



Report to: General Committee

Meeting Date: November 16, 2020

SUBJECT: Staff awarded contracts for October 2020
PREPARED BY: Alex Moore Ext, 4711

RECOMMENDATION:

1. THAT the report entitled “Staff Awarded Contracts for the Month of October 2020” be received; and
2. That Staff be authorized and directed to do all things necessary to give effect to this resolution

PURPOSE:

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

This report advises Council of all contracts, awarded by the Chief Administrative Officer or Commissioners, or Directors with a total cost exceeding \$50,000 for the month of October 2020.

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	Engaged, Diverse and Thriving City	151-T-20 Cornell NP Park Maintenance Building - Construction	Lowest Priced Bidder	DS
2	Engaged, Diverse and Thriving City	210-S-20 - Wismer Park Washroom/ Pavilion Building and Maintenance Building Contract Extension	Non-Competitive Bidder	DS

Number	BMFT Objective	Description	Award Details	Commission
3	Safe & Sustainable Community	168-T-20 Angus Glen Community Centre Arena Lighting Replacement	Lowest Priced Bidder	C&FS
4	Safe & Sustainable Community	173-T-20 Recreation Security System Replacement	Lowest Priced Bidder	C&FS
5	Safe & Sustainable Community	203-T-20 Huntington Park Floodlights, Poles & Cross Arms Replacement	Lowest Priced Bidder	C&FS
6	Safe & Sustainable Community	215-T-20 Oil-Grit Separator Cleanouts	Lowest Priced Bidder	C&FS
7	Safe & Sustainable Community	136-R-20 Consulting Engineering Services for Trail Design to Connect the Rouge Valley Trail to the Kennedy Road & Austin Drive Intersection	Highest Ranked/Lowest Priced Bidder	DS
8	Safe & Sustainable Community	213-S-20 Supply and Delivery of Two (2) SCBA Decontamination Machines	Non-Competitive Bidder	C&FS

RECOMMENDED BY:

Joel Lustig
Treasurer

Trinela Cane
Commissioner, Corporate Services

To:	Andy Taylor, Chief Administrative Officer
Award:	151-T-20 Cornell NP Park Maintenance Building - Construction
Date:	October 08, 2020
Commission / Department	Development Services / Urban Design

BID INFORMATION

Bid closed on	September 24, 2020
Number picking up document	8*
Number responding to bid	7

*This Request for Tender was by invitation only. Only the eight Contractors who were pre-qualified under Request for Pre-qualification # 150-P-20 were eligible to submit a Bid in response to this Request for Tender.

BACKGROUND

Cornell NP Park Maintenance Building is located within Cornell Dog Park at the SW corner of Riverlands Ave and Cornell Centre Boulevard.

The scope of work consists of the following: Construction of a Maintenance Building, lighting and electrical service, install storm, sanitary, water, hydro services for the building from municipal roads or existing services, concrete curbs, asphalt parking lot, site preparation and grading of site, top soiling of site, planting and sodding. The maintenance building will be completed by July 2021.

RECOMMENDATION

Recommended bidder	Gateman-Milloy Inc. (lowest priced bidder)	
Current budget available	\$ 1,107,000.00	081-5350-19027-005 Cornell Maintenance Building Construction
Less cost of award	\$ 938,227.20	Construction
	\$ 75,058.18	Contingency (8%)
	\$ 1,013,285.38	Total (Inclusive of HST)
	\$ 91,195.68	Internal Management Fee @ 9%
	\$ 1,104,481.06	Total Cost of Award (Inclusive of HST)
Budget remaining after this award	\$ 2,518.94	*

*The Contingency was increased from 7% to 8% in anticipation of potentially poor subsoil quality issues that were discovered in the same park earlier this summer.

