



Report to: General Committee

Meeting Date: July 13, 2021

SUBJECT: Staff awarded contracts for May 2021
PREPARED BY: Alex Moore, Ext 4711

RECOMMENDATION:

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

PURPOSE:

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

This report advises Council of all contracts, awarded by the Chief Administrative Officer or Commissioners, or Directors with a total cost exceeding \$50,000 for the month of May 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 | 030-R-21 Consulting Service Markham Centre Community Energy Plan | highest ranked / lowest priced bidder | Development Services |
| 2 | Safe & Sustainable Community | 035-R-21 Consulting Services for Net-Zero Energy Emissions Retrofits for Fire Stations | highest ranked / second lowest priced bidder | Corporate Services |
| 3 | Safe & Sustainable Community | 043-R-21 Consulting Engineering Services for Sediment Removal at Four Stormwater Management Ponds | highest ranked / lowest priced bidder | Community Services |
| 4 | Safe & Sustainable Community | 061-S-21 Miller SWM Pond - Design Completion | Non-competitive Procurement | Development Services |
| 5 | Safe & Sustainable Community | 070-T-21 Milliken Mills Community Centre Arena Pad Replacement | Lowest priced bidder | Community Services |
| 6 | Safe & Sustainable Community | 084-T-21 New Infill Residential Service Connections at Various Locations | Lowest priced bidder | Development Services |
| 7 | Safe & Sustainable Community | 100-Q-21 Phase 4- Construction of Whistling Cessation Measures on Two (2) Railway Crossings | Lowest priced bidder | Development Services |

| Number | BMFT Objective | Description | Award Details | Commission |
|---------------|--|--|----------------------|--------------------|
| 8 | Exceptional Services by Exceptional People | 065-T-21 Civic Centre Vestibule Renovations at the Milliken and Great Hall Entrances | Lowest priced bidder | Corporate Services |
| 9 | Exceptional Services by Exceptional People | 085-T-21 - Elevator Upgrade at 8100 Warden Avenue | Lowest priced bidder | Corporate Services |

RECOMMENDED BY:

Joel Lustig
Treasurer

Trinela Cane
Commissioner, Corporate Services

| | |
|-------------|--|
| To: | Biju Karumanchery, Acting Commissioner Development Services |
| Award: | 030-R-21 Consulting Services, Markham Centre Community Energy Plan |
| Date: | May 17, 2021 |
| Commission: | Development Services / Planning |

BID INFORMATION

| | |
|--------------------------------|----------------|
| Bid closed on | April 18, 2021 |
| Number picking up bid document | 9* |
| Number responding to bid | 2 |

*Procurement contacted the suppliers who downloaded the document and did not submit a bid. Responses were related to not being able meet the schedule due to their current workload, not having the requisite expertise to successfully complete the scope of work and their current capacity to respond to the RFP.

PURPOSE

To obtain approval to award the contract for consulting services to prepare Markham Centre Community Energy Plan. The Community Energy Plan (“CEP”) will be a companion document to the Markham Centre Secondary Plan, and will identify and advance sustainable development practices as they relate to energy use and generation within the project study area.

The purpose of the CEP is to identify opportunities to integrate efficient, low carbon, and resilient energy solutions to service the Markham Centre Secondary Plan area to support Markham’s Municipal Energy Plan – Getting to Zero (MEP) goal of Net zero emissions by 2050. To achieve this goal, the MEP defines four guiding principles:

- Using less energy;
- Generating more local renewable energy;
- Switching away from fossil fuels; and,
- Offsetting remaining emissions (preferably locally with tree planting or buying credits)

The CEP will help to integrate energy planning into the land use planning process, and will inform the City’s evaluation process of proposed development within the Secondary Plan area as it relates to the identified strategies to reduce energy use, to support renewable energy generation and to reduce overall carbon emissions in Markham Centre.

Prior to the development of the CEP, the Successful Bidder will undergo an update to the City’s existing technical energy model, and use the updated model to complete an energy modelling exercise to quantify the energy use and emissions associated with the Secondary Plan Draft Development Concept. The results of the energy modelling exercise will help to inform the selection of the Recommended Development Concept and the development of a Markham Centre CEP. The CEP will outline a pilot demonstration project using new energy conservation and low carbon emissions technologies that may inform decisions to be adopted in new buildings.

