 as per the authority provided in the Procurement Bylaw.

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	126-R-21 Engineering Consulting Servicing for the Restoration Design at Thornlea Pool	Highest ranked bidder / 2 nd lowest priced bidder	Corporate Services
2	Safe & Sustainable Community	148-R-21 - Consulting Engineering Services for the Detailed Design of Markham Centre Trails Phase II	Highest ranked / 3 rd lowest priced bidder	Development Services
3	Exceptional Services by Exceptional People	136-T-21 Box Grove Community Centre Renovation	Lowest priced bidder	Corporate Services
4	Safe & Sustainable Community	181-T-21 CCTV Security System Replacement at Various Facilities	Lowest priced bidder	Corporate Services
5	Safe & Sustainable Community	193-T-21 Entrance Deck Re-construction at Markham Village Library	Lowest priced bidder	Corporate Services
6	Safe & Sustainable Community	213-S-21 Forest Restoration Planting Projects	Lowest priced bidder	Development Services
7	Safe & Sustainable Community	149-T-21 - Streetlight Infrastructure Improvements at Various Locations within the City of Markham	Lowest priced bidder	Development Services
8	Safe & Sustainable Community	071-Q-21 Markham Village Community Centre Dehumidifier Unit Replacement	Lowest priced bidder	Community Services
9	Safe & Sustainable Community	165-T-21 Old Angus Glen Community Centre Arena Seating Replacement	Lowest priced bidder	Community Services
10	Safe & Sustainable Community	177-T-21 Street, Park and Parking Lot Lighting Maintenance and Locates	Lowest priced bidder	Community Services

Number	BMFT Objective	Description	Award Details	Commission
11	Safe & Sustainable Community	041-T-21 Installation of Oil Grit Separator at Stormwater Management Pond (ID #70)	Lowest priced bidder	Community Services
12	Safe & Sustainable Community	113-Q-21 Pan Am Centre Main Gym Competition Lighting Upgrades	Lowest priced bidder	Community Services
13	Safe & Sustainable Community	117-T-21 Uniforms for Municipal Law Enforcement Officers	Lowest priced compliant bidder	Corporate Services
14	Safe & Sustainable Community	124-T-21 Rouge River Community Centre Mechanical Replacement	Lowest priced bidder	Community Services
15	Stewardship of Money and Resources	161-Q-21 Rental of V Bin Stockpiling Conveyor	Lowest priced bidder	Community Services
16	Safe & Sustainable Community	083-T-21 Boulevard and Park Tree Replacement	Lowest priced bidder	Community Services
17	Safe & Sustainable Community	CRFT-2018-01 Supply & Delivery of Screened Winter Sand, Mixing of Screened Sand On-Site & Stockpiling Contract Extension (116-Q-18)	Sole Bidder	Community Services
18	Safe & Sustainable Community	153-Q-21 Thornhill Community Centre and Clatworthy Arena Door Replacement	Lowest priced bidder	Community Services
19	Safe & Sustainable Community	150-T-21 Block Tree Pruning Program – Year 3 of 3	Lowest priced bidders	Community Services

RECOMMENDED BY:

Joel Lustig
Treasurer

Trinela Cane
Commissioner, Corporate Services

1

**STAFF AWARD REPORT**

To:	Andy Taylor, Chief Administrative Officer
Re:	126-R-21 Engineering Consulting Servicing for the Restoration Design at Thornlea Pool
Date:	June 22, 2021
Commission:	Corporate Services / Sustainability & Asset Management

BID INFORMATION

Bids closed on	June 1, 2021
Number picking up bid documents	4
Number responding to bid	4

PURPOSE/BACKGROUND

To obtain approval to award the consulting services contract for the restoration of Thornlea Pool. The restoration will address leaks in the facility, exterior wall, concrete and pool soffit repairs in addition to replacing the existing dehumidification unit, add a new domestic waterline with fire hydrant, and add a new digital sign.

The work will be completed in three phases:

- **PHASE 1 - Project Planning, Design and Tendering Documentation Preparation**
 - Visit site to collect field data, undertake detailed investigations, complete detailed designs for the following:
 - Pool soffit repairs;
 - Exterior wall repairs;
 - Dehumidification replacement;
 - New waterline with fire hydrant;
 - Roof replacement;
 - Leak repair.
- **PHASE 2 – Tender and Construction Administration**
 - Attend site visits;
 - Prepare drawings and responses to contractors;
 - Review the construction tender results and provide comments and recommendations
 - Assist and coordinate with the City's Project Manager with a single point of responsibility in coordinating contractor activities as they related to this project;
 - Oversee construction phase and provide expertise as required.
- **PHASE 3 – Post-Construction Administration**
 - Prepare and submit all as-built drawings in a CAD digital format and PDF format based on the red-line drawings issued by the contractor.

Design work to be completed by July 2021 and construction to be completed by June 2022.

RECOMMENDATION

Recommended bidder	Thornton Tomasetti Canada Inc. (highest ranked bidder / 2 nd lowest priced bidder)	
Current budget available	\$161,700.00	70-6150-21208-005-Thornlea Pool Restoration
Less cost of award	\$ 81,153.60	Cost of award (Incl. of HST)
	\$ 8,115.36	Contingency (10%)
	\$ 89,268.96	Total cost of award (Incl. of HST)
Budget remaining after this award	\$ 72,431.04	

The remaining balance of \$72,431.04 will be returned back to its original funding source.

PROPOSAL EVALUATION

The Evaluation Team was comprised of staff from Recreation 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: 30% Qualifications and Experience of the firm, 20% Qualifications and Experience of the Lead Designer and Team, 20% Project Management and 30% for price, totaling 100%.

Bidder	Total Score (100 points)
Thornton Tomasetti Canada Inc.	93.89

Thornton Tomasetti Canada Inc. has been providing engineering services since 1949 and has offices across the United States, Canada and in Asia-Pacific, Europe, Latin America and the Middle East. They have experience working with the City as they were awarded the contract in 2020 for Building Envelope & Structural Review (009-Q-20) which included the review of Thornlea Pool.

The bid prices ranged from \$87,942.52 to \$140,267.00 inclusive of HST and a 10% contingency.

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. The project will be funded from future years of the Life Cycle Reserve.

