



Report to: General Committee

Meeting Date: October 4, 2021

SUBJECT: Staff awarded contracts for June, July and August 2021
PREPARED BY: Alex Moore, Ext. 4711

RECOMMENDATION:

1. THAT the report entitled “Staff Awarded Contracts for the Months of June, July & August 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 months of June, July & August 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	012-T-21 Rehabilitation of Streetlight System (2020)	Lowest priced bidder	Community Services
2	Engaged, Diverse, Thriving & Vibrant City	036-R-21 Consulting Services, Diversity Action Plan Update	Highest ranked / second lowest priced bidder	Chief Administrative Office
3	Safe & Sustainable Community	050-T-21 Cornell Parking Garage Repairs – Structural Repairs and Construction administration and inspection	Lowest priced bidder	Chief Administrative Office
4	Safe & Sustainable Community	093-Q-21 Supply and Delivery of One (1) 16' Full Size Cube Body Van	Lowest priced bidder	Community Services / Operations
5	Engaged, Diverse, Thriving & Vibrant City	097-T-21 – Blodwen Davies Park - Construction	Lowest priced bidder	Development Services/Planning and Urban Design
6	Safe & Sustainable Community	101-T-21 Supply and Delivery of Three (3) 2500 Series Crew Cab 4x4 Pick-Up Trucks Complete With Plows	Lowest priced bidder	Community Services / Operations
7	Safe & Sustainable Community	102-T-21 Supply and Delivery of Various Vehicles	Lowest priced bidder	Community Services / Operations
8	Safe & Sustainable Community	108-T-21 Ditch Cleaning, Haulage & Disposal	Lowest priced bidder	Community Services / Operations
9	Exceptional Services by Exceptional People	116-Q-21 Heintzman House Chimney Restoration	Lowest priced bidder	Corporate Services / Sustainability & Asset Management

Number	BMFT Objective	Description	Award Details	Commission
10	Exceptional Services by Exceptional People	118-T-21 Roof Replacement at Armadale Community Centre and Varley Art Gallery	Lowest priced bidder	Corporate Services / Sustainability & Asset Management
11	Safe & Sustainable Community	121-T-21 Landscape Maintenance Activities – Highway 7 (from South Town Centre Boulevard to Sciberras Road)	Lowest priced bidder	Community Services / Operations
12	Safe & Sustainable Community	122-T-21 Steel Beam Guide Rail Installation, Repairs & Upgrades	Lowest priced bidder	Community Services / Operations
13	Engaged, Diverse, Thriving & Vibrant City	146-T-21 – Cornell Parkette - Construction	Lowest priced bidder	Development Services/Planning and Urban Design
14	Safe & Sustainable Community	151-Q-21 Swan Lake Chemical Treatment	Lowest priced bidder	Community Services/ Environmental Services
15	Safe & Sustainable Community	158-S-21 Consulting Services, Yonge Corridor Land Use and Built Form Study	Non-competitive procurement	Development Services / Policy and Research
16	Safe & Sustainable Community	120-T-21 Markham Centre Multi-Use Trail Construction from Warden Avenue to Birchmount Road	Lowest priced bidder	Development Services / Engineering
17	Safe & Sustainable Community	013-T-21 Court Resurfacing and Rebuilding	Lowest priced bidder	Community Services/ Operations
18	Engaged, Diverse and Thriving City	088-T-21 – Debbi Wilkes Park - Construction	Lowest priced bidder	Development Services/Planning and Urban Design
19	Safe & Sustainable Community	104-T-21 Sidewalk Construction Program	Lowest priced bidder	Development Services / Engineering
20	Safe & Sustainable Community	131-R-21 - Consulting Eng. Services for the Detailed Design of the Sidewalk Program	Highest ranked / 2 nd lowest priced bidder	Development Services / Engineering
21	Safe & Sustainable Community	140-R-21 - Consulting Eng. Services for Erosion Restoration at Berczy Creek (BER-25) and Rouge River (ROU-122)	Highest ranked / lowest priced bidder	Development Services / Engineering
22	Exceptional Services by	141-Q-21 Elson Miles Farmhouse Foundation	Lowest priced bidder	Corporate Services / Sustainability & Asset Management

Number	BMFT Objective	Description	Award Details	Commission
	Exceptional People	Waterproofing & Porch Deck Repair		
23	Safe & Sustainable Community	145-T-21 New Infill Residential Service Connections at Various Locations	Lowest priced bidder	Development Services / Engineering
24	Exceptional Services by Exceptional People	156-T-21 -Rooftop Unit Replacement at 555 Miller Ave	Second lowest priced bidder	Corporate Services, Sustainability & Asset Management
25	Safe & Sustainable Community	159-Q-21 Gabion Wall and Guard Rail Restoration	Lowest priced bidder	Environmental Services / Waterworks
26	Exceptional Services by Exceptional People	160-S-21 Supply & Delivery of Carpet Tiles for Civic Centre	Non-competitive procurement	Corporate Services, Sustainability & Asset Management
27	Safe & Sustainable Community	162-S-21 Contract Extension, Smart Commute Markham, Richmond Hill	Non-competitive procurement	Development Services / Engineering
28	Safe & Sustainable Community	172-T-21 Floodlights, Poles & Cross Arms Replacements at Various Parks	Lowest priced bidder	Community Services / Operations
29	Stewardship of Money and Resources	176-S-21 CityTouch Software Services Agreement Renewal for Hosting and Monitoring Services of LED Streetlighting Systems	Non-competitive procurement	Community Services / Operations
30	Safe & Sustainable Community	185-T-21 New Infill Residential Service Connections at Various Locations	Lowest priced bidder	Development Services / Engineering
31	Stewardship of Money and Resources	192-S-21 Consulting Services, Reviewing Alternative Parkland Dedications and Cash-In-Lieu Policies for the Parks and Open Space Study	Non-Competitive Procurement	Corporate Services / Planning & Urban Design Services
32	Engaged, Diverse and Thriving City	195-S-21 Consulting Services, Housing Strategy – Inclusionary Zoning Policy Market Study	Non-Competitive Procurement	Development Services/ Policy and Research
33	Safe and Sustainable Community	166-R-21 Contract Administration/Inspection for Cast Iron Watermain Rehabilitation using CIPP Lining	Lowest priced bidder	Community Services / Environmental Services

Number	BMFT Objective	Description	Award Details	Commission
34	Safe and Sustainable Community	155-T-21 Cast Iron Watermain Rehabilitation using CIPP Lining	Lowest priced bidder	Community Services / Environmental Services
35	Safe and Sustainable Community	179-R-21 - Supply and Delivery of Pedestal-Style Hand Sanitizer Dispensers and Hand Sanitizer Refill Product	Highest ranked bidder / 4 TH lowest priced bidder	Corporate Services / Sustainability & Asset Management
36	Safe and Sustainable Community	168-Q-21 Building Automation System Modifications at Various City Facilities	Lowest priced bidder	Corporate Services / Sustainability & Asset Management

RECOMMENDED BY:

Joel Lustig
Treasurer

Trinela Cane
Commissioner, Corporate Services

STAFF AWARD REPORT

To:	Morgan Jones, Commissioner of Community Services
Re:	012-T-21 Rehabilitation of Streetlight System (2020)
Date:	May 31, 2021
Commission:	Community Services

BID INFORMATION

Bid closed on	May 21, 2021
Number picking up document	12
Number responding to bid	6

PURPOSE/BACKGROUND

To obtain approval to award the contract for the rehabilitation of the existing streetlight system and the installation of new streetlights. The award consists of two components:

1. Streetlight Pole Replacement and Rehabilitation - straightening of 11 poles, replacement of 21 existing poles, and rehabilitation of 27 poles;
2. Streetlighting Upgrades - Supply and installation of 23 new LED streetlights on a combination of 8 new streetlight poles and 15 existing hydro poles.

The project is expected to commence by June 2021 and be substantially completed by November 2021.

RECOMMENDATION

Recommended bidder	Hastings Utilities Contracting Ltd. (lowest priced bidder)	
Current budget available	\$ 260,412.57	See Financial Considerations
Less cost of award	\$ 185,650.94 \$ 18,565.10 \$ 204,216.04	Cost of Award* 10% Contingency Total Award incl. of HST impact
Budget remaining after award	\$ 56,196.53	**

* Bid price includes a cash allowance of \$12,821.76 for unmetered load letters for new luminaire connections signed and stamped by a professional engineer and Alectra's connection charges.

**Refer to Financial Considerations for additional details.

Financial Considerations

Account Name	Account #	Current Budget Available	Cost of Award	Contingency (10%)	Budget Remaining
Streetlights - Poles Replacement Program	058-6150-20242-005	\$124,200.00	\$101,826.14	\$10,182.61	\$12,191.24
Streetlights - Miscellaneous Requests	058-6150-20240-005	\$136,212.57	\$83,824.80	\$8,382.48	\$44,005.29
Total		\$260,412.57	\$185,650.94	\$18,565.09	\$56,196.53

Note: An additional \$16,387.43 has been committed to #20240 to retain a consultant to secure 3rd party attachment permits for attachment of streetlight luminaires on existing hydro poles. An amount of \$23,800.00 is required for Alectra's charges related to 3rd party attachments. The remaining balance of \$16,009.10 (\$56,196.53 - \$40,187.43) will be returned to the original funding source.

OPERATING BUDGET AND LIFE CYCLE IMPACT

The incremental annual operating impact is \$2,760, which will be included in the 2022 budget, subject to Council approval. This consists of \$2,185 (23 new streetlight x \$95/ hydro per streetlight) for streetlight hydro and \$575 for streetlight maintenance (23 new streetlights x \$25 maintenance per pole).

Streetlights have a lifecycle of 60 years and will have no immediate impact to the Life Cycle Reserve Study in the next 25 years.

ENVIRONMENTAL CONSIDERATIONS

Concrete poles identified for removal will be recycled at an approved recycling facility. The new streetlights will be upgraded to LED lighting, which are more energy efficient and dark sky friendly.

STAFF AWARD REPORT

To:	Andy Taylor, Chief Administrative Officer
Award:	036-R-21 Consulting Services, Diversity Action Plan Update
Date:	June 11, 2021
Commission:	Chief Administrative Office

BID INFORMATION

Bid closed on	May 5, 2021
Number picking up bid document	22
Number responding to bid	6

PURPOSE/BACKGROUND

To obtain approval to award the contract for consulting services for the update to Markham's original Diversity Action Plan 2010 - 2019- *Everyone Welcome*. The City's updated Diversity Action Plan 2021 - 2031 will be an external facing action plan, based on community and stakeholder consultation, that will lay out the future framework, recommendations and actions that will ensure that City policies, programs, services, spaces and decision making are inclusive, fair, accessible and equitable. The updated Diversity Action Plan will support communities to live and participate in a city where their best lives are possible, and where everyone can live, work and play while feeling welcome and a sense of belonging without racism, discrimination, systemic racism, stereotyping or prejudice.

The City's updated Diversity Action Plan process will also include an action plan to address anti-Black racism. The Anti-Black Racism Action Plan may live as a separate document and will also be a component of the updated Diversity Action Plan.

In order to be relevant and reflective of community and stakeholder perspectives, the development of the Diversity Action Plan will be based on significant community and stakeholder engagement and, consultation. There will be two components to the community and stakeholder consultations and both must occur during the fall of 2021. Opportunities will be provided to communities and stakeholders to review draft reports.

1. **First Consultation** – This component will support the City's Strategy to Combat Anti-Black Racism issued in July 2020. This consultation will be, on a priority basis, to meet with, and seek input from, members of the City's Black communities and stakeholders.
2. **Second Consultation** – This component will provide opportunities for all in Markham to be a part of the consultation process and to provide their views about diversity, equity and inclusion at the City.

The action plans will each be structured with a vision, guiding principles, themes/issues, recommendations and actions. Timing and lead departments will be assigned to each action. The reports and action plans will be presented to Council for feedback and finalized by the end of April 2022.

The key deliverables of the Work include:

- i) Consultation with members of Markham's Black communities and stakeholders
- ii) Broad consultations with members of Markham's communities and stakeholders
- iii) Council approved Anti-Black Racism Action Plan document (that can exist as a separate document as well as exist as a component of the Diversity Action Plan)
- iv) Council approved Diversity Action Plan document

RECOMMENDATION

Recommended bidder	Ryerson University (doing business as The Diversity Institute) (highest ranked / second lowest priced bidder)	
Current budget available	\$101,800.00 \$ 53,200.00 \$155,000.00	# 200-101-5699-21043 Diversity Action Plan # 200-998-5630 Management Consulting
Less cost of award	\$154,673.16	Total Cost of Award (Inclusive of HST)
Budget remaining after this award	\$ 326.84	*

* The remaining funds in the amount of \$326.84 will be retained in the operating account "Management Consulting", a/c #200-998-5630, to fund other management consulting work.

PROPOSAL EVALUATION

The Evaluation Team for this RFP was comprised of Staff from Human Resources, Finance, Planning and the Commissioner of Corporate Services, and the City Solicitor & Director of Human Resources, with Procurement Staff acting as the facilitator.