The key outcomes of the Work include:

- i) Updated modelling to reflect the Markham Centre Secondary Plan area context;
- ii) Modelling of the Draft Development Concept and the Recommended Development Concept; and,
- iii) Development of a Markham Centre Community Energy Plan and pilot demonstration project.

RECOMMENDATION

| | | |
|-----------------------------------|---|---|
| Recommended bidder | Sustainability Solutions Group Workers Co-operative (highest ranked / lowest priced bidder) | |
| Current budget available | \$176,600.00 | # 620 101 5699 21014 Markham Centre Community Energy Plan |
| Less cost of award | \$133,051.20 | Award |
| | \$ 13,305.12 | Contingency (10%) |
| | \$146,356.32 | Total Cost of Award (Inclusive of HST) |
| | \$ 13,172.07 | Internal Management Fee @ 9% |
| | \$159,528.39 | Total Cost of Award (Inclusive of HST) |
| Budget remaining after this award | \$ 17,071.61 | |

The remaining funds in the amount of \$17,071.61 will be returned to original funding source.

PROPOSAL EVALUATION

The bid evaluation team was comprised of staff from the Planning, and Sustainability and Asset Management Department, with staff from Procurement acting as the facilitator. Staff evaluated two (2) proposal submissions.

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 results from Stage 1 and Stage 2 are summarized below:

Overall Scoring

| Bidders | Grand Total Score (out of 100) | Rank Results |
|---|-----------------------------------|--------------|
| Sustainability Solutions Group Workers Co-operative | 90.00 | 1 |

OPTIONS / DISCUSSIONS

The Sustainability Solutions Group Workers Co-operative (“SSG”) scored the highest in Stage 1 – Technical Proposal demonstrating a thorough understanding of the project and its requirements. SSG’s proposal demonstrated to the City’s satisfaction that they and their partners have the ability to undertake the project and that they have a strong understanding of the project deliverables, key issues and challenges. Through the evaluation process, SSG demonstrated a depth of Canadian and Ontario experience and expertise as it specifically relates to the ability to undertake a large-scale community energy planning project with an emphasis on: energy and emissions modeling and planning; climate change mitigation and adaptation; neighbourhood planning and design (urban design, natural infrastructure, water planning, green building, waste analysis, transportation planning); cost effective and open source modeling; excellent community engagement, innovative public consultation expertise; and, progressive policy measures to achieve healthy, connected and sustainable communities.

Price comparison

Since the recommended bidder was the only bidder who achieved a minimum score of 75% and subsequently, have their bid price opened, Staff ensured competitiveness of the bid by validating the following:

- Budget:
 - The quoted price from the SSG is within the estimated budget for this project
- Market Place:
 - There are only a few firms that develop community or municipal energy plans, which were realized when discussing with vendors who did not bid.
- Price comparison:
 - Staff undertook an analysis of the price provided to ascertain its competitiveness. Staff reviewed a recent consultant project, which was awarded to the lowest priced bidder, which received more than one submission. The hourly rate provided by SSG is consistent with the recent consultant project.

OPERATING BUDGET AND LIFE CYCLE IMPACT

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

ENVIRONMENTAL CONSIDERATIONS

The development of Markham's Municipal Energy Plan supports the Energy & Climate priority in Markham's Community Sustainability Plan, the Greenprint, with an objective of net zero energy, water, waste and emissions by 2050. Specifically, the MEP will define net zero by 2050 for each of the categories of energy, water, waste and emissions as well as meet recommendations #84 (create an Energy Descent Strategy to reduce greenhouse gas emissions) and recommendation #93 (promote ongoing community outreach, education and understanding on climate change) from the Greenprint.

STAFF AWARD REPORT

| | |
|--------------------------|--|
| To: | Trinela Cane, Commissioner, Corporate Services |
| Re: | 035-R-21 Consulting Services for Net-Zero Energy Emissions Retrofits for Fire Stations |
| Date: | May 3, 2021 |
| Commission / Department: | Corporate Services / Sustainability & Asset Management |

BID INFORMATION

| | |
|---------------------------------|---------------|
| Bids closed on | April 8, 2021 |
| Number picking up bid documents | 18 |
| Number responding to bid | 6 |

BACKGROUND

To obtain approval to award the contract for multi-disciplinary consulting engineering services to study, research, and design an archetypal model and actionable retrofit framework that will create pathways for the City's fire stations to achieve Net-Zero Energy Emissions (NZEE) by no later than 2050.