ENVIRONMENTAL CONSIDERATIONS

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

#2

**STAFF AWARD REPORT**

To:	Arvin Prasad, Commissioner, Development Services
Re:	148-R-21 - Consulting Engineering Services for the Detailed Design of Markham Centre Trails Phase II
Date:	August 23, 2021
Commission / Department	Development Services / Engineering

BID INFORMATION

Bid closed on	July 29, 2021
Number picking up bid document	6
Number responding to bid	3

PURPOSE/BACKGROUND

To obtain approval to award the contract for the detailed design of the second phase of the multi-use trail network in Markham Centre through the greenway block on the north side of the Rouge River from Birchmount Road to the existing Sheridan Stormwater Management (SWM) Pond. The project will commence following award and the design will be completed by June 30, 2022.

RECOMMENDATION

Recommended bidder	Aquafor Beech Limited (Highest ranked / 3 rd lowest priced bidder)	
Current budget available	\$243,699.00	083-5350-20039-005 Markham Ctr Trails-Ph2
Less cost of award	\$131,499.36	Consulting Services (Incl. of HST)
	\$ 13,149.94	Contingency @ 10%
	\$144,649.30	Cost of award (Incl. of HST)
	\$ 20,357.92	Internal Fees
	\$165,007.21	Total Project Cost
Budget remaining after this award	\$ 78,691.79	*

*The remaining budget in the amount of \$26,000 will be used to acquire permits, coordinate with Indigenous Communities, Operations and Maintenance Manual and Training Session, and \$52,691.79 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
Aquafor Beech Limited	85.14

* Bid prices ranged from \$100,010 to \$131,499.36 inclusive of allowances and HST.

Staff is recommending the highest ranked / third lowest priced bidder as their proposal demonstrated their experience and capability to undertake projects of similar size and scope. They have a comprehensive understanding of the project requirements and provided a thorough methodology and work plan.

OPERATING BUDGET AND LIFE CYCLE IMPACT

The operating and life cycle cost impacts will be known upon completion of the detailed design.

ENVIRONMENTAL CONSIDERATIONS

Markham Centre Trail Phase II is immediately north of the Rouge River, which is considered a recovery habitat for Redside Dace, an endangered fish species, as per the Endangered Species Act and as listed by the MECP. The design process will include DFO screening and submission for possible permit application with the MECP. The design process may also include an MECP compensation benefit design to offset the impacts associated with encroachment within the regulated habitat. The nature of this compensation may include habitat enhancement along the Rouge River corridor within Markham Centre.

#3

**STAFF AWARD REPORT**

To:	Andy Taylor, Chief Administrative Officer
Re:	136-T-21 Box Grove Community Centre Renovation
Date:	August 13, 2021
Commission / Department	Corporate Services / Sustainability & Asset Management

BID INFORMATION

Bid closed on	June 22, 2021
Number picking up bid document	17
Number responding to bid	5

PURPOSE/BACKGROUND

To obtain approval to award the contract for interior and exterior accessibility renovations at the Box Grove Community Centre. The scope of work includes exterior waterproofing, removal of non-compliant existing entrance ramp, installation of a new and fully AODA (Accessibility for Ontarians with Disabilities Act)/Ontario Building Code (OBC) for Barrier Free Accessibility compliant concrete landing, ramp, and railing for barrier free accessibility, interior renovation of the existing washrooms for AODA/OBC compliance, janitors closet and the supply and installation of touchless fixtures. The project will be completed by October 29, 2021.

RECOMMENDATION

Recommended bidder	Joe Pace & Sons Contracting Inc. (lowest priced bidder)	
Current budget available	\$ 72,407.00	270-101-5399-20084 Satellite Community Centre Repair and/or Replacement
	<u>\$ 50,000.00</u>	270-101-5399-21201 Accessibility Retrofit
	\$122,407.00	Total budget available
Less cost of award	\$244,793.86	Cost of award (Incl. of HST)
	<u>\$ 24,479.39</u>	Contingency
	\$269,273.24	Total cost of award (Incl. of HST) *
Budget remaining after this award	(\$146,866.24)	
ICIP funding	\$ 70,000.00	270-101-5399-21211 Implementation of Touchless Technology and Enhancing Indoor Air Quality
Budget shortfall	(\$ 76,866.24)	**

* The cost of award includes a cash allowance of \$10,176 for testing and inspection of the concrete work

** The budget shortfall of (\$76,866.24) will be funded from the Life Cycle and Capital Reserve Fund.

The following factors contributed to the shortfall:

1. Unbudgeted accessibility ramp (\$45,250) due to the Ontario building code/AODA compliance that was not anticipated at time of budget submission.
2. Increased construction costs due to Covid-19.
3. Budget being developed 2 years ago (2019).

\$70,000 will be funded from the ICIP funding (case number 2020-11-1465600634) within the available budget allocated for the supply and installation of the touchless fixtures as well as air quality control. The costs other than HST impact will be eligible for reimbursement by the Province after they are incurred and paid for by the City. The cost of award is up fronted until the reimbursement is received.

OPERATING BUDGET AND LIFE CYCLE IMPACT

This project uses items that are similar in nature therefore no incremental operating budget impact. The Life Cycle Reserve Study will be updated upon project completion with latest pricing

ENVIRONMENTAL CONSIDERATIONS

All renovation waste will be properly sorted, recycled and disposed, in accordance with applicable By-laws and regulations.

#4**STAFF AWARD REPORT**

To:	Trinela Cane, Commissioner, Corporate Services
Re:	181-T-21 CCTV Security System Replacement at Various Facilities
Date:	September 10, 2021
Commission/Department:	Corporate Services / Sustainability & Asset Management

BID INFORMATION

Bids closed on	September 8, 2021
Number picking up bid documents	19
Number responding to bid	11

PURPOSE/BACKGROUND

The project includes security video surveillance system upgrades at three locations as follows:

- Thornhill Community Centre
- Markham Village Community Centre
- Markham Village Library

The work will commence upon award and will be completed by October 31, 2021.

RECOMMENDATION

Recommended bidder	360 Advanced Security Corporation (lowest priced bidder)	
Current budget available	\$100,000.00 \$ 35,310.00 <u>\$ 50,000.00</u> \$185,310.00	270-101-5399-21051 Corporate Security Operations & System Replacements 500-101-5399-21082 - Markham Village C.C. Security System Replacement 500-101-5399-20163 - Recreation Security Systems Replacement Total budget available
Less cost of award	\$ 97,879.20 <u>\$ 3,660.68</u> \$101,539.88	Cost of award Contingency 3.74% Total Award (incl. HST impact)
Budget remaining after award	\$ 83,770.12	

Note:

- The project cost estimate was done in consultation with the security consultant and the product manufacturer and based on MSRP prices. The favourable variance is mainly due to bidder's discounted pricing from the manufacturer.
- \$14,227.09 of the remaining budget will be returned to original funding source (project # 21082). The remaining \$69,543.02 is to be retained in project #21051 for future security upgrades, after which the remaining budget will be returned to original funding source.