Stage 1 – Qualifications and Technical Proposal

During Stage 1, the proposals were evaluated against the pre-established evaluation criteria as outlined in the RFP: 28 points for Experience and Qualification of the Bidder and Proposed Project Team; 32 points for Project Understanding, Methodology and Approach, and; 10 points for Project Delivery and Management, totaling 70 points.

Stage 2 – Financial Proposal

Upon completion of Stage 1 of the evaluation, the Financial Proposal (Bid Form) provided by bidders who achieved a minimum score of 75%, or 52.5 points out of 70 proceeded to Stage 2 of the evaluation. Based on the results from Stage 1, two bidders received the required minimum percentage or points and proceeded to Stage 2. The Financial Proposal provided by the bidder was evaluated out of 30 points, based on the pre-established criteria outlined in the RFP.

The combined evaluation results from Stage 1 and Stage 2 are summarized below:

Bidders	Stage 1 Qualification & Technical Score (out of 70)	Stage 2 Financial Score (out of 30)	Grand Total Score (out of 100)	Rank Results
Ryerson University (doing business as The Diversity Institute)	65.40	24.23	89.63	1
Taneja Consulting Inc.	57.60	30.00	87.60	2

Prices ranged from \$129,718.56 to 154,673.16 inclusive of HST

OPTIONS / DISCUSSIONS

The Diversity Institute was founded as a research institute of Ryerson University's Ted Rogers School of Management in 1999. The Diversity Institute conducts and coordinates multi-disciplinary, multi-stakeholder research to address the needs of diverse Canadians, the changing nature of skills and competencies, and the policies, processes and tools that advance economic inclusion and success. The Diversity Institute has been working with the private sector, government and not-for-profits organizations to advance action oriented, evidence based strategies, using their knowledge of the complex barriers faced by under-represented groups, to promote diversity and inclusion and to address systemic racism in a way that creates lasting change. With 100 full time researchers and staff, and more than 200 partners and 10 hubs across the country, as well as

networks around the world, the Diversity Institute is the largest research center of its kind. The Diversity Institute has deep expertise in strategy development, capacity building and program evaluation.

The Diversity Institute's proposal demonstrated a thorough understanding of the project's requirements and deliverables, the makeup of the City's demographics and tight timelines. The submission's methodology and approach reflected the Diversity Institute's understanding and ability to effectively address the key issues, challenges and complexities of the project, including the impact of COVID on consultations. The Diversity Institute conveyed to the City's satisfaction, that they have the required experience, qualifications and specialized expert resources to effectively conduct community and stakeholder consultations and to prepare the Diversity Action Plan Update and accompanying Anti-Black Racism Action Plan within the City's defined timelines and desired action plan structure. The projects provided by the Diversity Institute demonstrate their ability to undertake work similar to the City's scope, scale and complexity.

For the Region of Peel, the Diversity Institute examined the settlement experience of immigrants and their children living in the Peel Region, many of whom were racialized, and investigated opportunities for social mobility. The Diversity Institute identified numerous barriers and challenges facing immigrant families in the Region including systemic discrimination, prejudice and stereotypes on the grounds of race, gender, ethnicity and religion. The outputs of the consultation were used to inform the Region's development of an equity, diversity and inclusion strategy to address the changing population and undertake positive changes.

The Diversity Institute analyzed diversity and inclusion efforts across all Federal Development Agency for Southern Ontario programs, policies, activities and partnerships against the backdrop of the federal government's commitment to improve representation in the federal funding program. They provided a strategy and recommendations for enhancing diversity and inclusion measures including the recommendation to advance inclusion for Black Canadians in the ecosystem by addressing their unique challenges and needs.

Additional projects include: the 360 Project in partnership with the Urban Alliance on Race Relations to address discrimination faced by Somali Canadians and racialized LGBTQ2S+ homeless youth in Toronto; Rise Up- a study of 700 Black women entrepreneurs in Canada for Women Entrepreneurship Knowledge Hub; gender equity audit service for Canadian Women and Sport; and research on leadership diversity within Canadian organizations including civic leadership and public board appointments.

The Diversity Institute is developing a Publicly Available Specification (PAS) for the Standards Council of Canada to support the federal government's 50-30 Challenge which is an initiative to improve access to positions of influence and leadership on corporate boards and in senior management for women, racialized people, Indigenous peoples, people who identify as LGBTQ2, and persons living with disabilities. The Diversity Institute is collaborating with the Aboriginal Chamber of Commerce, the Black North Initiative, the Canadian Black Chamber of Commerce, the Canadian Council for Aboriginal Business, Canada's LGBTQ+ Chamber of Commerce, Canadian Foundation for Physically Disabled Persons in addition to other organizations to improve equity diversity and inclusion through this important initiative.

The Diversity Institute supports many organizations including the Ontario Chamber of Commerce to advance diversity and inclusion with evidence-based practices. To combat anti-Black racism in Canada, the Diversity Institute conducted consultations and stakeholder engagement activities in 2017 for the Black Experience Project in partnership with a number of organizations, including Environics Institute, YMCA of Greater Toronto, United Way, Greater Toronto Tropicana Community Services, the Black Artists, Network Dialogue, and the City of Toronto among others. The Black Experience Project documents the lived experiences of individuals across the Greater Toronto Area who identify as Black or of African descent, and made significant contributions to follow up policies and practices such as the City of Toronto's Anti-Black Racism Action Plan.

In summary, the Evaluation Team for this RFP supports the recommendation for award to Ryerson University (doing business as The Diversity Institute). The Diversity Institute demonstrated through their submission

that they have the experience, knowledge, qualifications and expert personnel to effectively deliver on the scope, scale and complexity of the requirements of this RFP.

FINANCIAL CONSIDERATIONS

There is no incremental impact to operating budget impact and life cycle reserve study.

OPERATING BUDGET AND LIFE CYCLE IMPACT

Not applicable

ENVIRONMENTAL CONSIDERATIONS

Not applicable

STAFF AWARD REPORT

To:	Andy Taylor, Chief Administrative Officer
Re:	050-T-21 Cornell Parking Garage Repairs – Structural Repairs and Construction administration and inspection
Date:	May 19, 2021
Commission / Department:	Corporate Services/ Asset management

BID INFORMATION FOR CONSTRUCTION

Bids closed on	April 20, 2021
Number picking up bid documents	28
Number responding to bid	10

PURPOSE/BACKGROUND

As a long-term solution to the structural and maintenance issues at Cornell Community & Library parking garage, the City undertook a multi-year project phased as follows:

- Phase 1: Engineering investigation (condition survey & testing) and structural re-design (Completed)
- Phase 2: Structural repairs, parking deck recoating, and architectural wall panel repairs (This award)

Under this report, staff is seeking approval for the following:

Item 1: Structural repairs, parking deck recoating, and architectural wall panel repairs

Item 2: Contract administration and inspection

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

RECOMMENDATION – Item 1

Recommended bidder	Brook Restoration Ltd. (lowest priced bidder)	
Current budget available	\$1,909,400.00	56615021050005 Cornell C.C. Parking Garage – Construction
Less cost of award	\$1,091,884.80 \$ 327,565.44 \$1,419,450.24	Construction Contingency (30%) Total Cost of Award – Construction
Budget remaining after this award	\$ 489,949.76	

The standard contingency is 10%. Staff requests an additional 20% due to uncertain site conditions beneath visible surfaces.

RECOMMENDATION – Item 2

Recommended bidder	Engineering Link Inc. (Non-competitive procurement)	
Current budget available	\$ 489,949.76	56615021050005 Cornell C.C. Parking Garage – Construction
Less cost of award	\$ 60,506.50 \$ 6,050.65 \$ 66,557.15	Contract Administration & Construction Inspection Contingency (10%) Total Cost of Award – Consulting Services
Budget remaining after this award	\$ 423,392.61	

Of the remaining balance of \$423,392.61, \$10,000 will be retained for building permit fees and \$413,392.61 will be returned to original funding source. Staff further recommends that the City's Tender process be waived in accordance with Purchasing By-Law 2017-18, Part II, Section 11.1 (h) which states "where it is necessary or in the best interests of the City to acquire Consulting Services from a supplier who has a proven track record with the City in terms of pricing, quality and service."

Engineering Link (“EL”) completed the engineering investigation (condition survey & testing) and structural re-design for the Cornell C.C. Parking Garage under Phase 1 of this project. The experience and knowledge gained by EL during Phase 1 (condition survey, testing, and design) can be applied and transferred to the project. Cost savings and efficiencies are expected through knowledge transfer and minimizing any duplication of efforts and costs that would be associated with engaging another consultant. Staff analyzed and confirmed the proposed fees are consistent to market prices.

OPERATING BUDGET AND LIFE CYCLE IMPACT

The Life Cycle Reserve Study will be adjusted upon project completion with latest prices. 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. The Cornell CC&L project achieved the LEED Silver level of certification. This contract relates to repair and replacement of defective components only, hence not impacting the LEED principle regarding environmental considerations.

STAFF AWARD REPORT

To:	Morgan Jones, Commissioner, Community Services
Award:	093-Q-21 Supply and Delivery of One (1) 16' Full Size Cube Body Van
Date:	June 2, 2021
Commission:	Community Services / Operations

BID INFORMATION

Bid closed on	May 27, 2021
Number picking up bid document	5
Number responding to bid	2

PURPOSE/BACKGROUND

To obtain approval to award the contract for the supply and delivery of one (1) 16' full size cube body van (2022 Ford F450 XL 4x2 Regular Cab). It is anticipated that the vehicle will be delivered by April 30, 2022.

The unit being replaced (#2178) 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).

RECOMMENDATION

Recommended bidder	Winegard Motors Limited (lowest priced bidder)	
Current budget available	\$65,310.00	057-6150-21141-005 Corporate Fleet Replacement – Waterworks*
Less cost of award	\$68,702.25	Total cost of award (Incl. of HST)**
Budget remaining after this award	(\$3,392.25)	***

*The budget available is net of Markhamizing costs in the amount of \$3,290.00 including HST.

**Bids received in response to this Request for Quotation exceeded the City's budget. Consequently, Procurement attempted to enter into negotiations with the low bidder meeting specifications (Winegard Motors Limited) to reduce pricing in order to reduce the budget shortfall. Unfortunately, the bidder was unable to provide any further cost reductions.

***The budget shortfall of \$3,392.25 will be funded from the Life Cycle Capital and Replacement Reserve.

Budget Shortfall

Recent vehicle tenders have received 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.

Unit 2178 was originally due for replacement in 2020 but had its useful life extended by one year beyond the anticipated life-cycle age. Based on the age and condition of this vehicle, in combination with the longer than usual lead times and supply chain delays of parts, further delays in the replacement of this vehicle may lead to downtime and impact service delivery.

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

STAFF AWARD REPORT

To:	Andy Taylor, Chief Administrative Officer
Re:	097-T-21 Blodwen Davies Park - Construction
Date:	June 16, 2021
Commission:	Development Services/Planning and Urban Design

BID INFORMATION

Bid closed on	June 3, 2021
Number picking up document	25
Number responding to bid	19

PURPOSE/BACKGROUND

To obtain approval to award the construction of Blodwen Davies Park, located at west side of Ninth Line and south of Major Mackenzie Drive. The scope of work consists of the following: temporary construction fencing, site preparation and grading of site, site servicing (sub-surface drainage) and grading, top soiling of site, planting and sodding, concrete paving, asphalt walkways, site furnishings, double tennis court, playground and a shade structure. The tender specified that the contractor will complete this park by June 2022.

RECOMMENDATION

Recommended Bidder	Bond Paving & Construction Inc (Lowest Priced Bidder)		
	Council approved budget available	Budget based on reduced scope (Consultant est.)	
Budget Available	\$1,790,100.00	\$1,090,390.00	# #081-5350-21020-005 Upper Greensborough Parkway Park - Construction (Blodwen Davies Park is the official park name)
Less cost of award	<div> <div>\$ 663,780.48</div> <div>\$ 39,826.83</div> <div>\$ 703,607.31</div> </div>		<div>Construction</div> <div>Contingency (6%)</div> <div>Total (Inclusive of HST)</div>
	<div> <div>\$ 63,324.66</div> <div>\$ 766,931.97</div> </div>		<div>Internal Management Fee @ 9%</div> <div>Total Cost of Award (Inclusive of HST)</div>
Budget remaining	\$1,023,168.03*	\$323,458.03**	

* Total budget remaining of \$1,023,168 will be returned to original funding source.

Updated Budget Based on Reduced Scope (Reduction of \$699,710)

The consultant estimate for this park construction was \$1,090,390 (construction estimate of \$943,734 plus 6% contingency and 9% internal management fee), which was lower than the original budget by \$699,710, due to reduction in developable lands (0.68ha) caused by existing servicing easement setback requirements.

**** Remaining Variance of \$323,458**

Budget remaining based on the consultant estimated budget in the amount of \$323,458.03 was due to park tablelands being pre-engineered with fill and topsoil by others and market price reduction. The reduction of \$699,710 which was anticipated by the consultant together with this \$323,458 variance totals the balance being returned in the amount of \$1,023,168.

OPERATING BUDGET AND LIFE CYCLE IMPACT

The incremental operating budget impact is estimated at \$18,232 (\$9,496/ha operating impact x 1.92ha) which will be included in the 2022 Operating budget, subject to Council approval. The Operations Department has reviewed the project and the future maintenance requirements. Future requirements for Blodwen Davies Park - Construction includes grass cutting, litter pick-up, garbage disposal and inspections.