The project scope will include developing an implementation strategy on how to cost-effectively achieve NZEE for an archetype fire station (modelled representation of a "typical" building), as well as customized solutions for the three participating fire stations, via energy conservation, energy efficiency (including heat recovery), fuel-switching (electrification), on-site renewable energy, and purchasing local renewable energy credits (RECs) for any remaining outstanding energy balance.

The goal is for the City to lead the community by example, through City's assets, towards a sustainable future. This project aims to pilot the retrofit design and implementation framework of taking an archetypally modelled building (and selected pilot facilities) towards NZEE.

The work will commence upon award and be completed by December 2021.

RECOMMENDATION

| | | |
|--------------------------------|--|---|
| Recommended bidder | MCW Consultants Ltd. (highest ranked / second lowest price bidder) | |
| Current budget allocated | \$ 55,000.00 | 270-101-5699-20064 Facility Energy Management Program |
| Less cost of award | \$ 70,723.20 | Cost of Award (incl. HST impact) |
| | <u>\$ 7,072.32</u> | Contingency 10% |
| | \$ 77,795.52 | Total Cost of Award (incl. HST impact) |
| Budget remaining after award | (\$ 22,795.52) | |
| Budget available for shortfall | \$ 23,090.32 | 270-101-5699-20064 Facility Energy Management Program |
| Remaining budget | \$ 294.80 | |

The shortfall of \$22,795.52 was mainly due to cost under-estimation and limited market data, where studying how to cost effectively and efficiently achieve NZEE (before the year 2050) is an emerging and rapidly advancing field provincially, nationally, and globally. There were no prior contracts within the City of Markham that were similar for budgeting purpose to reference at time of budgeting.

The shortfall will be funded from the budget surplus in the amount of \$23,090.32 from other components within the same Project 20064 that were either deferred or cancelled due to the COVID-19 pandemic. The remaining budget in the amount of \$294.80 will be returned to source.

The original bid price was \$91,584.00 inclusive of HST impact and exclusive of contingency. Staff reviewed various options with the recommended bidder to reduce the bid price by \$20,860.80, and the budget shortfall by \$22,946.88, without affecting the project intent.

PROPOSAL EVALUATION

The two-staged evaluation was based on pre-determined criteria as detailed in the Request for Proposal: 15% for qualifications and experience, 15% for qualification and experience of the project manager and team, 40% for project understanding, methodology & delivery, and 30% for price, totaling 100%.

| Bidder | Score |
|----------------------|-------|
| MCW Consultants Ltd. | 92.2 |

* The original Bid prices ranged from \$88,346.61 to \$250,634.88, inclusive of HST impact and exclusive of contingency. The recommended consultant, MCW Consultants Ltd., has strong experience in planning, auditing, designing, modelling, energy engineering, commissioning and engaging stakeholders, similar to this scope. Their proposal demonstrated to the City’s satisfaction that they have the experience to undertake the project and they have a strong understanding of the project deliverables.

OPERATING BUDGET AND LIFE CYCLE IMPACT

The award is for consulting services only. There is no incremental impact to the operating budget and life cycle reserve study.

ENVIRONMENTAL CONSIDERATIONS

The study aims to achieve the following objectives for new and existing fire stations:

- Determine how to retrofit (and construct) buildings to NZEE primarily through significant energy and GHG emission reductions (environmental)
- Reduce utility bills and mitigate capital costs by identifying and implementing cost-effective GHG reduction solutions and leveraging normal capital renewal timelines (economic)
- Improve building quality, comfort, health and resilience (social)
- Increase internal communication, awareness, and capacity that will enable the City to better plan, build, retrofit, operate and maintain NZEE buildings
- Support sector transformation by developing zero-over-time retrofit pathways to achieve NZEE by 2050 for the fire station property type

| | |
|--------------------------|---|
| To: | Andy Taylor, Chief Administrative Officer |
| Re: | 043-R-21 Consulting Engineering Services for Sediment Removal at Four Stormwater Management Ponds |
| Date: | April 26, 2021 |
| Commission / Department: | Community Services / Environmental Services |

BID INFORMATION

| | |
|-------------------------------------|----------------|
| Bids closed on | April 20, 2021 |
| Number picking up bid documents | 6 |
| Number of Bidders responding to bid | 5 |

BACKGROUND

To obtain approval to award the contract for consulting engineering services for sediment removal at the following four storm water management (SWM) ponds:

- ID #25: Leitchcroft Farm/Teubner Industrial Subdivision and
- ID #67: Buttonville Business Park Pond 2G
- ID #47: Demarco/Webjo Development Pond and
- ID #119: Angus Glen Community Centre Pond

Phase & Schedule:

Phase 1 - Contract Administration / Inspection for Pond #25 & #67 (Complete by summer 2021)

Phase 2a - Detailed Design for Pond #47 & #119 (Complete by spring 2022)

Phase 2b - Contract Administration / Inspection Pond #47 & #119 (Complete by summer 2022)

RECOMMENDATION

| | | |
|--------------------------|--|---|
| Recommended Bidder | AECOM Canada (Highest Ranked / Lowest Priced Bidder) | |
| Current Budget Available | \$ 45,541.20 <u>\$142,600.00</u> \$188,141.20 | SWM Pond Cleaning (ID #25 & #67) 058-6150-20249-005 SWM Pond Cleaning (ID #47 & #119) 058-6150-21160-005 |
| Less: Cost of Award | \$39,595.83 <u>\$ 3,959.58</u> \$43,555.41 \$72,304.58 \$58,757.59 <u>\$13,106.22</u> \$144,168.39 \$187,723.80 | Phase 1 Phase 1 Contingency (10%) Total Award for Phase 1 (inclusive of HST Impact) Phase 2a * Phase 2b ** Phase 2a & 2b Contingency (10%) Total Award for Phase 2a & 2b (inclusive of HST Impact) Total Award for Phase 1 & 2 |
| Budget Remaining | \$417.40 | *** |

*The cost of award under Phase 2a includes provisional cost of \$10,899.94 to review opportunities to resolve recurring maintenance issues (e.g. recurring clog at outfall at pond #119) with the objective of lower long-term operations / maintenance costs.

**The cost of award under 2b is based on an estimated construction period of 20 weeks. The construction period may change subject to detailed design (Phase 2a). Phase 2b will only be awarded based on satisfactory performance and completion of Phase 1 and Phase 2a.

***The remaining budget is a combination, of a budget surplus in project 20249 of \$1,985.79 and budget shortfall of \$1,568.39 in project 21160, for a net budget remaining of \$417.40 (\$1,985.79-\$1,568.39). The shortfall in project 21160 will be funded from project 20249. After funding project 21160, the budget remaining in project 20249, of \$417.40, will be returned to original funding source.

PROPOSAL EVALUATION

The two-staged evaluation was based on pre-determined criteria as detailed in the Request for Proposal: 20% for experience/past performance, 20% for qualification and experience of the project manager and team, 30% for project delivery, and 30% for price, totaling 100%.

| Bidder | Score |
|--------------|-------|
| AECOM Canada | 88.3 |

* Bid prices ranged from \$170,658.00 to \$369,771.83, inclusive of HST Impact and exclusive of contingency. The recommended consultant, AECOM Canada Ltd., demonstrated a good understanding of the project, had an experienced and qualified project team and illustrated a comprehensive plan and methodology for the project.

OPERATING BUDGET AND LIFE CYCLE IMPACT

The next sediment cleaning for Ponds #25, #67, #47 and #119 are included in the Life Cycle Reserve Study for years 2041 and 2042 respectively (20 years from the cleanout date). There are no incremental impact to the operating budget and life cycle reserve study.

ENVIRONMENTAL CONDITIONS

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

| | |
|-------------|--|
| To: | Andy Taylor, Chief Administrative Officer |
| Award: | 061-S-21 Miller SWM Pond - Design Completion |
| Date: | April 19, 2021 |
| Commission: | Development Services / Engineering |

BACKGROUND

The Official Plan Amendment 146 (OPA 146) for lands owned by White Owl Properties Limited (previously Miller Paving Limited) was adopted in 2005. The lands are approximately 50 hectares in size, and are bounded by Miller Avenue to the north, Rodick Road to the east, 14th Avenue to the south and Woodbine Avenue to the west. The subdivision lands are within the South Beaver Creek watershed (the “White Owl Lands”).

The plan of subdivision was draft approved in 2006 and White Owl requested an extension in November 2020 (Draft Plan of Subdivision 19TM-06001). The plan of subdivision was draft approved subject to conditions relating to the design of a Stormwater Management facility (SWM pond), cost sharing and properties required for the construction of the SWM pond.