**The remaining balance of \$2,518.94 will be returned to the original funding source.

OPERATING BUDGET AND LIFE CYCLE IMPACT

The incremental operating budget impact is estimated at \$3,668 (\$9,170/ha operating impact 0.4 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 NP Park Maintenance Building includes grass cutting, litter pick-up, garbage disposal, inspections and repairs

151-T-20 Cornell NP Park Maintenance Building – Construction**Page 2 of 2****OPERATING BUDGET AND LIFE CYCLE IMPACT**

The incremental operating budget impact is estimated at \$3,668 (\$9,170/ha operating impact 0.4 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 NP Park Maintenance Building includes grass cutting, litter pick-up, garbage disposal, inspections and repairs required to the building. Costs will be included in the Life Cycle Reserve Study at time of building assumption and is estimated at \$810,628.

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)

#2

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

To:	Andy Taylor, Chief Administrative Officer
Award:	210-S-20 - Wismer Park Washroom/ Pavilion Building and Maintenance Building - Contract Extension
Date:	September 30, 2020
Commission / Department:	Development Services / Urban Design

PURPOSE

To award the contract for architectural, civil, electrical and mechanical engineering services including contract administration for the Washroom/ Pavilion Building and Maintenance Building within Wismer Park. The building will be constructed with architectural block

BACKGROUND

In September 2014, the City awarded the contract with a consultant for architectural services to design a masonry maintenance building including washroom facilities at Wismer Park. In late 2019, the City terminated the contract due to non-performance.

In 2019, and after termination of the architectural contract, a decision was made to change the maintenance building from a masonry building to a building constructed with architectural block. At that time, the City awarded a small dollar value contract (\$20k) to the Keewatin Group Inc. to complete the concept development of the program. The purpose of this concept was to design a standalone (repeatable) maintenance building and separate washroom/pavilion building which could be utilized throughout the City of Markham.

The decision to proceed with architectural block design was based on it being the most efficient and cost effective solution. Compared to other construction methods (masonry building), architectural block is the least costly from a construction viewpoint and possesses structural and decorative benefits. Staff anticipate by going with this standardized building design, the City will save the following on construction capital costs:

Building Type	Masonry Construction Method	Architectural Block Construction Method	Anticipated Savings
Washroom/ Pavilion	\$1,500,000	\$1,000,000	\$ 500,000
Maintenance Building	\$1,400,000	\$ 800,000	\$ 600,000

**210-S-20 Wismer Park Washroom/ Pavilion Building and Maintenance Building –
Contract Extension** **Page 2 of 2**

RECOMMENDATION

Recommended bidder	Keewatin Group Inc. (non-competitive procurement)	
Current budget available	\$130,000.00	081-5350-13010-005 Wismer Neighbourhood Park Maintenance Building and Washroom Pavilion Construction
Less cost of award	\$ 74,488.32	Award amount
	\$ 7,448.83	Contingency (10%)
	\$ 81,937.15	Total Cost of Award (Inclusive of HST)
Budget remaining after this award	\$ 48,062.85	*

* Budget remaining will be used for the construction of the Wismer Neighborhood Park Maintenance and Washroom Buildings. Any surplus funds remaining upon construction award will be returned to original funding source.

Any surplus funds remaining upon construction award will be returned to original funding source.

Staff recommends:

That the tendering process be waived in accordance with Purchasing By-Law 2017-8, Part II, Section 11 Non Competitive Procurement, item 1 (c) “when the extension of the existing contract would prove more cost-effective”

Cost competitiveness

The price to complete architectural, civil, electrical and mechanical engineering services for the two buildings (Maintenance and Washroom Pavilion) with Keewatin is significantly lower than architectural services design for a masonry maintenance building. This award provides good value as the previous award in 2014 was \$73k for one building and excluded electrical and civil services.

OPERATING BUDGET AND LIFE CYCLE IMPACT

There is no incremental impact to the operating budget. By proceeding with the change to a standardized Maintenance Building and separate Washroom/ Pavilion Building constructed with architectural block, there will be significant cost avoidance in the life cycle costs in comparison to that of a masonry building, estimated to be approximately \$1M per replacement cycle. Staff will update the Life Cycle Reserve Study at the next update to incorporate the replacement cost with architectural block.

ENVIRONMENTAL CONSIDERATIONS

Environmental protection in the contract documents in order to meet or exceed regulatory environmental procedures during construction.