OPERATING BUDGET AND LIFE CYCLE IMPACT

All new and existing cameras are covered by a 5-year manufacture warranty then by a citywide maintenance contract that is to be established by Q1 2022. There is no incremental impact to the operating budget. The Life Cycle Reserve Study will be updated upon project completion.

ENVIRONMENTAL CONSIDERATIONS

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

#5

**STAFF AWARD REPORT**

To:	Trinela Cane, Commissioner, Corporate Services
Re:	193-T-21 Entrance Deck Re-construction at Markham Village Library
Date:	August 30, 2021
Commission / Department:	Corporate Services / Sustainability & Asset Management

BID INFORMATION

Bids closed on	August 27, 2021
Number picking up bid documents	7
Number responding to bid	5

PURPOSE/BACKGROUND

To obtain the approval to award the contract for the entrance deck re-construction at Markham Village Library. The work will be completed by November 30, 2021.

RECOMMENDATION

Recommended bidder	Avion Construction Group Inc. (lowest priced bidder)	
Current budget available	\$150,000.00	270-101-5399-20074 Library Facilities Repair and/or Replacement Projects
Cost of award	\$ 95,654.40 \$ 25,000.00 <u>\$ 12,065.44</u> \$132,719.84	Cost of award (Incl. of HST) Allowance* Contingency (10%) Total cost of award (Incl. of HST)
Budget remaining	\$ 17,280.16	**

*The award includes an allowance of \$25,000 that must be approved by City staff before utilizing, any unused funds will be returned to the original funding source. After bid closing and discussions with the low bidder, it was determined that one detail of the repair may not work as per the design intent and additional work not included in the scope may be required. There is a risk that some areas will require modification to existing steel components, however, the exact extent will not be known until the demolition portion of the work is complete.

**The remaining balance of \$17,280.16 will 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 updated at project completion.

ENVIRONMENTAL CONSIDERATIONS

Existing glass, posts and railings will be reused. All other 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
Re:	213-S-21 Forest Restoration Planting Projects
Date:	August 31, 2021
Commission / Department	Development Services/ Planning and Urban Design

PURPOSE/BACKGROUND

To obtain approval to award the contract for four (4) forest restoration planting projects including site preparation (mowing), planting, and installation and monitoring of 6,675 trees and shrubs within the City's naturalized areas.

The main objectives of these planting projects are to restore the ecological health, and increase tree canopy and native species biodiversity within the City's Greenway System. The program will help link forest fragments to enhance woodland cover, reduce heat island effect, improve water quality in riparian buffers, manage soil erosion, and create corridors and habitat for wildlife in valley lands across the City.

Project & Scope of Work

The four (4) ecological restoration projects will take place in city-owned natural areas, as follows:

Location	# of Trees & Shrubs	Area of Woodland Creation
Simonston Park (Ward 1)	1,275	0.5 ha
Robinson Creek (Ward 6)	1,600	0.6 ha
Amber Glen Park (Ward 4)	1,865	0.5 ha
John Stegman Woods and Cornell Stormwater Channel (Ward 5)	1,900	0.6 ha
Total	6,675	2.2 ha

The proposed restoration projects will use locally sourced, native plants, which are well suited to the local climate and ecosystem. Project locations will be mowed by TRCA in September 2021 to facilitate tree planting and access. All plant material will be planted, mulched and protected with tree guards by TRCA staff in October or November 2021. Monitoring will be provided by the TRCA following project completion in years 1, 3 and 5.

Project locations were carefully selected in areas of existing natural cover and are priority locations to expand existing forest habitats and to enhance wildlife habitat. The project will create a total of 2.2 hectares of new woodland area within Markham to contribute to the Building Markham's Future Together (Strategic Plan) goal of achieving 30% canopy cover.

RECOMMENDATION

Recommended bidder	Toronto and Region Conservation Authority (Non-Competitive Procurement)	
Current budget available	\$ 169,004.12	620-101-5399-18320 - Landscape Recovery
Less cost of award	\$ 35,660.29 \$ 44,984.76 \$ 44,250.22 <u>\$ 44,108.85</u> \$ 169,004.12	Simonston Park Robinson Creek Amber Glen Park John Stegman Woods and Cornell Channel Total Award (Incl. of HST)*
Budget remaining after this award	\$ 0.00	

The City's funding for the projects will be provided through the Landscape Recovery Account (project 18320) which collects monetary compensation from development proponents for the removal of trees, where tree planting on site is not possible. The use of the compensation funds to create new woodland area in the City of Markham is consistent with the intended purpose of the account.

Partial grant funding from York Region

In 2020, York Region invited the City of Markham to apply for funding for tree planting on public lands. The City and the Toronto and Region Conservation Authority submitted a joint proposal to plant 6,675 trees and large shrubs on four project sites owned by the City of Markham to create 2.2 hectares of new woodland in the City.

The City's recommended award amount of \$169,004.12 (67.5% of the total contract value) is in addition to the York Region's contribution in the amount of \$81,448.70 (32.5% of the total contract value), with a total project value of \$250,452.82 (\$169,004.12 + \$81,448.70) to plant 6,675 trees and large shrubs. Note – York Region will enter into an agreement directly with TRCA; and, will make payments directly to TRCA.

OPTIONS/DISCUSSIONS

THAT the tendering process be waived in accordance with Purchasing By-Law 2017-08 Section 11.2 - Tenders, Requests for Proposal and Requests for Quotation may not be required for goods and services to be provided by any of the following: (e) Toronto and Region Conservation Authority (TRCA).

Benefits of Retaining TRCA

The TRCA offers significant expertise in both the design and implementation of ecological restoration plantings. The TRCA has specialized knowledge and experience in successfully implementing large scale reforestation projects including access to skilled laborers and equipment as well as the procurement of large quantities of plant material. For the proposed projects, the TRCA is providing the City with in-kind services including: the preparation of planting plans and monitoring of the restoration works.

OPERATING BUDGET AND LIFE CYCLE IMPACT

There is no impact to the Operating Budget. There is no impact to the Life Cycle Replacement and Capital Reserve Fund.

ENVIROMENTAL CONSIDERATIONS

Trees produce oxygen and remove carbon dioxide and contaminants from the air. Additionally, they provide habitat for birds and other wildlife.