Costs will be included in the Life Cycle Reserve Study at time of park assumption based on updated replacement cost for each amenity.

ENVIRONMENTAL CONSIDERATIONS

Included Specification Section 01561 – Environmental Protection in the contract documents in order to meet or exceed regulatory environmental procedures during construction:

- Park grading is designed to minimize the amount of import and/or export of soils
- Plant materials (i.e., shrubs and trees are non-invasive and many of which are native species)

STAFF AWARD REPORT

To:	Andy Taylor, Chief Administrative Officer
Re:	101-T-21 Supply and Delivery of Three (3) 2500 Series Crew Cab 4x4 Pick-Up Trucks Complete With Plows
Date:	June 18, 2021
Commission / Department:	Community Services / Operations

BID INFORMATION

Bid closed on	May 26, 2021
Number picking up bid document	8
Number responding to bid	5

PURPOSE/BACKGROUND

To obtain approval to award the contract for the supply and delivery of three (3) 2500 series crew cab 4x4 pick-up trucks complete with plows (2022 Ford F-250 XL 4x4 Crew Cab). It is anticipated that the vehicles will be delivered by September 30, 2021, however could be delayed due to supply issues with computer chips and production being reduced due to COVID-19.

The units being replaced (#3321, 3327 and 3328) 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).

RECOMMENDATION

Recommended bidder	Winegard Motors Limited (lowest priced bidder)	
Current budget available	\$134,573.00	057-6150-21140-005 Corporate Fleet Replacement – Non-Fire
Less cost of award	\$180,328.90	Total cost of award (Incl. of HST)
Budget remaining after this award	(\$ 45,755.90)	*

*The budget shortfall of \$45,755.90 will be funded from the Life Cycle Capital and Replacement Reserve.

Budget Shortfall

Recent vehicle tenders have received 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.

Unit 3321 was previously tendered in 2020 (090-T-20), however was not awarded due to being over budget and was resubmitted as part of the 2021 capital budget. The new units are needed prior to the 2021 winter operating season. The vehicles being replaced are used for both summer and winter operations and are critical units to the Parks department, the vehicles are at the end of their life cycle and in poor condition and must be replaced prior to the upcoming winter season for business continuity.

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

STAFF AWARD REPORT

To:	Andy Taylor, Chief Administrative Officer
Re:	102-T-21 Supply and Delivery of Various Vehicles
Date:	June 18, 2021
Commission / Department	Community Services / Operations

BID INFORMATION

Bid closed on	May 31, 2021
Number picking up bid document	8
Number responding to bid	3

PURPOSE/BACKGROUND

The City issued a Request for Tender to the market for the supply and delivery of three (3) different types of vehicles with the opportunity to award whole or in part. Upon closing of the Tender, the City received three (3) bids for each type of vehicle:

- A. 1500 series crew cab, 2WD, 4 door standard box pick ups (Quantity – 2, units 2164 and 5350)
- B. 2500 series crew cab, 2WD, 4 door long box pick up (Quantity – 1, unit 1239)
- C. Full size cargo van (Quantity – 1, unit 2173)

Staff are recommending to award 3 of the 4 vehicles with the exception of one unit (unit 5350) from item A above. Unit 5350 will be included in the 2022 capital budget with a specification change to a pilot battery electric vehicle (BEV) truck.

The units being replaced (#1239, 2164 and 2173) 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:

- A. December 31, 2021 (2022 Chevrolet Silverado 1500)
- B. March 31, 2022 (2022 Ford F-250 4x2 crew, XL)
- C. December 31, 2021 (2022 Chevrolet Express 2500)

RECOMMENDATION

Recommended bidder	Finch Auto Group (lowest priced bidder for items A and C) Winegard Motors Limited (lowest priced bidder for item B)	
Current budget available	\$ 85,384.00	Various Accounts (See Financial Considerations)
Less cost of award	\$ 37,921.88 \$ 44,840.54 <u>\$ 37,619.65</u> \$120,382.07	Item A – Award (Incl of HST) Item B – Award (Incl of HST) Item C – Award (Incl of HST) Total cost of award (Incl. of HST)
Budget remaining after this award	(\$ 34,998.07)	

Budget Shortfall

Recent vehicle tenders have received 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.

Based on the condition assessment of the remaining vehicles, there is a current need to replace units 2164, 1239 and 2173. Unit 1239 has been used for the purpose of patrol and for this reason has accumulated higher than normal mileage. The vehicle has been having continuous transmission issues as a result of the higher usage incurring increased ongoing associated repair costs. Units 2164 and 2173 are in working condition, however require high maintenance costs to remain operable.

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)
Waterworks Fleet Replacement	057-6150-21141-005	\$ 27,314.73	\$ 37,921.87	\$ (10,607.14)
Waterworks Fleet Replacement	057-6150-21141-005	\$ 32,475.81	\$ 37,619.65	\$ (5,143.84)
Corporate Fleet Replacement - Non-Fire	057-6150-20223-005	\$ 25,593.46	\$ 44,840.54	\$ (19,247.08)
Totals		\$ 85,384.00	\$ 120,382.07	\$ (34,998.07)

The budget shortfall of \$34,998.07 will be funded as follows:

- \$15,750.98 (Item A - \$10,607.14 and Item B - \$5,143.84) from the Waterworks Reserve; and
- Item C (\$19,247.08) from the Life Cycle Capital and Replacement Reserve.

ENVIRONMENTAL CONSIDERATIONS

Unit 5350 originally budgeted to be replaced with a gasoline pick-up truck will be included in the 2022 capital budget with a specification change to a pilot battery electric vehicle (BEV) truck. By doing so, the City will reduce harmful air pollution from exhaust emissions.

STAFF AWARD REPORT

To:	Morgan Jones, Commissioner, Community Services
Re:	108-T-21 Ditch Cleaning, Haulage & Disposal
Date:	May 25, 2021
Commission / Department:	Community Services / Operations

BID INFORMATION

Bid closed on	May 12, 2021
Number picking up bid document	9
Number responding to bid	4

PURPOSE/BACKGROUND

To obtain approval to award the contract to perform roadside ditching as required at various locations within the City of Markham.

The scope of work includes the following:

- Ditch cleaning, grading, disposal and restoration – 3780 linear metre
- Existing culvert removal, grading, installation of new culvert, aggregate installation and compaction – 281.7 linear metre
- Debris removal using extended reach gradall (minimum 35 ft. reach) and disposal – 5 occurrences.

The term of the contract is from June 1 to September 30, 2021.

RECOMMENDATION

Recommended bidder	Safa Builders & Contractors (lowest priced bidder)	
Current budget available	\$186,900.00	Various Accounts (See Financial Considerations)
Less cost of award	\$177,955.04	Total cost of award (Incl. of HST)
Budget remaining after this award	\$ 8,944.96	*

*The remaining budget of \$8,944.96 will be retained within the Roads operating budget and may be used for soil removal if there is an occurrence of soil contamination. If this funding is not required, it will be reported as a favourable variance as part of the 2021 year end results of operations.

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 Amount Allocated for this Purchase	Cost of Award	Budget Remaining/ (Shortfall)
Drainage - Hired Equipment	700-507-5501	\$ 50,500.00	\$ 50,500.00	\$ -
Citywide Ditching Program	700-101-5399-21106	\$ 91,400.00	\$ 91,400.00	\$ -
Drainage-Tipping Fees	700-507-5760	\$ 45,000.00	\$ 36,055.04	\$ 8,944.96
Totals:		\$ 186,900.00	\$ 177,955.04	\$ 8,944.96

ENVIRONMENTAL CONSIDERATIONS

All material will be disposed at an approved Ministry of the Environment Conservation and Parks ("MOECP") site duly authorized to receive such materials. The City specifies the use of triaxle / truck and trailer units in order to maximize haulage and reduce the carbon footprint of the operation through fewer vehicle trips.

STAFF AWARD REPORT

To:	Trinela Cane, Commissioner, Corporate Services
Re:	116-Q-21 Heintzman House Chimney Restoration
Date:	June 25, 2021
Commission / Department:	Corporate Services / Sustainability & Asset Management

BID INFORMATION

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

*The low bidder was declared non-compliant as they did not meet the mandatory specifications identified in the RFQ.

PURPOSE/BACKGROUND

To obtain approval to award the contract for chimney restoration at the Heintzman House. The work involve replacement (localized brick and mortar replacement, flashing etc.) and restoration of the chimney, which includes cleaning.

The work will commence upon award and be completed by September 30, 2021.

RECOMMENDATION

Recommended bidder	BRC Restoration Inc. (lowest price bidder)	
Current budget available	\$85,683.00	270-101-5699-21060 Roof Replacement Projects
Less cost of award	\$76,320.00	Cost of Award
	<u>\$ 7,632.00</u>	Contingency 10%
	\$83,952.00	Total Cost of Award (incl. HST impact)
Budget remaining after award	\$ 1,731.00	

The cost of award includes a cash allowance of \$5,088.00 for inspection of existing lighting rod protection system (LRPS) on all roof work pre and post work completion. The remaining budget of \$1,731.00 will be returned to the original funding source.

OPERATING BUDGET AND LIFE CYCLE IMPACT

There is no incremental impact to the operating budget and 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.

STAFF AWARD REPORT

To:	Andy Taylor, Chief Administrative Officer
Re:	118-T-21 Roof Replacement at Armadale Community Centre and Varley Art Gallery
Date:	June 9, 2021
Commission / Department:	Corporate Services / Asset Management

BID INFORMATION

Bid closed on	June 1, 2021
Number picking up bid document	17
Number responding to bid	12*

*The low bidder was declared non-compliant as they did not meet the mandatory specifications identified in the RFQ.

PURPOSE/BACKGROUND

To obtain approval to award the contract for the roof replacements at Armadale Community Centre and Varley Art Gallery.

It is anticipated that work will be completed by November 30, 2021.

RECOMMENDATION

Recommended bidder	E-D Roofing Ltd. (lowest priced bidder)	
Current budget available	\$540,763.00	270-101-5699-21060 Roofing Replacement
Less cost of award	\$432,480.00	Award (Incl. of HST)
	\$ 43,248.00	Contingency @ 10%
	<u>\$ 21,573.12</u>	Provisional Allowance
	\$497,301.12	Total cost of award (Incl. of HST)
Budget remaining after this award	\$ 43,461.88	

The provisional allowance is being utilized for the installation of a new roof hatch at the Armadale Community Centre and a new roof over the existing concrete deck at the Varley Art Gallery. Staff recommend awarding the provisional items as it provides good value to the City. The remaining budget of \$43,461.88 will be returned to the original funding source.

OPERATING BUDGET AND LIFE CYCLE IMPACT

There is no incremental impact to the operating budget and the Life Cycle Reserve Study will be updated following project completion.

ENVIRONMENTAL CONSIDERATIONS

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

STAFF AWARD REPORT

To:	Morgan Jones, Commissioner, Community Services
Re:	121-T-21 Landscape Maintenance Activities – Highway 7 (from South Town Centre Boulevard to Sciberras Road)
Date:	May 18, 2021
Commission / Department	Community Services / Operations

PURPOSE/BACKGROUND

To obtain approval to reimburse York Region for the costs associated with the 2021 - 2024 landscape maintenance work located along Highway 7 from South Town Centre Boulevard to Sciberras Road.

In alignment with the agreement made between York Region and the City of Markham to maintain the VIVA Next Rapid Transit ways along South Town Centre Boulevard and Cedarland Drive with the Region of York contractor, the completed Highway 7 streetscape from Town Centre Boulevard to Sciberras Road needs to be added. This agreement includes the landscape maintenance works including watering of various planters, weed removal in planters, contour pruning of shrubs and yearly care of ornamental grasses and perennials within the landscaped ROW planting beds. The beds in the centre medians inclusive of materials and maintenance are the sole responsibility of the Region of York and are not included in this maintenance agreement. The project for the planters along the Highway 7 portion (from South Town Centre to Sciberras Road) was fully completed fall of 2020. 2021 is the first year for the full maintenance of the project.

A competitive bid was issued and awarded to the lowest priced bidder by York Region on behalf of the City of Markham, the City of Richmond Hill and the Town of Whitchurch-Stouffville. Under the agreement, the Region pays the vendor directly and invoices each municipality for their expense in Q4 of each year. The City agreed to an extension of the landscape along Highway 7 from Town Centre Blvd to Sciberras Road.

RECOMMENDATION

Recommended bidder	York Region (Lowest Priced Bidder)	
Current budget available	\$ 29,929.65	730-735-5399 PKHSC Other Contracted Services
Less cost of award	\$ 29,929.65	Year 1 - 2021 Award (Incl. of HST)
	\$ 29,929.65	Year 2 - 2022 Award (Incl. of HST)*
	\$ 29,929.65	Year 3 - 2023 Award (Incl. of HST)*
	\$ 29,929.65	Year 4 - 2024 Award (Incl. of HST)*
	\$119,718.60	Total Cost of Award (Incl. of HST)
Budget remaining after this award	\$ 0.00	

*The term of the Contract is for one (1) year, with an option to renew for three (3) additional years. Years 2 – 4 are subject to Council approval of the 2022-2024 budgets. The renewal years are subject to a price escalation based on the lesser of 2.5% or the Consumer Price Index (CPI).