#3

**STAFF AWARD REPORT**

o:	Andy Taylor, Chief Administrative Officer
Re:	168-T-20 Angus Glen Community Centre Lighting Replacement
Date:	September 18, 2020
Commission / Department:	Community & Fire Services / Recreation Services

BID INFORMATION

Bids closed on	September 17, 2020
Number picking up bid documents	17
Number responding to bid	12

BACKGROUND

To obtain approval to award the contract for supply and replacement of existing light fixtures at the Angus Glen Community Centre, Library, and Pingle House with new energy efficient LED fixtures.

The work will be completed by December 2020.

RECOMMENDATION

Recommended bidder	Kacel Electric Inc. (lowest priced bidder)	
Current budget available	\$209,451.00	500-101-4299-20158– Lighting Replacement
Less cost of award	\$ 60,038.40	Angus Glen Library / Pingle House (Incl. HST)
	\$ 6,003.84	Contingency (10%)
	\$ 46,809.60	Provisional Item*
	\$ 4,680.96	Contingency (10%)*
	\$117,532.80	Total cost of award (Incl. HST)
Budget remaining after this award	\$ 91,918.20	**

*The bid included additional lighting upgrades to LED at 23 locations within Angus Glen CC, such as hallway areas, arena spectator stands, doorways, closets, and activity rooms that was not included in the original project budget. The energy savings is \$9,005 per year for these additional locations.

**The remaining balance in the amount of \$91,918.20 will be returned to the original funding source. Due to shutdown of the community centre and library, work can commence during regular working hours instead of night-time hours resulting in favourable pricing.

OPERATING BUDGET AND LIFE CYCLE IMPACT

Energy savings of \$42,567 (\$33,562 + \$9,005) per year or 2.8 years for payback will be reflected starting in 2021 and be realized in the 2021 operating budget. New LED fixtures will have a useful life of 10 years.

ENVIRONMENTAL CONSIDERATIONS

Replacing the less efficient lights with high efficiency LEDs will achieve energy savings of approximately \$42,567 per year with an approximate payback of 2.8 years. Existing light fixtures will be sorted properly and recycled.

#4

**STAFF AWARD REPORT**

To:	Andy Taylor, Chief Administrative Officer
Re:	173-T-20 Recreation Security System Replacement
Date:	September 23, 2020
Commission / Department:	Community & Fire Services / Recreation Services

BID INFORMATION

Bids closed on	September 4, 2020
Number picking up bid documents	7
Number responding to bid	3*

*1 of 3 bids were rejected as non-compliant due to failure to meet mandatory software certification requirements as set out in the tender.

BACKGROUND

To obtain approval to award the contract for the replacement of the security systems at the Angus Glen and Cornell Community Centres. The work includes but is not limited to:

- Replace existing analog cameras with multi megapixel IP cameras that will record on existing NVRs;
- Installation and deployment of video management system components across the City of Markham's existing network infrastructure;
- Supply all the new and/or required project electrical requirements.

The work will be completed by February 2021.

RECOMMENDATION

Recommended bidder	Metrobit Inc. (lowest priced bidder)	
Current budget available	\$280,594.30	500-101-5399-20163– Recreation Security
Less cost of award	\$243,115.30	Total cost of award (Incl. of HST)
Budget remaining after this award	\$ 37,479.00	*

*Of the budget remaining, \$18,739.50 will be retained for Thornhill Community Centre security system replacement portion of this project and the remaining \$18,739.50 will be returned to the original funding source.

OPERATING BUDGET AND LIFE CYCLE IMPACT

There is no incremental operating budget or life cycle impact.

ENVIRONMENTAL CONSIDERATIONS

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

#5

**STAFF AWARD REPORT**

To:	Andy Taylor, Chief Administrative Officer
Re:	203-T-20 Huntington Park Floodlights, Poles & Cross Arms Replacement
Date:	October 13, 2020
Commission / Department:	Community & Fire Services / Operations

BID INFORMATION

Bid closed on	October 7, 2020
Number picking up bid document	17
Number responding to bid	9

BACKGROUND

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

The project will be completed by March 31, 2021.