On May 4, 2010, an update was provided to Development Services Committee in an in-camera report entitled “Update on Environmental and Property Issues regarding the Miller Paving Limited Lands”. The 2010 report included recommendations related to the proposed SWM pond. The following was approved in the report:

- authorization to execute an Agreement of Purchase and Sale with Hydro One Networks Inc (“HONI”) for lands required for the construction of the SWM pond,
- authorization to execute a Cost Sharing Agreement with Miller Paving Limited (now White Owl Properties Limited or White Owl) to acquire lands for the construction of the proposed SWM pond (only land cost excluding construction costs) based on the principles outlined in the 2010 report.

Staff is scheduled to report to Council in fall 2021 to provide an update on the design, property requirements and updated cost sharing for the project.

SWM Pond Design Update

To date, White Owl and its consultant have completed the 90% design for the SWM pond. Comments from City departments as well as Hydro One Network Inc (HONI) has been provided to White Owl and its consultant. The City has requested White Owl and its consultant to complete the detailed design and to seek approval from the City and HONI.

Draft Cost Sharing Agreement

In accordance with the resolution in the May 2010 report, staff has been in discussions with White Owl to firm up the cost estimates related to the SWM pond works (i.e. land acquisition, remediation of contaminated materials, construction, design / contract admin, fees, etc.). To date, White Owl has been covering the costs associated with the SWM pond design, including all environmental reports required for the project.

In anticipation of a cost sharing agreement between the two parties, White Owl has requested that Markham pay for the cost of the remaining design work for the SWM pond. White Owl has submitted its cost to date for the SWM pond design. Staff are reviewing the submitted cost, and if it is satisfactory, it will be included in the final cost-sharing summary.

The cost to complete the design of the SWM pond as submitted by White Owl’s consultant is as follows:

| Scope | Cost | Comments |
|---|------------|---|
| Update topo survey (sub-consultant) | \$ 12,211 | The current pond design was based on an older survey. In a site visit by staff in late 2020, it was determined that the site grading has since changed and a new topo survey is required. |
| Update design based on new survey (Main Consultant) | \$ 6,845 | |
| Tender document preparation | \$ 10,298 | Required as part of the SWM Pond design completion |
| SWM Pond Design (Original Scope) | \$ 26,907 | Remaining design work from original scope |
| Prepare final SWM Pond design for approval | \$ 51,020 | Finalize SWM pond design based on comments from all parties (including HONI) to obtain approval. |
| Total: | \$ 107,141 | Inclusive of disbursements and HST |

The final project and up-fronting costs by White Owl will be included and reflected in the final cost sharing agreement. Staff will report the final costs to Council in Fall 2021.

It is anticipated that the remaining design work will commence in Spring 2021 and be completed by Fall 2021.

RECOMMENDATION

| | | |
|------------------------------|--|--|
| Recommended Bidder | White Owl Inc. (non-competitive procurement) | |
| Current budget available | \$ 15,189,800 | 083-5350-19042-005 Miller Pond Site Preparation and Property |
| Less cost of award | \$ 107,141 | Award (Incl. of HST) |
| | \$ 10,715 | Contingency @ 10% |
| | \$ 117,856 | Cost of award (Incl. of HST) |
| | \$ 17,143 | Engineering Fees |
| | \$ 134,999 | Total Project Cost |
| Budget remaining after award | \$ 15,054,801 | * |

* The remaining budget will be used for construction and contract administration for the SWM pond as well as the acquisition of lands from HONI.

Staff further recommends

That the tendering process be waived in accordance with Purchasing By-Law 2017-8, Part II, Section 11 Non Competitive Procurement, item 2 (g) which states “where it is in the City’s best interest not to solicit a competitive Bid;”

OPERATING BUDGET AND LIFE CYCLE IMPACT

There is no incremental impact to the operating budget and Life Cycle Reserve Study in completing the design of the SWM pond.

#5



STAFF AWARD REPORT

| | |
|-------------|--|
| To: | Andy Taylor, Chief Administrative Officer |
| Re: | 070-T-21 Milliken Mills Community Centre Arena Pad Replacement |
| Date: | April 27, 2021 |
| Commission: | Community Services / Recreation Services |

BID INFORMATION

| | |
|--------------------------------|---------------|
| Bid closed on | April 7, 2021 |
| Number picking up bid document | 23 |
| Number responding to bid | 6 |

BACKGROUND

To obtain approval to award the contract to replace the existing arena pad and header trench system at the Milliken Mills Community Centre. The existing arena pad and piping system was installed in 1982 and replacement is warranted based on condition assessment. This replacement includes the concrete pad, header return and supply piping, header trench, and underfloor heating. It is anticipated that work will be completed by October, 2021.