OPERATING BUDGET AND LIFE CYCLE IMPACT

There is no incremental impact to the operating budget. Since the planters have a useful life of 35 years, the impact to the Life Cycle Reserve will be addressed outside the 25-year period.

ENVIRONMENTAL CONSIDERATIONS

All organic materials removed from this site with respect to weed removal or contour pruning is recycled as organic materials in keeping with The Regional Municipality of York's specifications. Litter and waste are separated and disposed of in the appropriate manner in keeping with The Regional Municipality of York's specifications.

STAFF AWARD REPORT

To:	Morgan Jones, Commissioner, Community Services
Re:	122-T-21 Steel Beam Guide Rail Installation, Repairs & Upgrades
Date:	May 27, 2021
Commission / Department	Community Services / Operations

BID INFORMATION

Bid closed on	May 25, 2021
Number picking up bid document	4
Number responding to bid	2

PURPOSE/BACKGROUND

To obtain approval to award the contract for steel beam guide rail inclusive of end treatment installation, repairs and upgrades to meet the latest Ontario Provincial Standards Specifications (OPSS) and to improve safety at Brimley Road (east and west sides).

The scope of work also includes emergency repairs due to vehicular accidents / incidental damages and spot repair locations along Elgin Mills Road, John Street and 19th Avenue. It is anticipated that the work for the above locations will be completed by December 31, 2021.

RECOMMENDATION

Recommended bidder	Powell (Richmond Hill) Contracting Limited (lowest priced bidder)	
Current budget available	\$138,900.00	Various Accounts (see Financial Considerations)
Less cost of award	\$138,574.73	Total Cost of Award (Incl. of HST)*
Budget shortfall	\$ 325.27	**

*The original bid price (\$144,346.56) submitted by the low bidder exceeded the City's budget by \$5,446.56 (\$144,346.56 - \$138,900.00). Subsequently, Procurement entered into negotiations with the low bidder [Powell (Richmond Hill) Contracting Limited] to reduce price in order to meet the City's approved budget. Staff were able to negotiate a price reduction, which resulted in a savings of \$5,771.83 (\$144,346.56 - \$138,574.73).

**The remaining budget of \$325.27 will be retained in GL Account 700-101-5399-21108 Emergency Repairs for any emergency repairs to guiderails that may be required throughout the 2021 calendar year.

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)
Guiderail-Install/Repair/Upgrade	050-6150-005-21109	\$ 90,900.00	\$ 90,900.00	\$ -
Emergency Repairs	700-101-5399-21108	\$ 48,000.00	\$ 47,674.73	\$ 325.27
Totals:		\$ 138,900.00	\$138,574.73	\$ 325.27

ENVIRONMENTAL CONSIDERATIONS

This contract includes the disposal of the existing steel guiderails in the bid price. All steel guiderails are recycled at scrap companies. All wood posts are recycled at local lumber companies for sawmill re-use (e.g. retaining walls).

STAFF AWARD REPORT

To:	Biju Karumanchery, Acting Commissioner, Development Services
Award:	146-T-21 – Cornell Parkette – Construction
Date:	June 24, 2021
Commission	Development Services/Planning and Urban Design

BID INFORMATION

Bid closed on	June 24, 2021
Number picking up document	20
Number responding to bid	14

PURPOSE/BACKGROUND

To obtain approval to award the construction for Cornell Parkette, located on the East Side of Ninth Line, South of Highway 7. The scope of work consists of the following: temporary construction fencing, site preparation and grading of site, site servicing (sub-surface drainage) and grading, top soiling of site, planting and sodding, concrete paving, site furnishings, and a shade structure. The tender specified that the contractor must be completed by June 2022.

RECOMMENDATION

Recommended Bidder	Mopal Construction Limited (Lowest Priced Bidder)	
Current Budget Available	\$ 346,391.10	# 081-5350-20026-005 Cornell Parkette Construction
Less cost of award	\$ 246,934.89	Construction
	\$ 17,285.44	Contingency (7%)
	\$ 264,220.33	Total (Inclusive of HST)
	\$ 23,779.83	Internal Management Fee @ 9%
	\$ 5,000.00	Allowance for Park Signage
	\$ 293,000.16	Total Cost of Award (Inclusive of HST)
Budget remaining after this award	\$ 53,390.94	

The remaining budget in the amount of \$53,390.94 will be returned to the original funding source.

OPERATING BUDGET AND LIFE CYCLE IMPACT

The incremental operating budget impact is estimated at \$3,419 (\$9,496/ha operating impact x 0.36 ha) which will be included in the 2022 Operating budget, subject to Council approval. The Operations Department has reviewed the project and the future maintenance requirements. Future requirements for Cornell Parkette - Construction includes grass cutting, litter pick-up, garbage disposal and inspections. Costs will be included in the Life Cycle Reserve Study at time of park assumption based on updated replacement cost for each amenity.

ENVIRONMENTAL CONSIDERATIONS

Included Specification Section 01561 – Environmental Protection in the contract documents in order to meet or exceed regulatory environmental procedures during construction:

- Park grading is designed to minimize the amount of import and/or export of soils
- Plant materials (i.e., shrubs and trees are non-invasive and many of which are native species)

STAFF AWARD REPORT

To:	Morgan Jones, Commissioner, Community Services
Re:	151-Q-21 Swan Lake Chemical Treatment
Date:	June 28, 2021
Commission / Department:	Community Services, Environmental Services

BID INFORMATION

Bids closed on	June 25, 2021
Number picking up bid documents	5
Number responding to bid	2

Reasons for no-bid included specialized nature of work, current workload, resource constraints, and ability to quote competitively.

PURPOSE/BACKGROUND

To obtain approval to award the contract for the supply and application of a poly aluminum chloride ("PAC") product in Swan Lake to improve water quality. The work will commence upon award and completed by August 31, 2021.

RECOMMENDATION

Recommended bidder	Ground Force Environmental Corp. (lowest priced bidder)	
Current budget available	\$159,098.00	270-101-5399-21159 Swan Lake Chemical Treatment
Less cost of award	\$112,842.44 \$ 11,284.24 \$124,126.68	Cost of award Contingency 10% Total Award (incl. HST impact)
Budget remaining	\$ 34,971.32	*

*The remaining budget of \$34,971.32 will be returned to original funding source.

OPERATING BUDGET AND LIFE CYCLE IMPACT

In Q4 of 2021, Staff will be returning to Council to present options for a long-term water quality strategy for Swan Lake, including the long-term lifecycle impact of a chemical treatment program. This project is independent of the long-term chemical treatment program and does not have any impact to the operating budget or life cycle reserve study.

ENVIRONMENTAL CONSIDERATIONS

Treatment chemicals will be applied over several days, with testing completed following each day of application and operations adjusted to ensure minimal impact on aquatic organisms.

STAFF AWARD REPORT

To:	Andy Taylor, Chief Administrative Officer
Re:	158-S-21 Consulting Services, Yonge Corridor Land Use and Built Form Study
Date:	June 11 2021
Commission / Department	Development Services / Policy and Research

PURPOSE/BACKGROUND

As directed by Council resolution on May 4, 2021, the purpose of this report is to obtain approval to award a contract for a consultant to undertake a Land Use and Built Form Study (the “Study”) around the Clark, Royal Orchard, and Steeles Station Areas as an initial phase of the Yonge Street Corridor Secondary Plan (the “Secondary Plan”) process.

RECOMMENDATION

Recommended bidder	Urban Strategies Inc. (non-competitive procurement)	
Current budget available	\$ 203,500.00	620-101-5699-21018 - Yonge Corridor Secondary Plan
Less cost of award	\$ 91,584.00 <u>\$ 9,158.40</u> \$ 100,742.40	Award (Incl. of HST) Contingency @ 10% Total Award (Inclusive of HST)
Budget remaining after this award	\$ 102,757.60	*

*The balance remaining in the amount of \$102,757.60 will be retained in this project for the Secondary Plan. A future procurement process will be initiated for the Secondary Plan in 2022, which includes Servicing and Transportation. This Land Use and Built Form Study was not initially anticipated as part of the budget and as such additional funds are being sought as part of the 2022 budget process.

Staff recommends: THAT the tendering process be waived in accordance with Purchasing By-Law 2017-8, Part II, Section 11 Non Competitive Procurement (h) where it is necessary or in the best interests of the City to acquire Consulting or Professional Services from a preferred supplier or from a supplier who has a proven track record with the City in terms of pricing, quality and service.

BACKGROUND

The Province of Ontario is undertaking studies for the Yonge North Subway Extension (“YNSE”). On March 18, 2021, Metrolinx released the Initial Business Case that affects the City of Markham and recommends advancing design of the YNSE. The Initial Business Case proposed up to four stations along the 8-kilometre subway extension – Steeles, Bridge, High Tech, and one additional neighbourhood station at Cummer, Clark, or Royal Orchard.

At Development Services Committee (“DSC”) on May 3, 2021, it was concluded that it is necessary for the City to undertake additional technical work to confirm the transit oriented community potential surrounding Clark, Royal Orchard and Steeles Station Areas as preliminary work toward a secondary plan and to inform current planning associated with the YNSE project. It was further discussed that the Study would be paid for through the Yonge Corridor Secondary Plan budget as preliminary work to the secondary plan. It is anticipated that the Province will issue a decision on the selection of the neighbourhood station in Fall 2021. As such, Council has requested that an interim study presentation be made to DSC in August 2021.

On May 4, 2021, Council adopted the following resolution: “That while the City of Markham approved funding for the Yonge Street Corridor Secondary Plan as part of the 2021 Capital budget, the City should accelerate work around the Steeles, Clark and Royal Orchard station areas, with a priority on Clark and Royal Orchard, beginning with a land use/built form study as work towards development of the Yonge Street Corridor Secondary Plan to confirm development potential and a preliminary land use concept, including 3D modelling and financial analysis, generally located within the Region’s ‘2020 Proposed Major Transit Station Areas, September 2020’”. This resolution directs staff to undertake a land use/built form study around the three station areas, with priority on Clark and Royal Orchard, to demonstrate development potential and support the business case to build the Royal Orchard and Clark Avenue neighbourhood subways stations as part of the YNSE.

Following completion of the Study, staff will initiate Phase 2 of the Secondary Plan project.

OPTIONS/DISCUSSIONS

Staff are recommending that Urban Strategies Inc. be retained to provide the City of Markham with the professional services for the Land Use and Built Form Study. Since 1986, Urban Strategies has earned over 100 awards. The firm focuses on master planning, city-building, public policy, geo-spatial analysis, public and stakeholder engagement and strategic planning to produce creative land use plans. Urban Strategies Inc. has considerable experience developing transit-oriented community plans and secondary plans, including in places such as Richmond Hill, Vaughan, Toronto, Waterloo, Calgary and Vancouver. The firm has led several corridor strategies, station area plans, mobility hub planning, and station strategies, with a focus on transit-oriented development planning and design, community/stakeholder engagement and 3D animation and model making.

Given the critical timelines associated with this Study, and a deadline to report back to DSC in August 2021, Urban Strategies have the requisite skills, knowledge and expertise, which makes them uniquely qualified to deliver this Study.

Price comparison

The quoted price from Urban Strategies Inc. is within the estimated budget for this project.

Staff undertook an analysis of the price provided to ascertain its competitiveness. Staff compared the scope of work for this Study to the scope associated with the land use components of other secondary plans being advanced at the City. and it was concluded that the cost is competitive, while also recognizing the accelerated timeline to deliver the Study.

OPERATING BUDGET AND LIFE CYCLE IMPACT

The Yonge Corridor Land Use and Built Form Study will be paid through the “Yonge Corridor Secondary Plan” project Account #620-101-5699-21018. A 2022 budget request will be made to increase the funds in this account to complete the Secondary Plan.

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

ENVIRONMENTAL CONSIDERATIONS:

N/A

STAFF AWARD REPORT

To:	Andy Taylor, Chief Administrative Officer
Re:	120-T-21 Markham Centre Multi-Use Trail Construction from Warden Avenue to Birchmount Road
Date:	June 21, 2021
Commission	Development Services / Engineering

BID INFORMATION

Bid closed on	June 9, 2021
Number picking up bid document	31
Number responding to bid	14

PURPOSE/BACKGROUND

To obtain approval to award the contract for the construction of the first phase of the Markham Centre multi-use trail on the north side of the Rouge River from Warden Avenue to Birchmount Road. It is anticipated that construction will be completed by December 2021.

RECOMMENDATION

Recommended bidder	Pine Valley Corporation (lowest priced bidder)	
Current budget available	\$1,000,656.91	083-5350-20038-005 Markham Centre Trails – Ph 1
	\$ 794,037.65	083-5350-21029-005 Markham Centre Trail- Ph 1B
	\$1,794,694.56	Total
Less cost of award	\$1,183,813.47	Construction (Incl. of HST)
	\$ 19,436.16	Provisional Items*
	\$ 120,324.96	Contingency @ 10%
	\$1,323,574.59	Total Construction Award (Incl. of HST)
	\$ 211,682.57	Internal Construction Administration Fee
	\$1,535,257.16	Total Cost of Award
Budget remaining after this award	\$ 0.00	083-5350-20038-005 Markham Centre Trails – Ph 1
	\$ 259,437.40	083-5350-21029-005 Markham Centre Trail- Ph 1B
	\$ 259,437.40	Total **

*The provisional items are for granular 'B', portable construction mats for site access and the removal and disposal of unsuitable material which may be required during construction.