RECOMMENDATION

Recommended bidder	Nadelec Contracting Inc. (lowest priced bidder)	
Current budget available	\$166,833.00	059-6150-20206-005 Huntington Park Floodlights, Poles & Cross Arms Replacement
Less cost of award	\$136,561.92 \$ 13,656.19 \$150,218.11	Award (Incl. of HST) Contingency @ 10% Total cost of award (Incl. of HST)
Budget remaining after this award	\$ 16,614.89	*

*The remaining budget of \$16,614.89 will be returned to the original funding source.

OPERATING BUDGET AND LIFE CYCLE IMPACT

There is no incremental impact to the operating budget. The Life Cycle Reserve Study will be 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 lamps are replaced every 5 years. The installation of LED floodlights will eliminate the need for the 5-year relamping program for these fields and instead, a significantly lower yearly provisional amount will be required. This saving, once determined, along with the cost to upgrade all remaining floodlights to LED will be built into the 2021 Life Cycle Reserve Study update.

ENVIRONMENTAL CONSIDERATIONS

N/A

#6

**STAFF AWARD REPORT**

To:	Morgan Jones, Director, Operations
Re:	215-T-20 Oil-Grit Separator Cleanouts
Date:	October 21, 2020
Commission / Department:	Community & Fire Services / Operations

BID INFORMATION

Bid closed on	October 20, 2020
Number picking up bid document	7
Number responding to bid	4

BACKGROUND

To obtain approval to award the contract for the clean out of all oil-grit separator structures as identified in the tender documents. The Contactor is to haul all collected material to a Ministry of the Environment Conservation and Parks (MECP) approved waste processing plant to process and dispose of material in an environmentally responsible and approved manner in accordance with applicable laws.

It is anticipated that work will commence upon contract award and be completed within thirty (30) days.

RECOMMENDATION

Recommended bidder	Flow Kleen Technology Ltd. (lowest priced bidder)	
Current budget available	\$196,400.00	700-101-5399-20248 OGS Cleaning
Less cost of award	\$ 67,139.21 \$ 6,597.80 \$ 73,737.01	Award (Incl. of HST) Contingency @ 10% Total cost of award (Incl. of HST)
Budget remaining after this award	\$122,662.99	*

*The remaining budget of \$122,662.99 will be returned to the original funding source. The original budget anticipated clean out at 40 locations. The actual number of locations requiring clean out is 12 and the estimated tonnage of waste to be removed is determined following inspections.

OPERATING BUDGET AND LIFE CYCLE IMPACT

There is no incremental impact to the operating budget. The Life Cycle Reserve Study will be updated accordingly as part of the next update.

ENVIRONMENTAL CONSIDERATIONS

Material removed from the oil-grit separators is disposed of in compliance with all regulations set forth by the MECP.

#7

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

To:	Arvin Prasad, Commissioner, Development Services
Re:	136-R-20 Consulting Engineering Services for Trail Design to Connect the Rouge Valley Trail to the Kennedy Road & Austin Drive Intersection
Date:	October 19, 2020
Commission / Department:	Development Services / Engineering

BID INFORMATION

Bid closed on	Sept. 24, 2020
Number picking up bid document	15
Number responding to bid	7

BACKGROUND

This project is to design a new trail connection from the Rouge Valley Trail to the Kennedy Road & Austin Drive Intersection. During major rainstorms and melting snow in the spring, heavy floods and mud deposits are left on the Rouge Valley Trail at the Kennedy Road underpass restricts access to pedestrians and cyclists. As such, the proposed trail connection will allow users to access the trail by providing an alternate route that will connect to the other sections of the trail over Kennedy Road.

The project will be completed by December 2020.

RECOMMENDATION

Recommended bidder	Harrington McAvan Ltd (Highest ranked / lowest priced bidder)	
Current budget available	\$130,300.00	083-5350-20042-005 Rouge Valley Trail (Kennedy Road North) – Design
Less cost of award	\$60,842.30 \$ 6,084.23 \$66,926.53	Award (Incl. of HST)* Contingency @ 10% Total cost of award (Incl. of HST)
	\$ 14,565.29 \$81,491.82	Internal Fees Total Cost of Award (Incl. of HST)
Budget remaining after this award	\$48,808.18	**

*The award amount includes allowances for sub-surface utility engineering, geotechnical investigation and a topographic survey.