#7

**STAFF AWARD REPORT**

To:	Andy Taylor, Chief Administrative Officer
Re:	149-T-21 - Streetlight Infrastructure Improvements at Various Locations within the City of Markham
Date:	August 16, 2021
Commission / Department	Development Services / Engineering

BID INFORMATION

Bid closed on	July 16, 2021
Number picking up bid document	14
Number responding to bid	7

PURPOSE/BACKGROUND

To obtain approval to award the contract for the removal and replacement of 63 existing luminaires along with the addition of 108 new streetlights (luminaires and poles) and removal of 25 streetlights (luminaires and poles). A net quantity of 83 new streetlights (108-25) to be installed at the following locations:

- Birchmount Road (14th Ave. to Hwy. 407)
- Bullock Drive (Hwy # 7 to Laidlaw Blvd.)
- Green Lane (Bayview Ave. to Leslie Street)
- Birchmount Road (Steeles Ave. to Denison St.)
- Brimley Road (Steeles Ave. to 14th Ave.)

The proposed work is to upgrade the existing streetlights to the current standard. Some existing LED luminaires need to be retrofitted with a higher wattage than the existing condition. There are 63 existing poles that will require a replacement luminaire and 108 new poles. There are also 25 streetlight poles that need to be repositioned to distribute the lighting level evenly. The 25 poles that were installed in 1977 (Birchmount) and 1982 (Brimley) will be removed and dropped off at the Miller Works Yard for future use as part of the streetlight maintenance program.

The project will commence in late September and will be completed by spring 2022.

RECOMMENDATION

Recommended Bidder	Dundas Power Line Ltd. (lowest priced bidder)	
Current Budget Available	\$2,653,467.00	See Financial Considerations section
Less cost of award	\$1,210,242.37	Construction (Incl. of HST)
	\$ 96,254.78	Provisional*
	\$1,306,497.15	
	\$ 130,649.72	Contingency @ 10%
	\$1,437,146.87	Total Construction Award (Incl. of HST)
	\$ 227,014.83	Internal Construction Administration Fee
	\$1,664,161.70	Total Cost of Award
Budget Remaining after this award	\$ 989,305.31	**

*The provisional items are for test pits to confirm the exact location of utilities to avoid conflicts, costs to reinstate disturbed driveways and for any extra work that maybe required during construction including labour and equipment costs.

**The remaining budget will be used for the John Street lighting project still to be tendered and any remaining budget thereafter to be returned to original funding source.

FINANCIAL CONSIDERATIONS

Account Name	Account #	Current Budget Available	Cost of Award	Contingency	Internal Fees	Budget Remaining/ (Shortfall)
Streetlight Program (Construction)	83 5350 20048 005	833,200.00	644,427.00	64,442.70	124,330.30	-
Streetlight Program (Construction)	83 5350 19048 005	1,820,267.00	662,070.15	66,207.02	102,684.53	989,305.31
Totals:		2,653,467.00	1,306,497.15	130,649.72	227,014.83	989,305.31

OPERATING BUDGET AND LIFE CYCLE IMPACT

Streetlight - The annual maintenance cost for the 83 net new light poles is \$2,075.00 (\$25.00/pole x 83 poles). The incremental annual energy consumption for the new luminaires based on # of lights and the new wattage is \$9,695 per year. The total annual operating impact is \$11,770 (\$2,075 + \$9,695) and will be included as part of the 2022 Operating Budget, subject to Council approval.

Luminaire service life is estimated to be 20 years. The life cycle impact is \$54,946.00 over the next 20 years (unit cost of \$662 x 83 luminaires) which will be included in the next Life Cycle Reserve Study Update. Streetlight poles have an estimated service life of 70 years. As the City's life cycle planning horizon is 25-years, the streetlight poles' impact will included in the Life Cycle Reserve Study 25 years before it is due for replacement.

ENVIRONMENTAL CONSIDERATIONS

The Contractor shall remove all debris and transport to an authorized dump, waste treatment site or recycling facility as identified in the tender. Any removed street light components under this contract may be recycled dependent on the quality of the material.

#8

**STAFF AWARD REPORT**

To:	Mary Creighton, Director, Recreation Services
Re:	071-Q-21 Markham Village Community Centre Dehumidifier Unit Replacement
Date:	August 17, 2021
Commission:	Community & Fire Services / Recreation Services

BID INFORMATION

Bid closed on	August 16, 2021
Number picking up bid document	9
Number responding to bid	3

PURPOSE/BACKGROUND

To obtain approval to award the contract for the replacement of two (2) dehumidification units in the arena at the Markham Village Community Centre. The existing dehumidifiers were installed in 2001 and replacement is warranted based on condition assessment.

The work will be completed by November 30, 2021

RECOMMENDATION

Recommended bidder	High Efficiency Cooling & Heating Inc. (lowest priced bidder)	
Current budget available	\$ 85,648.00	070-6150-21074-005– Dehumidifier Replacement
Less cost of award	\$ 53,729.28	Cost of award (Incl. of HST)
Budget remaining after this award	\$ 31,918.72	

The remaining budget of \$31,918.72 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 15-20 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.

#9

**STAFF AWARD REPORT**

To:	Morgan Jones, Commissioner, Community Services
Re:	165-T-21 Angus Glen Community Centre Arena Seating Replacement
Date:	September 14, 2021
Commission:	Community Services / Recreation Services

BID INFORMATION

Bid closed on	September 10, 2021
Number picking up bid document	5
Number responding to bid	2

PURPOSE/BACKGROUND

To obtain approval to award the contract to supply and replace the existing spectator seating in the east and west arenas. There are 450 seats that need to be replaced and these seats are connected on a frame so they cannot be replaced individually, they have to be replaced by row. These seats were installed in 2003 and are in poor working condition. Replacement is warranted based on condition assessment.

The work will be completed by February 2022.

RECOMMENDATION

Recommended bidder	Forum Athletic Products Inc. (lowest priced bidder)	
Current budget available	\$ 225,205.00	070 -6150-21072-005 – Angus Arena Seating
Less cost of award	\$ 156,616.78	Cost of award (Incl. of HST)
Budget remaining after this award	\$ 68,558.22	

The remaining budget of \$68,558.22 will be returned back to its original funding source.

OPERATING BUDGET AND LIFE CYCLE IMPACT

There will be no impact to the operating budget. While spectator seats typically have a lifespan of 15 years, based on the condition assessment and experience with the product, the life cycle of the spectator seating will be extended to 18 years.