**\$50,000 to be set aside to deal with any additional environmental requirements from the environmental agencies (MECP, TRCA) as part of the project. \$209,437.40 will be returned to the original funding source.

OPERATING BUDGET AND LIFE CYCLE IMPACT

The operating budget and life cycle impact for Markham Centre Trail Phase 1 will be addressed once the overall Markham Centre EA is finalized. Staff will report back by the end of 2021 to provide Council the recommended alignment for the Markham trails EA. The future estimated maintenance, repair and replacement of the Phase 1 Trail, as well as the other sections of the trail, will be included as part of this report.

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 asphalt and concrete under this contract may be recycled dependent on the quality of the material.

STAFF AWARD REPORT

To:	Andy Taylor, Chief Administrative Officer
Re:	013-T-21 Court Resurfacing and Rebuilding
Date:	July 28, 2021
Commission / Department:	Community Services/ Operations

BID INFORMATION

Bid closed on	June 23, 2021
Number picking up bid document	7*
Number responding to bid	1

* Procurement contacted the suppliers who downloaded the document and did not submit a bid. Responses were related to not being able to meet the schedule due to their current workload. The sole bidder has been the successful bidder on the City's last five tenders for this type of work.

PURPOSE/BACKGROUND

To obtain approval to award the contract to resurface/rebuild the following courts:

Resurface:

- Centennial Park (Half) Basketball court; and

Rebuild:

- Armadale Tennis Courts (4 courts).

It is anticipated that work for Centennial basketball resurfacing will be completed by September 1, 2021 and work for Armadale Tennis Club will be started October 12, 2021 and be completed by June 1, 2022.

RECOMMENDATION

Recommended bidder	Court Contractors Ltd. (lowest priced bidder)	
Current budget available	\$167,900.00	059-6150-21124-005 Court Resurfacing / Reconstruction / Maintenance
Less cost of award	\$210,897.60	Total cost of award (Incl. of HST)*
Budget remaining after this award	(\$42,997.60)	**

*Bids received in response to this Request for Tender exceeded the City's budget. Consequently, Staff entered into negotiations with the sole bidder (Court Contractors Ltd.) to reduce price the City's budget shortfall. Staff were able to negotiate a price reduction, which resulted in a savings of \$21,115.20 (\$232,012.80 - \$210,897.60).

**The budget shortfall of \$42,997.60 will be funded from the Life Cycle Capital and Replacement Reserve. The City will up front the total cost of the award (\$210,897.60) and then 50% (\$105,448.80) will be reimbursed to the City by Armadale Tennis Club over a 7 year period. Upon satisfactory review of the club's financial statements, the City agreed to extend the repayment period from 5 years to 7 years.

The higher cost compared to budget is due to the following:

1. The surface areas around Armadale Tennis Courts are larger (200 square meters) than other courts in Markham. This was not taken into consideration during the budget process.
2. Site access to Armadale Tennis Courts is more difficult.
3. Material costs have increased related to asphalt due to fuel increases. Asphalt Cement price index has increased by \$110 per tonne since 2020.

OPERATING BUDGET AND LIFE CYCLE IMPACT

There is no incremental impact to the operating budget. The cost of this award will be reflected in future updates of the Life Cycle Reserve Study.

ENVIRONMENTAL CONSIDERATIONS

Rebuilding of the tennis courts uses a penetration lift process, which is environmentally friendlier than hot mix asphalt. All the material is reconstructed on site therefore eliminating any need to dispose of material. Liquid asphalt is also applied at a lower temperature reducing energy costs to heat material. There is a reduction in large trucking and machinery requirements and the overall footprint is lower carbon.

STAFF AWARD REPORT

To:	Andy Taylor, Chief Administrative Officer
Award:	088-T-21 Debbi Wilkes Park – Construction
Date:	August 10, 2021
Commission	Development Services/Planning and Urban Design

BID INFORMATION

Bid closed on	August 4, 2021
Number picking up document	10
Number responding to bid	10

PURPOSE/BACKGROUND

To obtain approval to award the contract for the construction of Debbi Wilkes Park located at 260 Rougeside Promenade (East of major intersection Warden Ave and Hwy 7, between Water Walk Dr. and Uptown Dr., south of Hwy 7 and north of Rougeside Promenade)..

The scope of work consists of the following: temporary construction fencing, site preparation and grading of site, storm and electrical services, site servicing (sub-surface drainage) and grading, top soiling of site, planting and sodding, concrete paving, water play elements, playground, site furnishings, ornamental fencing and a shade structure. The park will be completed by June 2022.

RECOMMENDATION

Recommended Bidder	Loc-Pave Construction Limited (Lowest Priced Bidder)	
Current Budget Available	\$1,176,867.00	# 081-5350-18033-005 Markham Centre Riverwalk Urban Park - Construction (Debbi Wilkes Park is the official park name)
Less cost of award	\$ 864,515.61	Construction
	\$ 51,870.94	Contingency (6%)
	\$ 916,386.54	Total (Inclusive of HST)
	\$ 82,474.79	Internal Management Fee @ 9%
	\$ 998,861.33	Total Cost of Award (Inclusive of HST)
Budget remaining after this award	\$ 178,005.67	*

* Of the balance remaining of \$178,005.67, \$500 will be set aside for signage and the remaining balance of \$177,505.67 will be returned to the original funding source.

OPERATING BUDGET AND LIFE CYCLE IMPACT

The incremental operating budget impact is estimated at \$5,982.48 (\$9,496/ha operating impact x 0.63ha) which will be included in the 2022 Operating budget, subject to Council approval. The Operations Department has reviewed the project and the future maintenance requirements. Future requirements for Debbi Wilkes Park - Construction includes grass cutting, litter pick-up, garbage disposal and inspections.

Costs will be included in the Life Cycle Reserve Study at time of park assumption based on updated replacement cost for each amenity.

ENVIRONMENTAL CONSIDERATIONS

Included Specification Section 01561 – Environmental Protection in the contract documents in order to meet or exceed regulatory environmental procedures during construction:

- Park grading is designed to minimize the amount of import and/or export of soils
- Plant materials (i.e., shrubs and trees are non-invasive and many of which are native species)

STAFF AWARD REPORT

To:	Andy Taylor, Chief Administrative Officer
Re:	104-T-21 Sidewalk Construction Program
Date:	July 27, 2021
Commission/Department	Development Services / Engineering

BID INFORMATION

Bid closed on	June 29, 2021
Number picking up bid document	24
Number responding to bid	10

PURPOSE/BACKGROUND

To obtain approval to award the contract for the construction of new sidewalks and streetlight at the following locations:

Sidewalk & Streetlight Construction

Grandview Ave – Dudley Ave to Henderson Ave
 Dudley Ave – Grandview Ave to 37 Dudley Ave
 Yorktech Dr – 150m east of Woodbine Ave to
 140m east of Addiscott Ct

Sidewalk Construction

Laidlaw Blvd – Bullock Dr to Hwy 7
 Highglen Ave – Kennedy Rd to Noble St
 Sciberras Rd – Ferrah Street to Lichfield Rd
 Sciberras Rd – Fred Varley Dr to 60 Fred Varley Dr
 Sciberras Rd – Fred Varley Dr to 60 Fred Varley Dr

Through this award approximately 5.0 km of sidewalk will be constructed. It is anticipated that construction will be completed by May 2022.

RECOMMENDATION

Recommended bidder	Main Infrastructure Ltd (lowest priced bidder)	
Current budget available	\$2,242,408.86	See Financial Consideration section
Less cost of award	\$1,451,648.23	Construction (Incl. of HST)
	\$ 35,717.76	Provisional (Incl. of HST)
	\$ 148,736.60	Contingency @ 10%
	\$1,636,102.59	Total Construction Award (Incl. of HST)
	\$ 253,873.85	Internal and Capital Administration Fees
	\$1,889,976.44	Total Cost of Award
Budget remaining after this award	\$ 352,432.42	

The provisional items are for concrete winter heat & protection, removal and disposal of unsuitable material and for asphalt and concrete curb repairs, which may be required to complete the construction work.

Out of the remaining budget of \$352,432.42:

1. \$234,241.54 will remain in the account for streetlight construction on Lee Ave from Kennedy to Brimley Rd in 2022. The design was not complete when the City issued tender 104-T-21.
2. \$56,091.78 will remain in the account for sidewalk construction at Swan Lake around the cul-de-sac area. The design was not complete when the City issued tender 104-T-21.
3. \$62,099.10 will be returned to original funding sources

FINANCIAL CONSIDERATIONS

		a	b	c	d	e=a-b-c-d	
Account Name	Account #	Current Budget Available	Estimated Cost of Purchase	Contingency (\$)	Internal Fees & Contract Admin	Amount to be returned to Source	
Sidewalk Construction	20044	1,621,029.99	1,231,568.72	123,156.87	210,212.61	56,091.78	1
Streetlight Construction	21040	497,812.62	207,424.10	20,742.41	35,404.57	234,241.54	2
Pedestrian Accessibility Improvement	20041	123,566.25	48,373.16	4,837.32	8,256.66	62,099.11	3
Total		2,242,408.86	1,487,365.99	148,736.60	253,873.85	352,432.42	

1 Remaining funds to be used for Swan lake sidewalk construction

2 Remaining budget will be used for Lee Avenue streetlight construction in 2022.

3 Return to source

OPERATING BUDGET AND LIFE CYCLE IMPACT

Sidewalk - The incremental operating budget impact is \$12,576.72 (\$2.32/m² x 5421m²) for summer and winter maintenance. The useful life of sidewalks are 40 years and therefore there is no incremental life cycle impact over the next 25 years.

Streetlight - The annual maintenance cost for 13 light poles is \$650.00 (\$50.00/pole x 13 poles). The annual energy consumption for the 13 new lights is \$1,326 per year (\$102 / luminaire / year x 13 luminaires). The total annual operating impact is \$1,976 (\$650+\$1326). Luminaire service life is estimated to be 20 years. The life cycle impact is \$13,588.90 over the next 25 years (unit cost of \$1045.3 x 13 luminaires) which will be included in the next Life Cycle Reserve Study Update. Streetlight poles have an estimated service life of 70 years, therefore there is no life cycle impact

Pedestrian Accessibility Improvements – there is already an operational maintenance cost associated with this intersection so there will be no incremental operating budget impact. Life cycle costs for the new assets are summarized below.

Asset	Quantity	LC Unit Cost	Total	Life Expectancy (years)	Life Cycle Impact (25 years)
Pole Assembly (Ped)	4	\$868	\$3,500	30	\$3,500
Signal Head (Ped)	4	\$600	\$2,400	25	\$2,400
LED Indication (Ped)	8	\$140	\$1,120	7	\$3,360
APS Station	4	\$883	\$3,500	10	\$7,000
APS CCU	1	\$5,092	\$5,100	10	\$10,200

The current LC does not define whether the signal heads and LED indications are pedestrian or vehicular so the LC costs for these assets shown above are based on the current LC unit costs and will vary from the tender costs.

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 asphalt, concrete and street light components under this contract may be recycled dependent on the quality of the material.

STAFF AWARD REPORT

To:	Andy Taylor, Chief Administrative Officer
Re:	131-R-21 - Consulting Eng. Services for the Detailed Design of the Sidewalk Program
Date:	August 9, 2021
Commission / Department	Development Services / Engineering

BID INFORMATION

Bid closed on	June 16, 2021
Number picking up bid document	9
Number responding to bid	7

PURPOSE/BACKGROUND

The City of Markham administers the sidewalk program along regional roads and local collector roads. The City has developed an annual sidewalk construction program to facilitate a safe and reliable sidewalk network. The following locations are part of the sidewalk design program:

No.	Road and Section	Sidewalk Information		
		Ward	Length (m)	Side
1	Roxbury St - Chatelaine Dr to 14th Ave	7	520	S
2	Parkway Ave - Orchard St to Paramount Rd	4	300	N
3	Carlton Rd - Warden Ave to Braitewaite Rd	3	500	N
4	Heritage Rd - McCowan Rd to Laidlaw Blvd	4	600	S
5	Crown Steel Dr - 14th Ave to Royal Crest Ct	8	280	W
			130	E
6	Royal Crest Crt - Crown Steel Dr to Birchmount Rd	8	410	N
			410	S
7	McIntosh Dr - Woodbine Avenue to Apple Creek Blvd	2	475	S & E
8	Riviera Dr - Rodick Rd to 14th Ave	8	860	S
			840	N
	Sub-Total:		5325	

The study will commence in July 2021 and will be completed by February 2022.