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

136-R-20 Consulting Engineering Services for Trail Design to Connect the Rouge Valley Trail to the Kennedy Road & Austin Drive Intersection

Page 2 of 2**PROPOSAL EVALUATION**

The Evaluation Team was comprised of staff from the Engineering Department and facilitated by staff from the Procurement Department. The technical evaluation was based on pre-established evaluation criteria as outlined in the Request for Proposal: 15% qualifications and experience of the consulting firm, 15% qualifications and experience of the project manager and team, 40% project understanding, methodology, schedule and Work Plan and 30% price, totaling 100%.
the consulting firm, 15% qualifications and experience of the project manager and team, 40% project understanding, methodology, schedule and Work Plan and 30% price, totaling 100%.

Bidder	Score
Harrington McAvan Ltd.	93.00

* Bid prices ranged from \$60,842 to \$107,413 inclusive of HST.

OPERATING BUDGET AND LIFE CYCLE IMPACT

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

ENVIRONMENTAL CONSIDERATIONS

N/A

#8

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

To:	Andy Taylor, Chief Administrative Officer
Re:	213-S-20 Supply and Delivery of Two (2) SCBA Decontamination Machines
Date:	October 5, 2020
Commission / Department:	Community & Fire Services / Fire Services

PURPOSE

To obtain approval to award the contract for the supply and delivery of two (2) Solo Rescue self-contained breathing apparatus (SCBA) decontamination machines.

BACKGROUND

After each firefighting operation, it is standard procedure for firefighters to launder their bunker gear (jacket, pants and boots) in industrial machines in fire stations. However, SCBA gear (harness, face piece, and air cylinder) is currently not decontaminated after each operation. By procuring these decontamination machines it will allow Markham Fire Services to include the decontamination of SCBA gear after each operation as part of standard procedure for consistent and more effective cleaning and decontamination.

These Solo Rescue machines will be used to decontaminate SCBA gear after exposure to harmful toxins/chemicals, reducing the risk of developing job related illness. The self-contained cleaning process removes residue from soot and other toxins absorbed by SCBA gear in as little as five minutes and is effective on steel, composite and rubber.

It is anticipated that the decontaminated machines will be delivered within four (4) weeks from the date the purchase order is issued.

RECOMMENDATION

Recommended bidder	Canadian Safety Equipment Inc. (non-competitive procurement)	
Current budget available	\$63,300.00	SCBA Decontamination Machine*
Less cost of award	\$63,117.66	Total cost of award (Incl. of HST)
Budget remaining after this award	\$ 182.34	**

*The award is pending the 2021 capital budget pre-approval at the October 14, 2020 Council meeting.

**The remaining budget of \$182.34 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:

- (a) Item 11.1 (b) which states, “where there is only one source of supply for the goods to be purchased”; and
- (b) Item 11.1 (e) which states, “where the City is acquiring specialized equipment, in which case the sources of supply may be identified based on technical specifications.

213-S-20: Supply and Delivery of Two (2) SCBA Decontamination Machines Page 2 of 2

SCBA decontamination machines are new technology to North America, and currently, Canadian Safety Equipment, Inc. is the sole authorized distributor in Canada for the Solo Rescue washers manufactured by RESCUE Intellitech Inc. There is currently no other SCBA decontamination machine available. The SCBA decontamination machine is not brand specific and can be utilized on any brand of SCBA gear as well as other small personal protective equipment such as helmets, gloves and boots.

OPERATING BUDGET AND LIFE CYCLE IMPACT

There is no incremental impact to the operating budget, and the Decontamination machines will be added to the next Life Cycle Reserve Study.

ENVIRONMENTAL CONSIDERATIONS

N/A

RECOMMENDED BY:

Joel Lustig
Treasurer

Trinela Cane
Commissioner, Corporate Services