ENVIRONMENTAL CONSIDERATIONS

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

#10**STAFF AWARD REPORT**

To:	Andy Taylor, Chief Administrative Officer
Re:	177-T-21 Street, Park and Parking Lot Lighting Maintenance and Locates
Date:	September 21, 2021
Commission / Department:	Community Services / Operations

BID INFORMATION

Bid closed on	September 9, 2021
Number picking up bid document	9
Number responding to bid	3

PURPOSE/BACKGROUND

To obtain approval to award the contract for routine and emergency maintenance of the City lighting system (streets, walkways, parks, transit ways, parking lots, and City property) as well as locates for both City lighting system and traffic lighting system. The contract includes 344 items (material, labour - emergency / non-emergency hours and equipment) on as required basis.

The term of the contract is for one (1) year commencing on January 1, 2022 with the option to renew for three (3) additional one (1) year periods.

RECOMMENDATION

Recommended bidder	Guild Electric Limited (lowest priced bidder)	
Current budget available	\$1,175,152.00	See Financial Considerations
Less cost of award	\$1,175,152.00	2022 Award (Incl. of HST)
	\$1,175,152.00	2023 Award (Incl. of HST)
	\$1,175,152.00	2024 Award (Incl. of HST)
	<u>\$1,175,152.00</u>	2025 Award (Incl. of HST)
	<u>\$4,700,608.00</u>	Total cost of award (Incl. of HST)
Budget remaining after this award	\$ 0.00	

Subject to Council approval of the 2022-2025 operating budgets.

The renewal terms are subject to annual price increases based on the Consumer Price Index for All Items Ontario for the twelve (12) month period ending October 31 in the applicable year up to a maximum of 2%. The contract is being awarded to budget as the 344 items that may be required during the contract term are on an as required basis.

OPERATING BUDGET AND LIFE CYCLE IMPACT

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

FINANCIAL CONSIDERATIONS

Account Name	Account #	Budget Allocated for this Purchase	Estimated Cost of Purchase	Budget Remaining /(Shortfall)
Operation Light Maintenance and Repair (including Parks and Parking Lots)	720-720-5497	\$ 752,260.00	\$ 752,260.00	\$ -
Operation Other Maintenance and Repair (Accident and Vandalism)	720-720-5499	\$ 127,000.00	\$ 127,000.00	\$ -
Operations Utility Locates	720-720-5436	\$ 219,274.00	\$ 219,274.00	\$ -
Engineering Traffic Signal Maintenance (locates only)	740-998-5308	\$ 16,868.00	\$ 16,868.00	\$ -
Operations Parking Lot Replacment	720-720-5497	\$ 10,000.00	\$ 10,000.00	\$ -
Operations Facility Maintenance	730-743-5414	\$ 40,000.00	\$ 40,000.00	\$ -
Operations Trafalgar Poles	031-222-0033	\$ 9,750.00	\$ 9,750.00	\$ -
Totals:		\$ 1,175,152.00	\$ 1,175,152.00	-

ENVIRONMENTAL CONSIDERATIONS

N/A

#11

**STAFF AWARD REPORT**

To:	Andy Taylor, Chief Administrative Officer
Re:	041-T-21 Installation of Oil Grit Separator at Stormwater Management Pond (ID #70)
Date:	August 30, 2021
Commission/Department:	Community Services / Environmental Services

BID INFORMATION

Bids closed on	August 20, 2021
Number picking up bid documents	6*
Number responding to bid	3

*This Request for Tender was by invitation only. 15 contractors who were pre-qualified under Request for Pre-qualification #196-P-20 were eligible to submit a Bid in response to this Request for Tender.

PURPOSE/BACKGROUND

To obtain approval to award for installation of oil grit separator (OGS) at stormwater management pond ID #70, located north of Toogood Pond, on Aitken Circle.

Work is scheduled to commence upon award and be completed by November 1, 2021.

RECOMMENDATION

Recommended bidder	Midome Construction Services Ltd. (lowest priced bidder)	
Current budget available	\$270,000.00	058-6150-19236-005 SWM Pond Cleaning – Pond ID#43 & ID#70
Less cost of award	\$269,664.00 \$ 26,966.40 \$296,630.40	Cost of Award Contingency @ 10% Total Award (incl. HST Impact)
Budget remaining after this award	(\$26,630.40)	
Budget available	\$55,036.00	058-6150-19236-005 SWM Pond Cleaning
Budget remaining	\$28,405.60	

The shortfall of \$26,630.40 was mainly due to current market conditions and COVID-19 pandemic. The shortfall will be funded from the available budget of \$55,036.00 in the same Project 19236. The budget availability is due to favorable pricing received for consulting services and construction cost for pond #43. The remaining budget in the amount of \$28,405.60 (\$55,036.00 – 26,630.40) will be returned to the original funding source.

OPERATING BUDGET AND LIFE CYCLE IMPACT

There is no incremental impact to the operating budget and Life Cycle Reserve Study. Upon project completion, Pond ID#70 will be removed from the life cycle as no future inspection, maintenance or cleanouts are required. The OGS will be added to the life cycle under the OGS cleanout program. In the long term, the cleanout costs associated with the OGS are comparable versus pond cleanouts, thus no incremental increase in the total life cycle cost.

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.

#12**STAFF AWARD REPORT**

To:	Graham Seaman, Director, Sustainability & Asset Management
Re:	113-Q-21 Pan Am Centre Main Gym Competition Lighting Upgrades
Date:	May 26, 2021
Commission:	Community & Fire Services / Sustainability & Asset Management

BID INFORMATION

Bid closed on	May 20, 2021
Number picking up bid document	4
Number responding to bid	4

PURPOSE/BACKGROUND

To obtain approval to award the contract for the supply and installation of ninety-two (92) new LED high-bay fixtures and controls in the main gym at the Pan Am Centre.

It is anticipated that work will be completed by September, 2021.

RECOMMENDATION

Recommended bidder	ZSD Electric Inc. (lowest priced bidder)	
Current budget available	\$ 84,485.00	500-101-5399-16269 – Pan Am Other Works
Less cost of award	\$ 77,836.22	Bid price (Incl. of HST)
	\$ 6,616.08	Contingency @ 8.5%
	\$ 84,452.30	Cost of award (Incl. of HST)*
Budget remaining after this award	\$ 32.70	

The cost of award includes a cash allowance of \$2,035.20 for new circuits to be programmed on the existing lighting control management system.

The remaining budget of \$32.70 will be returned to its original funding source.