RECOMMENDATION

Recommended bidder	Accardi Schaeffers & Associates Ltd. (Highest ranked / 2 nd lowest priced bidder)	
Current budget available	\$554,200.00 <u>\$ 76,761.00</u> \$630,961.00	083-5350-21038-005 Sidewalk Program (Design) 083-5350-19049-005 Streetlighting Program Total Budget Available
Less cost of award	\$375,392.64 <u>\$ 37,539.26</u> \$412,931.90 <u>\$ 52,551.83</u> \$465,483.73	Consulting Services (Incl. of HST) Contingency @ 10% Cost of award (Incl. of HST) Internal Fees Total Project Cost
Budget remaining after this award	\$165,477.27 <u>\$ 0.00</u> \$165,477.27	083-5350-21038-005 Sidewalk Program (Design) 083-5350-19049-005 Streetlighting Program *

*Out of the remaining budget of \$165,477.27, \$65,477.27 will be used to acquire permits, review fees, appraisals and geotechnical works and \$100,000.00 to be used for the utility relocation for the 2021 Design locations required prior to construction.

Utility relocation details were only finalized in 2021 during the design stage and was originally to be budgeted as part of the 2022 sidewalk construction budget. However, due to favourable prices under this award, Staff recommend utilizing this amount for utility relocation in 2021 to accelerate the construction of these sidewalk locations from Summer / Fall 2023 to Spring 2023.

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
Accardi Schaeffers & Associates Ltd.	96.21

* Bid prices ranged from \$365,714 to \$1,061,611 inclusive of HST, allowances and excluding contingency.

OPERATING BUDGET AND LIFE CYCLE IMPACT

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

ENVIRONMENTAL CONSIDERATIONS

There are no environmental considerations associated with the detailed design of this project. Environmental considerations will be discussed in detail when the construction contract is awarded.

STAFF AWARD REPORT

To:	Andy Taylor, Chief Administrative Officer
Re:	140-R-21 - Consulting Eng. Services for Erosion Restoration at Berczy Creek (BER-25) and Rouge River (ROU-122)
Date:	July 20, 2021
Commission / Department	Development Services / Engineering

BID INFORMATION

Bid closed on	June 16, 2021
Number picking up bid document	6
Number responding to bid	3

PURPOSE/BACKGROUND

To obtain approval for detailed design and tender document preparation services for erosion restoration at Berczy Creek (south of 16th Avenue on the east side of Rae Crescent) and Rouge River (north of Hwy 7 on the east side of Blackwell Crescent).

The City of Markham has several kilometers of permanent flowing watercourses within its boundaries. In December 2019, a City Wide Erosion Prioritization Study and 5 Year Capital Plan was undertaken by the City to establish existing and potential future erosion conditions in the City's watercourses. The study prioritized a list of sites with specific erosion problems deemed to require remedial work. The two (2) locations under this award require remedial work based on the study and plan identified above.

The work will commence in August 2021 and anticipated to be completed by May 2022.

RECOMMENDATION

Recommended bidder	Resilient Consulting Corporation (Highest ranked / lowest priced bidder)	
Current budget available	\$276,511.00	640-101-5699-20034 404 Downstream Improvements
Less cost of award	\$ 80,113.71 \$ 8,011.37 <u>\$ 36,584.76</u> \$124,709.84	Consulting Services (Incl. of HST) Contingency @ 10% Provisional Items* Cost of award (Incl. of HST)
	<u>\$ 25,447.77</u> \$150,157.61	Internal Management Fees Total Project Cost
Budget remaining after this award	\$126,353.39	**

*The provisional item is for the consultant to provide contract administration and inspection services. This work will be awarded based on the performance of the consultant after the detailed design and tender document preparation are completed.

*The remaining budget in the amount of \$10,000 will be used for permit and review fees and \$116,353.39 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: 10% qualifications and experience of the consulting firm, 15% qualifications and experience of the project manager and team, 45% demonstrated understanding of the project, project methodology, schedule and work plan, and 30% price, totaling 100%.

Bidder	Score
Resilient Consulting Corporation	90

* Bid prices ranged from \$80,113 to \$140,520 inclusive of HST.

OPERATING BUDGET AND LIFE CYCLE IMPACT

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

ENVIRONMENTAL CONSIDERATIONS

The environmental permitting agencies will be consulted during the detailed design stage of this project. The erosion restoration will improve the condition of the existing watercourses and provides an overall benefit to fish habitats.

STAFF AWARD REPORT

To:	Trinela Cane, Commissioner, Corporate Services
Re:	141-Q-21 Elson Miles Farmhouse Foundation Waterproofing & Porch Deck Repair
Date:	July 16, 2021
Commission / Department:	Corporate Services / Sustainability & Asset Management

BID INFORMATION

Bid closed on	July 2, 2021
Number picking up bid document	9
Number responding to bid	5

PURPOSE/BACKGROUND

To obtain approval to award the contract for Elson Miles Farmhouse (located at 11091 Warden Avenue) foundation waterproofing and front porch deck structural repair. It is anticipated that construction will commence following contract award and be completed within sixty (60) calendar days.

RECOMMENDATION

Recommended bidder	B.E. Construction Ltd. (lowest priced bidder)	
Current budget available	\$37,407.00	270-101-5699-21057 Other Facilities Repair and/or Replacement Projects
Less cost of award	\$54,339.84 <u>\$ 5,433.98</u> \$59,773.82	Award (Incl. of HST)* Contingency @ 10% Total cost of award (Incl. of HST)
Budget remaining after this award	(\$22,366.82)	**

*Bids received in response to this Request for Tender exceeded the City's budget. Consequently, Staff entered into negotiations with the low bidder (B.E. Construction Ltd.) in order to reduce the City's budget shortfall. Staff were able to negotiate a price reduction and de-scope (removal of deck board painting), which resulted in a savings of \$3,052.80 (\$57,392.64 - \$54,339.84).

**The budget shortfall of \$22,366.82 will be funded from the Life Cycle Capital and Replacement Reserve. The budget shortfall is attributed in part to the increase in construction material prices due to Covid-19.

OPERATING BUDGET AND LIFE CYCLE IMPACT

There is no incremental impact to the operating budget. The Life Cycle Reserve Study will be updated to reflect the latest pricing.

ENVIRONMENTAL CONSIDERATIONS

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

STAFF AWARD REPORT

To:	Biju Karumanchery, Acting Commissioner, Development Services
Re:	145-T-21 New Infill Residential Service Connections at Various Locations
Date:	July 8, 2021
Commission / Department	Development Services / Engineering

BID INFORMATION

Bid closed on	June 22, 2021
Number picking up bid document	12
Number responding to bid	5

PURPOSE/BACKGROUND

To obtain approval to award the contract for water, sanitary and storm sewer connections at various locations. Upon receipt of applications from City of Markham property owners, engineering staff obtain pricing from qualified companies for the installation of water, storm and/or sanitary service connections to service residential lots. The locations identified in this Request for Tender are as follows:

• 10 Talisman Cres	• 8 Elspeth Pl
• 103 Parkway Ave	• 9 Castle Court
• 21 Lanor Crt.	• 95 Emeloord Cres
• 27 Pomander Rd	• 54 Grandview Ave.
• 32 Fred Varley Dr	• 22 Oakcrest Ave.
• 7580 9 th Line	• 22A Oakcrest Ave
• 7683 9 th Line	

RECOMMENDATION

Recommended bidder	MAAD Excavation (lowest priced bidder 10 locations) Nelli Construction (lowest priced bidder 2 locations) FDM Contracting (lowest priced bidder 1 location)	
Budget allocated to award	\$229,113.49	083-5350-21205-005 Residential Water Service*
Less cost of award	\$229,113.49	Construction (Incl. of HST)**
Budget remaining after this award	\$0.00	

* Service connections are fully recoverable from homeowners and work does not commence until payment is received by the City. The issuance of a Purchase Order is contingent upon receipt of payment from homeowners.

**The City will be collecting the tendered cost and the 1.76% HST impact from homeowners for the service connections.

OPERATING BUDGET AND LIFE CYCLE IMPACT

N/A

ENVIRONMENTAL CONSIDERATIONS

N/A

STAFF AWARD REPORT

To:	Andy Taylor, Chief Administrative Officer
Re:	156-T-21 – HVAC Rooftop Unit Replacement at 555 Miller Ave.
Date:	August 3, 2021
Commission / Department	Corporate Services, Sustainability & Asset Management

BID INFORMATION

Bids closed on	July 20, 2021
Number picking up bid documents	12
Number responding to bid	7

PURPOSE/BACKGROUND

To obtain approval for replacement of HVAC rooftop unit at Operations Works Yard located at 555 Miller Ave.

The work includes supply, delivery and installation of equipment, including electrical, testing, adjustment and balance work. The project will be completed by October 31, 2021.

RECOMMENDATION

Recommended bidder	Canadian Tech Air Systems. (Second lowest priced bidder)	
Current budget available	\$198,000.00	56-6150-21055-005 Operations Facilities Repair and/or Replacement Projects
Less cost of award	\$175,841.28	Cost of Award
	<u>\$ 17,584.13</u>	Contingency (10%)
	\$193,425.41	Total Cost of Award
Budget remaining after this award	\$ 4,574.59	

Staff recommend awarding to the second lowest priced Bidder. Staff are not recommending the lowest priced Bidder on the basis that reference checks did not provide proof of their performance and/or qualifications. Pursuant to Part II, Section 17.4 of the City of Markham's General Terms and Conditions (which form part of the tender document), the City reserves the right, in its sole discretion, not to award to the lowest priced Bidder, whose reference checks do not meet or exceed the expectations of the City.

The remaining balance of \$4,574.59 will be returned to original funding source.

OPERATING BUDGET AND LIFE CYCLE IMPACT

The new rooftop unit comes with updated components that during operation and under certain conditions will provide efficiencies, which can lead to a reduction in hydro usage. However, fluctuating conditions such as colder winters or hotter summers will determine the unit's hydro costs per year. Staff will monitor the hydro usage and any adjustments deemed necessary will be made in the future budget years. The maintenance cost of the HVAC equipment at Miller has already been included in a citywide maintenance contract.

The Life Cycle Reserve Study will be updated upon project completion with latest prices. 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.

STAFF AWARD REPORT

To:	Eddy Wu, Director, Environmental Services
Re:	159-Q-21 Gabion Wall and Guard Rail Restoration
Date:	July 29, 2021
Commission / Department	Environmental Services / Waterworks

BID INFORMATION

Bid closed on	July 20, 2021
Number picking up bid document	14
Number responding to bid	9

PURPOSE/BACKGROUND

To obtain approval to award the contract for the restoration of the gabion wall on John Street between Johnson Street and Candice Gate, which was removed during an emergency watermain break in November 2020. The scope of work includes restoration of the gabion wall, removal of excess silt near the river, installation of a guard rail and replacing a portion of the sidewalk and curb in the area damaged during the watermain break.

The project will commence following award and will be completed by October 1, 2021.

RECOMMENDATION

Recommended Bidder	Mianco Group Inc. (lowest priced bidder)	
Current Budget Available	\$56,385.00	760-100-5300 W1BRK Construction
Less cost of award	\$50,744.35	Cost of Award (Incl. of HST)
	\$ 5,074.44	Contingency @ 10%
	\$55,818.79	Total Cost of Award (Incl. of HST)
Budget Remaining after this award	\$566.21	*

* The remaining budget will be used for other operating requirements as budgeted for in this account.

OPERATING BUDGET AND LIFE CYCLE IMPACT

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

ENVIRONMENTAL CONSIDERATIONS

Restoration will limit potential sediment run off into river and meet TRCA permit requirements.

STAFF AWARD REPORT

To:	Andy Taylor, Chief Administrative Officer
Re:	160-S-21 Supply & Delivery of Carpet Tiles for Civic Centre
Date:	June 29, 2021
Commission / Department:	Corporate Services, Sustainability & Asset Management

PURPOSE/BACKGROUND

To obtain approval to award the contract for the supply and delivery of 35,000 sq.ft. of carpet tiles for the Markham Civic Centre. The material will be stored on-site until installation in 2022, when 29,777 sq.ft. of office carpet is scheduled for replacement. Shaw Contract is the product manufacturer.

RECOMMENDATION

Recommended bidder	Shaw Contract Flooring Inc. (non-competitive procurement)	
Current budget available	\$243,100.00	270-101-4299-21048 Civic Centre Repairs and Replacements
Less cost of award	\$108,944.05	Total Award (incl. HST impact)
Budget remaining after this award	\$134,155.95	*

The remaining balance of \$134,155.95 will be retained in the account for the installation works in 2022 (installation, storage bins rental, security watch, etc.). Staff are confident the remaining budget is sufficient for the installation in 2022 and any unused amount upon installation will be returned to original funding source.

Staff further recommends

That the tendering process be waived in accordance with Purchasing By-Law 2017-18, Part II, Section 11.1(a) which states, “when the goods are in short supply due to market conditions” and (b) , “where there is only one source of supply for the goods to be purchased”.

Rationale

Staff recommends this purchase as it will:

- ensure standardization and consistency of future carpet replacement projects and repair / maintenance requirements at the Civic Centre. This product has been installed in over 65% of office spaces at Civic Centre
- mitigate the risk of possible product discontinuation (due to product maturity) or production gaps by the manufacturer
- avoid additional costs from expected price increase. Shaw Contract has exempted the City from a 6% price increase implemented in May 2021 based on original time of quotation and is expected to increase prices further by another 10% by August 2021
- provide a cost savings of \$8,642.66 or 7.5% (\$117,738.82 - \$108,944.05) from the original amount of \$117,738.82 as negotiated with Shaw Contract.