OPERATING BUDGET AND LIFE CYCLE IMPACT

The new LED fixtures are expected to be used during competition level events only. Recreation staff estimate a full event calendar in 2022, with 50 events that will require competition lighting. Based on the 2019 average of 3 days per event, 16 hours a day, and 2021 hydro budget rate of \$0.1515/kwh, the incremental operating budget impact is \$10,700 (Pan Am CC Hydro: 506-9215000).

The Life Cycle Reserve Study will be updated to reflect the award cost of the equipment.

ENVIRONMENTAL CONSIDERATIONS

N/A

#13

**STAFF AWARD REPORT**

To:	Trinela Cane, Commissioner, Corporate Services
Re:	117-T-21 Uniforms for Municipal Law Enforcement Officers
Date:	July 16, 2021
Commission:	Corporate Services / By-Law Enforcement & Licensing

BID INFORMATION

Bid closed on	May 28, 2021
Number picking up bid document	13
Number responding to bid	10

PURPOSE/BACKGROUND

To obtain approval to award the contract for the supply and delivery of uniforms for the City's law enforcement officers. There are currently 32 full-time officers and 15 part-time officers in the by-laws department. There are 6 new officers for the animal care team (2 full-time and 4 part-time) for a total of 53 that require uniforms.

As part of the scope of work, the vendor will supply and deliver various garments, which include but is not limited to:

- Short/Long Sleeve Shirts
- Pants
- Sweaters
- Seasonal Jackets

Each garment piece will be custom embroidered to include the City of Markham patches, name identification, and tailored to fit Markham epaulettes. The contract will be for one (1) year with the option to extend at the same for three (3) additional one year periods subject to an annual CPI increase (all-items Ontario) to a maximum of 2%.

RECOMMENDATION

Recommended bidder	m d charlton company. (lowest priced bidder)	
Current budget available	\$ 38,396.00	310-323-4260 (Officer Uniforms)
Less cost of award	\$ 28,390.00	October 1, 2021 – December 31, 2021
	\$ 38,396.00	January 1, 2022 – December 31, 2022
	\$ 38,396.00	January 1, 2023 – December 31, 2023
	\$ 38,396.00	January 1, 2024 – September 30, 2024
	\$ 113,560.00	Total cost of award
Budget remaining after this award	\$ 0.00	

Uniforms are ordered spring/fall to accommodate seasonal weather. The award amount for 2021 is less commitments spent in the spring. Years 2022-2024 subject to Council approval of the annual operating budgets. The renewal terms are subject to an annual CPI increase (all-items Ontario) not to exceed 2%. The Department will order uniforms as required to the full budget amount.

OPERATING BUDGET AND LIFE CYCLE IMPACT

The operating budget will be adjusted to reflect annual CPI increases in 2022-2024. There is no impact to the Life Cycle Reserve Study.

ENVIRONMENTAL CONSIDERATIONS

N/A

#14**STAFF AWARD REPORT**

To:	Morgan Jones, Commissioner, Community Services
Re:	124-T-21 Rouge River Community Centre Mechanical Replacement
Date:	June 24, 2021
Commission:	Community Services / Recreation Services

BID INFORMATION

Bid closed on	June 9, 2021
Number picking up bid document	13
Number responding to bid	9

PURPOSE/BACKGROUND

To obtain approval to award the contract for the replacement of mechanical equipment at the Rouge River Community Centre. The equipment distributes heat and hot water throughout the building.

This includes replacement of: (1) boiler, (2) water heaters, (1) makeup air unit that is warranted based on condition assessment. The work will be completed by November, 2021

RECOMMENDATION

Recommended bidder	LCD Mechanical Inc. (lowest priced bidder)	
Current budget available	\$ 306,243.00	070-6150-21095-005– Mech Replacement
Less cost of award	\$ 274,616.40	Bid price (Incl. of HST)
	\$ 27,461.64	Contingency @ 10%
	\$ 302,078.05	Cost of award (Incl. of HST)
Budget remaining after this award	\$ 4,164.95	

The cost of award includes a cash allowance of \$5,596.80 for water proofing and roof penetration repairs. The remaining budget of \$4,164.95 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 15-20 years. Rouge River Community Centre's utility operating budget will be reduced by \$1,000 as part of the 2022 operating budget.

ENVIRONMENTAL CONSIDERATIONS

The high-efficiency condensing boiler is expected to save over 6,700 cubic meters of natural gas per year and is eligible for a one-time incentive of \$2,688 through Enbridge Gas. The natural gas savings results in an avoided cost of over \$2,000/year for the year 2022 (including \$50/tonne federal Carbon Pricing impact), and escalates to an avoided cost of over \$3,500/year for the year 2030 (including \$170/tonne Federal Carbon Pricing impact). Incentive rebated to MECO account (270-998-9385).

#15

**STAFF AWARD REPORT**

To:	Alice Lam, Director, Operations
Re:	161-Q-21 Rental of V Bin Stockpiling Conveyor
Date:	July 19, 2021
Commission / Department:	Community Services / Operations

BID INFORMATION

Bid closed on	June 30, 2021
Number picking up bid document	3*
Number responding to bid	3

*The RFQ was issued as an invitation only to three (3) bidders as there are a limited number of vendors that can provide this type of specialized equipment on a rental basis.

PURPOSE/BACKGROUND

To obtain approval to award the contract for the rental of a V bin stockpiling conveyor for the City's Miller Yard and East Works Yard. The term of the contract is for a one (1) month period from October 1 to October 31, 2021 and from September 1 to September 30 in the subsequent renewal terms.

The existing stockpiling conveyor (unit #1913) has been deemed unsafe and unusable and is currently located at the Miller Yard. The unit was removed from the 2021 Life Cycle update as it was decided to rent the equipment, instead of replacing it so that it could be utilized at both yards to assist with salt loading for winter operations.

The unit being rented to replace (unit 1913) will be sold 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).

RECOMMENDATION

Recommended bidder	Cliffords Haulage Ltd. (lowest priced bidder)	
Current budget available	\$ 0.00	700-504-5506 Winter Maintenance Equipment Rental
Less cost of award	\$15,874.56	Oct 1 – 31, 2021 Award (Incl. of HST)
	\$15,874.56	Sept 1 – Sept 30, 2022 Award (Incl. of HST)*
	\$15,874.56	Sept 1 – Sept, 30, 2023 Award (Incl. of HST)*
	<u>\$15,874.56</u>	Sept 1 – Sept, 30, 2024 Award (Incl. of HST)*
	\$63,498.24	Total cost of award (Incl. of HST)
Budget shortfall	(\$15,874.56)	**

*Subject to Council approvals of the 2022-2024 operating budgets. The renewal terms are subject to annual price increases based on the Consumer Price Index for All Items Ontario the twelve (12) month period ending December 31 in the applicable year up to a maximum of 2%.