OPERATING BUDGET AND LIFE CYCLE IMPACT

There is no incremental impact to the operating budget. Life cycle reserve study will be adjusted accordingly.

ENVIRONMENTAL CONSIDERATIONS

The recommended carpet's sustainable features include but are not limited to: [Cradle to Cradle Certified™](#) Silver Level, [Environmental Product Declaration \(EPD\)](#), 3rd Party Certified In Accordance With ISO14044, ISO14025 & EN15804, Free Of Red List Chemicals, LBC Compliant, Gold [CRI Green Label Plus \(GLP\)](#), Certified, GSA Approved, 3rd Party Certified Environmental Guarantee, Total Recycled Content, 43% (Pre-Consumer 43% | Post-Consumer 0%), Product Packaging is 100% Recyclable. Old carpet will be removed and recycled by the carpet installers.

#27**STAFF AWARD REPORT**

To:	Andy Taylor, Chief Administrative Officer
Re:	162-S-21 Contract Extension, Smart Commute Markham, Richmond Hill
Date:	June 16, 2021
Commission / Department	Development Services / Engineering

PURPOSE/BACKGROUND

To obtain approval to award the contract for commuter services to Smart Commute Markham-Richmond Hill. The program provides commuter options and travel demand management programs/services to businesses in the City of Markham under the Smart Commute Markham, Richmond Hill Transportation Management Association (TMA) banner. Since 2006, the city has budgeted \$76,300 for this program annually. The other funding partners include the City of Richmond Hill and the Regional Municipality of York.

RECOMMENDATION

Recommended Bidder	Smart Commute Markham – Richmond Hill (Non-Competitive Procurement)	
Current Budget Available	\$76,300.00	640-101-5699-21039 Smart Commute Markham-Richmond Hill
Less cost of award	\$76,300.00	Cost of Award (Incl. of HST)
Budget Remaining after this award	\$ 0.00	*

Staff further recommends:

THAT the tendering process be waived in accordance with Purchasing By-Law 2017-8, Part II, Section 11.1 Non Competitive Procurement, item 1 (c) which states, “when the extension of an existing contract would prove more cost-effective or beneficial;”

OPERATING BUDGET AND LIFE CYCLE IMPACT

N/A

ENVIRONMENTAL CONSIDERATIONS

The service provided will encourage local businesses and employees the use of alternative travel modes which supports Markham’s sustainability goals.

STAFF AWARD REPORT

To:	Andy Taylor, Chief Administrative Officer
Re:	172-T-21 Floodlights, Poles & Cross Arms Replacements at Various Parks
Date:	August 11, 2021
Commission / Department:	Community Services / Operations

BID INFORMATION

Bid closed on	August 5, 2021
Number picking up bid document	14
Number responding to bid	9*

*One submission was declared non-compliant as they did not meet the agreement to bond mandatory requirement.

PURPOSE/BACKGROUND

To obtain approval to award the contract for the replacement of floodlights, poles and cross arms at the following parks. The new floodlights will be light emitting diode (LED).

- Pomona Valley Park Tennis Courts;
- Carlton Park Tennis Courts;
- Morgan Park Tennis Courts; and
- Milliken Mills Park #5 Softball Diamond.

It is anticipated that construction will be completed by April 1, 2022.

RECOMMENDATION

Recommended bidder	Alineutility Limited (lowest priced bidder)	
Current budget available	\$798,780.00	059-6150-21126-005 Floodlights, Poles & Cross Arms Replacement
Less cost of award	\$549,427.68 <u>\$ 54,942.77</u> \$604,370.45	Award (Incl. of HST) Contingency @ 10% Total cost of award (Incl. of HST)
Budget remaining after this award	\$194,409.55	*

*The remaining budget in the amount of \$194,409.55 will be returned to the original funding source.

OPERATING BUDGET AND LIFE CYCLE IMPACT

The 2022 operating budget for hydro in Parks will be reduced by \$3,241 to reflect the annual savings from the upgrade to LED lights, subject to Council approval. The Life Cycle Reserve Study will be monitored and any adjustments deemed necessary will be made in the future based on staff awards. There is currently a proactive relamping program on sportsfield lights where all lamp bulbs are replaced every 5 years. The installation of LED floodlights will reduce the costs of the 5-year relamping program for these fields and instead, a lower yearly provisional amount will be required to clean lenses and address component issues.

These savings, once determined, along with the cost to upgrade all remaining floodlights to LED will be built into the 2022 Life Cycle Reserve Study update.

ENVIRONMENTAL CONSIDERATIONS

N/A

STAFF AWARD REPORT

To:	Andy Taylor, Chief Administrative Officer
Re:	176-S-21 CityTouch Software Services Agreement Renewal for Hosting and Monitoring Services of LED Streetlighting Systems
Date:	July 12, 2021
Commission / Department:	Community Services / Operations

PURPOSE/BACKGROUND

To obtain approval to issue a purchase order and extend the contract for the hosting and monitoring services of light-emitting diode (LED) streetlighting systems for one year (January 1, 2021 to December 31, 2021).

Contract background

The original five-year maintenance ended as of May 30, 2020. Due to the Philips Lighting acquisition by Signify in 2020, and the required amendment to the old agreement by Signify team, the software service was extended to December 31, 2020 by Signify at no charge to the City.

The 2021 agreement was received at the end of December 2020 and was reviewed and finalized between City staff and Signify at the end of June 2021. This agreement is for a period of one year ((January 1, 2021 to December 31, 2021).

For 2022 and onwards, Staff anticipate the negotiations will not commence until September 2021 as Signify are expected to change their software platform by the end of 2021 and at this time, Staff are unsure how these changes will impact any agreement. Staff will bring a report for approval by the end of 2021 for the agreement for 2022 and onwards.

Project overview

Signify Canada Ltd.'s (previously Philips Lighting) software for the monitoring of LED streetlights was procured in 2013 as part of the contract award converting High Pressure Sodium (HPS) cobra-head luminaires with cobra-head LED luminaires.

Signify Canada Ltd.'s (Signify) software monitoring and control system is a state-of-the-art streetlight monitoring system with the ability to detect malfunctioning streetlights and transmit this information wirelessly. In addition, the system checks the status of streetlights, power loss, malfunctions, and energy consumption in real time.

Benefits of Signify monitoring and control system

- Improved customer service – The system has the ability to notify of any failures or outages in real time so that it can be addressed in a timely manner before a resident lodges complaint;
- Effective deployment of maintenance crews;
- Streamlined maintenance process – The system can track each luminaire's performance and can generate maintenance and fault reports;
- Ability to perform management tasks through a user-friendly interface; and
- Efficient Real-time management - The luminaires relay close to real-time performance data, such as lighting levels and energy consumption. With the user friendly connect application, each luminaire can be managed individually or in groups to perform close to real-time or pre-scheduled actions.

Many municipalities in Ontario have implemented the monitoring system along with the LED conversion. It is a standard industry practice that for any services like this, the vendor charges a nominal fee for monitoring. By entering into this agreement, the City will pay annual monitoring fees to Signify for hosting and monitoring services.

RECOMMENDATION

Recommended bidder	Signify Canada Ltd. (non-competitive procurement)	
Current budget available	\$100,000.00	720-720-5497 Light Maintenance & Repair
Less cost of award	\$ 96,729.74	Total cost of Award (Incl. of HST)
Budget remaining after this award	\$ 3,270.26	

The surplus budget of \$3,270.26 will be reported as a favourable variance as part of the year-end results of operations.

Staff further recommends:

THAT the tendering process be waived in accordance with Purchasing By-Law 2017-8, Part II, Section 11.1 Non Competitive Procurement, (b) where there is only one source of supply for the goods to be purchased.

The City can only utilize the services from Signify as no other company offers the same program, which will work with the field infrastructure.

OPERATING BUDGET AND LIFE CYCLE IMPACT

There is no incremental impact to the operating budget for 2021. Staff will monitor the account, and following confirmation of the cost of the 2022 renewal, will make recommendations for future operating budgets impacts, subject to Council approval. There is no impact to the Life Cycle Reserve Study.

ENVIRONMENTAL CONSIDERATIONS

N/A

STAFF AWARD REPORT

To:	Andy Taylor, Chief Administrative Officer
Re:	185-T-21 New Infill Residential Service Connections at Various Locations
Date:	August 6, 2021
Commission / Department	Development Services / Engineering

BID INFORMATION

Bid closed on	August 3, 2021
Number picking up bid document	8
Number responding to bid	4

PURPOSE/BACKGROUND

To obtain approval to award the contract for water, sanitary and storm sewer connections at various locations. Upon receipt of applications from City of Markham property owners, engineering staff obtain pricing from qualified companies for the installation of water, storm and/or sanitary service connections to service residential lots. The locations identified in this Request for Tender are as follows:

- 1 Tuscan Ct.
- 11 Worsley Ct.
- 19 Talisman Cres.
- 19 Wildrose Cres
- 26 Walloncliffe Rd.
- 30 Sir Brandles Pl.
- 6 Rouge River Cir.
- 78 Chant Cres.
- 90 Fred Varley Dr.
- 102 Highland Park Blvd.
- 112 Highland Park Blvd.
- 2 Talisman Cres.
- 57 Hawkridge Ave.
- 77 Havagal Cres.
- 138 Bay Thorn Dr.
- 14 Thurgate Cres.
- 251 Church St.
- 147 Krieghoff Ave.
- 27 Hughson Dr.

RECOMMENDATION

Recommended bidder	MAAD Excavation (lowest priced bidder 5 locations) Nelli Construction (lowest priced bidder 11 locations) FDM Contracting (lowest priced bidder 3 locations)	
Budget allocated to award	\$398,370.05	083-5350-21205-005 Residential Water Service*
Less cost of award	\$398,370.05	Construction (Incl. of HST)**
Budget remaining after this award	\$0.00	

* Service connections are fully recoverable from homeowners and work does not commence until payment is received by the City. The issuance of a Purchase Order is contingent upon receipt of payment from homeowners.

**The City will be collecting the tendered cost and the 1.76% HST impact from homeowners for the service connections.

OPERATING BUDGET AND LIFE CYCLE IMPACT

N/A

ENVIRONMENTAL CONSIDERATIONS

N/A

STAFF AWARD REPORT

To:	Andy Taylor, Chief Administrative Officer
Re:	192-S-21 Consulting Services, Reviewing Alternative Parkland Dedications and Cash-In-Lieu Policies for the Parks and Open Space Study
Date:	August 05, 2021
Commission / Department:	Corporate Services / Planning & Urban Design Services

PURPOSE/BACKGROUND

To obtain approval to award the contract for consulting services to review alternative parkland dedications and cash-in-lieu policies for the Parks and Open Space Study. This will complete the background study requirements that will assist the City to develop a new Parkland Dedication By-Law before September 2022 as per Bill 197.

RECOMMENDATION

Recommended bidder	Hemson Consulting Ltd. (Non-Competitive Procurement)	
Current budget available	\$112,000.00	620-101-5699-21015 Parkland Study Update
Less cost of award	\$ 97,689.60 \$ 9,768.90 \$107,458.50	Award (Incl. of HST) Contingency (10%) Total cost of award (Incl. of HST)
Budget remaining after this award	\$ 4,541.50	*

*The remaining budget of \$4,541.50 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 Non Competitive Procurement, (h) where it is necessary or in the best interest of the City to acquire Consulting Services from a supplier who has a proven track record with the City in terms of pricing, quality and service.

OPTIONS / DISCUSSIONS

Hemson is the awarded consultant for the provision of background study works for Development Charges (DC) and Community Benefit Charge (CBC). With the Parks Study calculations and outcome being both interdependent on the DC and CBC analysis, having the same consultant for all three projects provides the desired synergies to coordinate the outcome and data collection/analysis, and timely completion of tasks. In addition, Hemson has completed previous DC background studies for the City with a proven track record of success. They have an in-depth knowledge of City Council and By-Laws with comparable hourly rates in the industry

OPERATING BUDGET AND LIFE CYCLE IMPACT

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

ENVIRONMENTAL CONSIDERATIONS

N/A

#32

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

To:	Andy Taylor, Chief Administrative Officer
Re:	195-S-21 Consulting Services, Housing Strategy – Inclusionary Zoning Policy Market Study
Date:	August 19, 2021
Commission / Department	Development Services/ Policy and Research

PURPOSE/BACKGROUND

To obtain the approval to retain a consultant for an updated Evaluation of Potential Impacts of Inclusionary Zoning Policy Market Study (the “Updated Study”).

RECOMMENDATION

Recommended bidder	N. Barry Lyons Consultants Limited (NBLC) – Non-Competitive Procurement	
Current budget available	\$ 50,900.00	620-101-5699-21012 Housing Strategy – Inclusionary Zoning
	<u>\$ 4,781.00</u>	620-101-5699-19020 Housing Strategy
	\$ 55,681.00	
Less cost of award	\$ 54,950.40	Award (Incl. of HST)
Budget remaining after this award	\$ 730.60	*

*Balance remaining will be returned to original funding source from account 620-101-5699-19020

Staff recommends: THAT the tendering process be waived in accordance with Purchasing By-Law 2017-8, Part II, Section 11 Non-Competitive Procurement (h) where it’s necessary or in the best interests of the City to acquire Consulting Services from a supplier who has a proven track record with the City in terms of pricing, quality and service.

BACKGROUND

NBLC was retained in 2019 to complete the study, Evaluation of Potential Impacts of an Inclusionary Zoning Policy in the City of Markham (2019 Study), to address provincial requirements prior to implementing inclusionary zoning. The 2019 Study was used to develop the Inclusionary Zoning Framework proposed in the Phase 2: Policy Framework and Recommendations report (February 2020) and the Draft Affordable and Rental Housing Strategy Consultation Document (January 2021).

At the time of the 2019 Study, a new Community Benefits Charges framework under the *Planning Act* had been introduced but had not come into effect and NBLC recommended that the 2019 Study be updated at a later date to reflect the new Community Benefits Charges framework and its impacts. The new Community Benefits Charges regulation came into force on September 18, 2020. On July 14, 2021 Council approved Housing Choices: Markham’s

Affordable and Rental Housing Strategy and Action 3 involves implementing inclusionary zoning in Major Transit Station Areas. An updated market assessment is required to finalize the proposed Inclusionary Zoning Framework.

OPTIONS/DISCUSSIONS

Staff is recommending that NBLC be retained to provide the Updated Study for the following reasons:

- NBLC has considerable experience testing financial incentives and programs and understanding of the Provincial and Regional legislative and planning contexts; and,
- NBLC is familiar with the housing market in Markham with their completion of the initial market assessment.

The Updated Study is required to finalize the proposed Inclusionary Zoning Framework prior to the development of inclusionary zoning policies and a zoning by-law for Markham.

Price comparison

There are a limited number of firms that could complete this type of analysis. NBLC undertook the 2019 Study, has in-depth knowledge of the Markham context, scope of work and ability to meet the timeline for this study. NBLC has also completed similar studies for Peel, Toronto and Kitchener and other financial analyses for the City, with comparable hourly rates in the industry.

OPERATING BUDGET AND LIFE CYCLE IMPACT

There are no operating budget and life cycle impacts.

ENVIRONMENTAL CONSIDERATIONS:

N/A

#33

**STAFF AWARD REPORT**

To:	Andy Taylor, Chief Administrative Officer
Re:	166-R-21 Contract Administration/Inspection for Cast Iron Watermain Rehabilitation using CIPP Lining
Date:	August 5, 2021
Commission/Department:	Community Services / Environmental Services

BID INFORMATION

Bids closed on	July 14, 2021
Number picking up bid documents	6
Number responding to bid	5

PURPOSE/BACKGROUND

To obtain approval to award the contract administration and inspection services for rehabilitation of the cast iron/ ductile iron watermain using Cured in Place Pipe (CIPP) Lining at John Street, 14th Avenue and Alden Road awarded under contract 155-T-21.

Construction is scheduled to commence upon award and be completed by June 2022 (with winter break from December 2021 – March 2022).

RECOMMENDATION

Recommended bidders	Accardi Schaeffers & Associates Ltd. (lowest priced bidder)	
Current budget available	\$ 225,773.66	053-6150-21168-005 CI watermain Rehabilitation/ CIPP Lining
Less cost of award	\$ 157,773.79	Contract Administration/Inspection
	\$ 15,777.38	Contingency @ 10%
	\$ 173,551.17	Total Award
Budget remaining after this award	\$ 52,222.49	*

*The remaining balance of \$52,222.49 will be returned to original funding source.

OPERATING BUDGET AND LIFE CYCLE IMPACT

There is no incremental impact to the operating budget and Waterworks Life Cycle Reserve will be updated considering the locations, by-pass requirement and current market price. The rehabilitated CIPP liner watermain has an estimated life of 50 years.

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.

#34

**STAFF AWARD REPORT**

To:	Andy Taylor, Chief Administrative Officer
Re:	155-T-21 Cast Iron Watermain Rehabilitation using CIPP Lining
Date:	August 5, 2021
Commission/Department:	Community Services / Environmental Services

BID INFORMATION

Bids closed on	July 12, 2021
Number picking up bid documents	2*
Number responding to bid	2

*This Request for Tender was by invitation only. Only 2 contractors who were pre-qualified under Request for Pre-qualification #066-P-17 were eligible to submit a Bid in response to this Request for Tender.

PURPOSE/BACKGROUND

To obtain approval to award the construction contract for rehabilitation of the cast iron/ ductile iron watermain using Cured in Place Pipe (CIPP) Lining at John Street, 14th Avenue and Alden Road.

As part of the watermain rehabilitation project, the City issued a tender for four locations that are approx. 5,148 metres length of cast iron and ductile iron watermain to be rehabilitated with the CIPP structural lining method at the following locations:

1. John Street – 1555 m (From railway bridge (east of Portfield Cres to Aileen Rd and from Bayview Fairways Dr to Rockingham Ct)
2. 14th Avenue – 904 m (Highway 404 to Woodbine Ave)
3. Esna Park Drive – 970 m (Woodbine Ave to Alden Road)
4. Alden Road – 1719 metres (Esna Park Drive to west of Bentley Street and from west of Bentley Street to Warden Ave)

The original construction tender included 4 locations identified above and upon bid closing, the lowest price bidder was \$8,647,693.02 or \$2,876,279.98 over budget.

The shortfall of was attributed to the following:

- (a) Price increase in materials cost of approx. 25% due to current market conditions and COVID-19 pandemic as provided by the consultant.
- (b) The original design was carried out by a consultant that due to poor performance was terminated in April 2021. Subsequently, City staff completed the design and in consultation with Waterworks O&M staff, it was proposed that additional valves at the intersection was required so that watermain sections could be isolated efficiently. Six additional valves were proposed at the intersections to minimize number. of affected residents in the event of future watermain breaks, amending the original design.
- (c) Cost under-estimation: The budget was based on previous tender results in 2017 adjusted for inflation, which required only shorter length of watermain bypass at a cost of \$140,000, whereas

the current tender requires extensive length of bypass at a cost of approx. \$408,000 as majority of the lots are fronting the watermain, resulting in an incremental cost of \$268,000.

Staff reviewed various options with the recommended bidder to reduce budget shortfall by \$2,876,279.98 through the following:

- (a) Scope of work revised without affecting the project intent at three locations (John St, 14th Ave, and Esna Park Dr) - \$134,572.51
- (b) Deferral of rehabilitation at the 4th location (Alden Road -1719 m), subject to council approval of the 2023 budget, based on current site conditions and lower failure risks – \$2,741,707.47 (\$2,697,187.47 from construction and \$44,520.00 from contract administration). The deferred section (Alden Road) will be added to other planned CIPP Lining areas. Staff anticipate, through experience, that the CIPP design could be modified and the tender released in Jan/ Feb 2022. This should result in a lower bid price. The 2021 tender (155-T-21) was delayed due to the consultants termination and re-design work by internal staff.

Therefore, Staff are recommending proceeding with the watermain rehabilitation for three of the four locations (John Street, 14th Avenue and Esna Park Drive - approx. 3,429 metres) using 97% of the funding allocated for the four locations.

The rehabilitation of iron watermain is consistent with the City's strategy to upgrade aged and deficient watermain to improve supply capacity and reliability. Replacement or rehabilitation of these old iron watermain will also offer improved reliability (less risk of breaks) as well as improve water quality and flows for domestic and fire demand.

Construction is scheduled to commence upon award and be completed by June 2022 (with winter break from December 2021 – March 2022).

RECOMMENDATION

Recommended bidder	Fer-Pal Construction Ltd. (lowest priced bidder)	
Current budget available	\$6,623,300.00	053-6150-21168-005 CI watermain Rehabilitation/ CIPP Lining
Less cost of award	\$5,815,933.04 \$ 581,593.30 \$6,397,526.34	Construction * Contingency @ 10% Total Award
Budget remaining after this award	\$ 225,773.66	

Of the budget remaining, \$173,551.17 will be utilized for contract administration and inspection (contract # 166-R-21) and the remaining \$52,222.49 will be returned to the original funding source.

OPERATING BUDGET AND LIFE CYCLE IMPACT

There is no incremental impact to the operating budget and Waterworks Life Cycle Reserve will be updated considering the locations, by-pass requirement and current market price. The rehabilitated CIPP liner watermain have an estimated life of 50 years.

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.

#35

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

To:	Andy Taylor, Chief Administrative Officer
Re:	179-R-21 - Supply and Delivery of Pedestal-Style Hand Sanitizer Dispensers and Hand Sanitizer Refill Product
Date:	August 19, 2021
Commission / Department:	Corporate Services / Sustainability & Asset Management

BID INFORMATION

Bids closed on	August 5, 2021
Number picking up bid documents	16
Number responding to bid	10*

*5 of the 10 bids were rejected due to failure to meet mandatory specifications (capacity, touch-free technology)

PURPOSE/BACKGROUND

The obtain the approval to award the contract for the supply, delivery and installation of 115 touch-free pedestal-style bulk-volume hand sanitizer dispenser sets (dispenser with hand sanitizer product) at 38 City locations (Recreation facilities, Civic Centre, Theatre, Museum, Art Gallery, Libraries, Operations yards, Recycling Depots).

All units shall be delivered within 4 weeks upon contract award.

RECOMMENDATION

Recommended bidder	Novo Plastics Inc. (highest ranked bidder / 4 TH lowest priced bidder)	
Cost of award	\$111,172.80 \$ 11,117.28 \$122,290.08	Cost of award (Incl. of HST) Contingency (10%) Total cost of award (Incl. of HST)
ICIF funding	\$120,175.00	Implementation of Touchless Technology and Enhancing Indoor Air Quality (270-101-5399-21211)
Budget remaining	(\$ 2,115.08)	

The project will be funded from the ICIF funding (case number 2020-11-1465600634) within the available budget allocated for this component. All project costs other than the HST impact will be eligible for reimbursement from 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 City is currently finalizing the Transfer Payment Agreement which will specify the process for reimbursement of expenses. The budget shortfall of \$2,115.08 relating to the HST expense portion of this award will be funded from the Facility Ramp-Up Reserve.

PROPOSAL EVALUATION

The Evaluation Team was comprised of staff from the Sustainability & Asset Management and Recreation Services Department and evaluation was facilitated by staff from the Procurement Department. Bidders were assessed against pre-determined criteria as outlined in the RFP; Experience/ Past Performance/ Resource of the Company 15%, Product Specifications of Dispenser 45%, Product Specifications of Hand Sanitizer 10% and Price 30%, totaling 100%.

Bidder	Total Score (100 points)
Novo Plastics	78.7

The bid prices ranged from \$89,523.36 to \$160,908.00, inclusive of HST. Through negotiation with Novo Plastics Inc., the bid price was reduced by 9.5% or \$11,702.40, from \$122,875.20 to \$111,172.80.

OPERATING BUDGET AND LIFE CYCLE IMPACT

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.

#36

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

To:	Andy Taylor, Chief Administrative Officer
Re:	168-Q-21 Building Automation System Modifications at Various City Facilities
Date:	August 5, 2021
Commission:	Corporate Services / Sustainability & Asset Management

BID INFORMATION

Bid closed on	July 30, 2021
Number picking up bid document	6
Number responding to bid	3

PURPOSE/BACKGROUND

To obtain approval to award the contract to add a "Pandemic mode" setting to building automation systems at various facilities to increase outdoor fresh air intake for HVAC systems, thereby improving indoor air quality and reducing the risk of airborne disease transmission inside facilities.

The City has received confirmation of funding under the Investing in Canada Infrastructure Project (ICIP): COVID-19 Resilience Infrastructure stream – Local Government Intake to implement building automation modifications at various City facilities. The main objectives of the project are to enhance Health and Safety at City facilities to protect all users and to continue to safely operate all facilities during pandemic and post-pandemic.

The mechanical Contractor will act as the "Prime" and co-ordinate the services of various building automation systems service providers who will make programming changes to increase air changes per hour in various facilities. Project will commence upon contract award and all works will be completed by December 2021.

RECOMMENDATION

Recommended bidder	Ambient Mechanical Ltd. (lowest priced bidder)	
Cost of award	\$ 122,934.63	Cost of award (Incl. of HST)
	\$ 12,293.46	Contingency (10%)
	\$ 135,228.09	Total cost of award (Incl. of HST)
ICIP funding	\$ 132,889.24	Building Automation Modifications (270-101-5399-21211)
Budget remaining	(\$ 2,338.85)	

The project will be funded from the ICIP funding (case number 2020-11-1465600634) within the available budget allocated for this component. 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 budget shortfall of (\$2,338.85) represents ineligible HST and it will be funded from Facility Ramp-Up Reserve as part of the Non-DC Capital Contingency funding, which has a balance of (\$146,043).

OPERATING BUDGET AND LIFE CYCLE IMPACT

There is no incremental impact to the operating budget while “Pandemic Mode” is not activated. During the period when “Pandemic Mode” is activated, the BAS settings have potential to impact utility budgets, ranging from a negligible increase in heating and cooling costs to double the current heating and cooling costs if selected. The Life Cycle Reserve Study will be updated upon project completion.

ENVIRONMENTAL CONSIDERATIONS

Operation of this mode will improve indoor air quality within interior environments in all facilities having existing building automation systems. The mode can also be well utilized for years to come during cold/flu seasons to further reduce the risk of airborne disease transmission.