** The 2021 cost of rental of \$15,874.56 will be absorbed through the existing winter maintenance operating budget and reported as an unfavourable variance as part of the 2021 year end results of operations.

OPERATING BUDGET AND LIFE CYCLE IMPACT

There is no incremental impact to future updates of the Life Cycle Reserve Study. Unit #1913 was removed from the 2021 Life Cycle Reserve Study Update. The 2022 winter maintenance operating budget will be adjusted to include the cost of this award, subject to Council approval.

ENVIRONMENTAL CONSIDERATIONS

N/A

#16

**STAFF AWARD REPORT**

To:	Andy Taylor, Chief Administrative Officer
Re:	083-T-21 Boulevard and Park Tree Replacement
Date:	August 6, 2021
Commission / Department	Community Services / Operations

BID INFORMATION

Bid closed on	July 13, 2021
Number picking up bid document	10
Number responding to bid	8

PURPOSE/BACKGROUND

To obtain approval to award the contract for the supply, delivery, installation and two (2) year maintenance and warranty of 3081 (street/boulevard and park) trees.

The work is to be completed by November 1, 2021.

RECOMMENDATION

Recommended bidder	The Gordon Company (lowest priced bidder)	
Current budget available	\$1,172,000.00	See Financial Considerations
Less cost of award	\$1,192,627.20	Total cost of award (Incl. of HST)
Budget shortfall	(\$ 20,627.20)	HST impact of 1.76%*

*The project will be funded from the ICIP (Investing in Canada Infrastructure Program) funding (case numbers 2020-11-1465600634 / 2021-01-1-1474044200 / 2021-01-1-1474054710) within the total available budget allocated for this component (\$1,172,000.00).

All project costs other than HST impact will be eligible for reimbursement by the Province after they are incurred and paid for by the City. The cost of award is up-fronted until the reimbursement is received. The original tender requested planting of 2,490 boulevard/street and park trees, however due to favourable unit pricing from the lowest priced bidder, the City is able to add an additional 591 trees to fully utilize all the funds from the ICIP. The budget shortfall of \$20,627.20 relating to the HST expense portion of this award will be funded from the Trees for Tomorrow Reserve.

FINANCIAL CONSIDERATIONS

Account Name	Account #	Budget Amount Allocated for this Purchase	Cost of Award	Budget Remaining/ (Shortfall)
Boulevard/Park Trees Replacement	700-101-5399-21120	\$ 294,000.00	\$ 294,000.00	\$ -
Tree Replacement Program Vacant Sites	700-101-5399-21215	\$ 797,500.00	\$ 797,500.00	\$ -
Markham Trees for Tomorrow	700-101-5399-21128	\$ 80,500.00	\$ 80,500.00	\$ -
HST Impact - to be funded from Trees for Tomorrow Reserve	087-2800170	\$ -	\$ 20,627.20	\$ (20,627.20)
Total		\$ 1,172,000.00	\$ 1,192,627.20	\$ (20,627.20)

Funding Source Adjustments

The projects were approved as part of the 2021 Capital Budget process, prior to the ICIP funding approval. The original funding source for capital projects #21120 – Boulevard/Park Trees Replacement and #21125 – Tree Replacement Program Vacant Sites was from the Life Cycle Capital and Replacement Reserve.

Similarly, the original funding source for project #21128 – Markham Trees for Tomorrow was from the Trees for Tomorrow Reserve. Total original funding of \$1,172,000 has been returned to source to be fully replaced by the external grant funding confirmed by ICIP, with the exception of the HST impact. The net impact is \$1,091,500 returned back to the Life Cycle Reserve and \$59,872.80 (\$80,500 - \$20,627.20) returned back to the Trees for Tomorrow Reserve as a one-time occurrence.

The budget shortfall of \$20,627.20 will be funded from the Trees for Tomorrow Reserve.

OPERATING BUDGET AND LIFE CYCLE IMPACT

There is no incremental impact to the operating budget. Staff will monitor unit prices from future awards and determine if increases to the Life Cycle Reserve Study will be required.

ENVIRONMENTAL CONSIDERATIONS

Trees produce oxygen and remove carbon dioxide and contaminants from the air. Additionally, they provide habitat for birds and other wildlife.

#17

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

To:	Morgan Jones, Commissioner, Community Services
Re:	CRFT-2018-01 Supply & Delivery of Screened Winter Sand, Mixing of Screened Sand On-Site & Stockpiling Contract Extension (116-Q-18)
Date:	September 23, 2021
Commission / Department:	Community Services / Operations

PURPOSE/BACKGROUND

To obtain approval to extend the contract award for the supply and delivery of screened winter sand, mixing of screened sand on-site & stockpiling for two (2) additional one (1) year terms.

York Region on behalf of the York Public Buyers Association issued the bid for the supply and delivery of screened winter sand for three (3) years at the same itemized pricing. The participating agencies are as follows:

- Town of Aurora
- Town of East Gwillimbury
- City of Markham
- Town of Newmarket
- Town of Richmond Hill
- City of Vaughan
- Town of Whitchurch-Stouffville

The tender included an option to extend the contract for two (2) additional one (1) year terms subject to the Consumer Price Index (CPI) for the City of Toronto “All-items” up to a maximum of 2.5% calculated from the month of July from the preceding year to the month of July of the current year. The contract will commence mid-October 2021 and be completed by mid-April 2022.

York Region has extended their contract with the vendor (James Dick Construction Limited) for the upcoming 2021/2022 season. Operations has confirmed James Dick Construction Limited performed satisfactory in 2020/2021.

RECOMMENDATION

Recommended bidder	James Dick Construction Limited (Sole Bidder)	
Current budget available	\$37,311.00	700-504-4520 Sand
Less cost of award	\$15,634.31 \$27,248.38 <u>\$11,614.06</u> \$54,496.76	2021 (October 15 – December 31) (Incl. of HST) 2022 (January 1 – December 31) (Incl. of HST)* and * 2023 (January 1 – April 15) (Incl. of HST)* Total cost of award (Incl. of HST)
Budget remaining after this award	\$10,062.62	

*Subject to Council approval of the 2022-2023 operating budgets. The remaining budget of \$10,062.62 will remain in the account. Staff will monitor actual usage during Q4-2021 and Q1-2022 winter seasons and will make recommendations for budget adjustments as part of the 2023 operating budget process.

OPERATING BUDGET AND LIFE CYCLE IMPACT

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

ENVIRONMENTAL CONSIDERATIONS

N/A

#18

**STAFF AWARD REPORT**

To:	Mary Creighton, Director, Recreation Services
Re:	153-Q-21 Thornhill Community Centre and Clatworthy Arena Door Replacement
Date:	July 22, 2021
Commission:	Community & Fire Services / Recreation Services

BID INFORMATION

Bid closed on	July 20, 2021
Number picking up bid document	4
Number responding to bid	4

PURPOSE/BACKGROUND

To obtain approval to award the contract to supply and replace 27 doors at the Thornhill Community Centre and Clatworthy Arena. These doors were last replaced between 1998-2003 and are in poor working condition. Replacement is warranted based on condition assessment.

The work will be completed by October, 2021

RECOMMENDATION

Recommended bidder	Royal Security Solutions Inc. (lowest priced bidder)	
Current budget available	\$ 47,000.00	500-101-5399-18133 – Clatworthy Doors
	\$ 43,093.00	500-101-5399-18181 – Thornhill C.C Doors
	\$ 90,093.00	Total budget available
Less cost of award	\$ 63,971.00	Cost of award (Incl. of HST)
Budget remaining after this award	\$ 26,123.00	

The remaining budget of \$26,123.00 will be returned back to its original funding source.

OPERATING BUDGET AND LIFE CYCLE IMPACT

There will be no impact to operating budget. The Life Cycle Reserve Study will be updated upon project completion.

ENVIRONMENTAL CONSIDERATIONS

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

#19

**STAFF AWARD REPORT**

To:	Andy Taylor, Chief Administrative Officer
Re:	150-T-21 Block Tree Pruning Program – Year 3 of 3
Date:	August 26, 2021
Commission / Department:	Community Services / Operations

BID INFORMATION

Bid closed on	July 6, 2021
Number picking up bid document	4
Number responding to bid	2

PURPOSE/BACKGROUND

To obtain approval to award the contracts for tree pruning of 23,595 street trees in seven (7) grid areas. The City owns approximately 100,000 street trees. This 3-year (\$3.0M) capital program will address proactive street tree pruning of approximately 70,000 trees through contracted services to improve storm damage resistance and reduce resident complaints. Once the 70,000 trees have been pruned over the 3-year period, the remaining 30,000 trees will be addressed as part of the regular operating budget.

Year 1 was completed in 2020 with the pruning of 24,059 street trees in seven (7) grid areas. Year 2 was completed in 2021 with the pruning of 24,840 street trees in six (6) grid areas. Under this report, staff are awarding Year 3 with the pruning of 23,595 street trees in seven (7) grid areas.

It is anticipated that year 3 work will commence upon contract award with the majority of the work (6 of the 7 grid areas) to be completed by December 31, 2021 with the remainder of the work (1 of the 7 grid areas) to be completed by June 3, 2022.

RECOMMENDATION – 7 Grid areas (ICIP Funding)

Recommended bidder	W.M. Weller Tree Service Ltd. (3 grid areas) – lowest priced Davey Tree Expert Co. of Canada, Limited (4 grid areas) – lowest priced	
Current budget available	\$723,000.00	Blocking Pruning Initiative Year 3 of 3 (ICIP Funding)*
Less cost of award	\$224,749.60 \$466,214.66 \$690,964.26	W.M. Weller Tree Services Ltd. Award Davey Tree Expert Co. of Canada Ltd. Award Total cost of award (Excl. of HST)**
Budget remaining after this award	\$ 32,035.74	

*The project will be funded from the ICIP (Investing in Canada Infrastructure Program) funding (case number 2020-11-1465600634) within the available budget allocated for this component (\$723,000.00). All project costs other than HST impact will be eligible for reimbursement by the Province after they are incurred and paid for by the City. The cost of award is up fronted until the reimbursement is received.

At this time, the remaining ICIP funding in the amount of \$32,035.74 (\$723,000.00 - \$690,964.26) will not be fully utilized due to favourable pricing.

**HST impact of 1.76% (\$12,160.97) is not recoverable as part of the ICIP grant funding for the award to W.M. Weller Tree Services Ltd. and Davey Tree Expert Co. of Canada Ltd. [(\$224,749.60 + \$466,214.66)*1.76%].

This will be funded from the Trees for Tomorrow Reserve and requested as part of the 2022 capital budget process, subject to Council approval.

OPERATING BUDGET AND LIFE CYCLE IMPACT

The operating budget is being increased by \$50,000 per year for 3 years, starting in 2020. This phase-in of the \$150,000 provides the appropriate funding required by 2023, in the Parks operating budget, to address the remaining 30,000 trees identified in the background section above. There is no incremental impact to the Life Cycle Reserve Study.

FINANCIAL CONSIDERATIONS

Account Name	Account #	Budget Amount Allocated for this Purchase	Cost of Award	Budget Remaining/ (Shortfall)
Block Pruning Initiative Year 3 of 3 (ICIP Funding)	700-101-5399-21214	\$ 723,000.00	\$690,964.26	\$ 32,035.74
Block Pruning Initiative Year 3 of 3 (2022 Capital Budget Request - HST impact 1.76%)	087-2800170	\$ 12,160.97	\$ 12,160.97	\$ -
Total		\$ 735,160.97	\$703,125.23	\$ 32,035.74

At the beginning of this initiative it was anticipated that a budget amount of \$1,017,600 would be requested for each year of the three-year program. Due to the new ICIP grant program the year 3 funding as part of the 2022 capital budget in the amount of \$1,017,600 will not be required. ICIP have confirmed that they will provide grant funding up to a maximum amount of \$723,000 for year 3 of this project, providing that all work will be completed by December 31, 2023. The 2022 capital budget request will be \$12,160.97 relating to the HST impact (1.76%) for the total cost of this award, to be funded from the Trees for Tomorrow Reserve, and is subject to Council approval.

ENVIRONMENTAL CONSIDERATIONS

Trees collectively enhance ecology in urbanized areas; however, they require regular pruning to clear traffic signs, streetlights, and provide clearance for pedestrians and vehicles. Pruning will reduce the risks associated with poor structure to protect people and properties. The pruning is also to help maintain the health of the tree by removing dead or dying branches.