RECOMMENDATION

| | | |
|-----------------------------------|--|---|
| Recommended bidder | MJK Construction Inc. (lowest priced bidder) | |
| Current budget available | \$ 875,498.00 | 500-101-4299-20135– Arena Pad Replacement |
| Less cost of award | \$ 716,145.16 | Bid price (Incl. of HST) |
| | \$ 71,614.52 | Contingency @ 10% |
| | \$ 787,759.67 | Cost of award (Incl. of HST)* |
| Budget remaining after this award | \$ 87,738.33 | ** |

*The cost of award includes a cash allowance of \$7,632 for cast in place anchor installation and supervision during the concrete pour.

** The remaining budget of \$87,738.33 will be returned to its original funding source.

OPERATING BUDGET AND LIFE CYCLE IMPACT

The life cycle reserve study will be updated to reflect the award cost of the equipment which will require replacement in 50 years. There is no operating budget impact.

ENVIRONMENTAL CONSIDERATIONS

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

STAFF AWARD REPORT

| | |
|-------------------------|--|
| To: | Arvin Prasad, Commissioner, Development Services |
| Re: | 084-T-21 New Infill Residential Service Connections at Various Locations |
| Date: | April 21, 2021 |
| Commission / Department | Development Services / Engineering |

BID INFORMATION

| | |
|--------------------------------|---------------|
| Bid closed on | April 1, 2021 |
| Number picking up bid document | 14 |
| Number responding to bid | 6 |

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 Tender are as follows:

1. 72 Robinson St
2. 29 Rouge River Cir
3. 40 Albert St
4. 40A Albert St
5. 113 Elgin St
6. 68 Pointsetta Dr
7. 36 Fairway Heights Dr
8. 15 Country Estates Dr
9. 1 Spirea Crt
10. 22 Schooner Crt
11. 1 Sunflowr Crt
12. 3 Sunflower Crt

RECOMMENDATION

| | | |
|-----------------------------------|---|---|
| Recommended bidder | 2708268 Ont. Inc O/A Nelli Construction (lowest priced bidder locations 2-5, 7,8, 10-12) N.S.J WaterWorX Group Ltd. (lowest priced bidder locations 1,6,9) | |
| Budget allocated to award | \$217,461.12 | 083-5350-21205-005 Residential Water Service* |
| Less cost of award | \$217,461.12 | 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: | Biju Karumanchery, Acting Commissioner, Development Services |
| Re: | 100-Q-21 Phase 4- Construction of Whistling Cessation Measures on Two (2) Railway Crossings |
| Date: | May 10, 2021 |
| Commission / Department | Development Services / Engineering |

BID INFORMATION

| | |
|--------------------------------|----------------|
| Bid closed on | April 29, 2021 |
| Number picking up bid document | 9 |
| Number responding to bid | 2 |

BACKGROUND

This scope of work under this project is to install traffic safety information and whistle cessation signage, permanent pavement markings and removal of excess vegetation within the railway right-of-way at 19th Avenue (Metrolinx Uxbridge Subdivision) and Elgin Mills Road (Metrolinx Uxbridge Subdivision). It is anticipated that work will be completed by June 4, 2021.

RECOMMENDATION

| | | |
|-----------------------------------|--|--|
| Recommended Bidder | Arenes Construction Ltd (lowest priced bidder) | |
| Current Budget Available | \$38,351.65 | 083-5350-19260-005 Whistle Cessation 3 Rural Crossings |
| Less cost of award | \$45,367.66 | Cost of Award (Incl. of HST) |
| | <u>\$ 4,536.77</u> | Contingency |
| | \$49,904.43 | Cost of Award (Incl. of HST) |
| | <u>\$ 7,485.66</u> | Internal Fees |
| | \$57,390.09 | Total Project Cost |
| Budget remaining after this award | (\$19,038.09) | |
| Budget available for shortfall | \$19,038.09 | York Region Funding |
| Remaining budget | \$ 0.00 | |

The budget shortfall will be temporary in nature. York Region tabled a report in January 2021 committing \$50,000 to Markham for whistle cessation. Once funding is received (expected to be received by Q4 2021), staff will allocate \$19,038.09 to fund the shortfall under this award.

OPERATING BUDGET AND LIFE CYCLE IMPACT

The incremental operating budget impact for these proposed works (line painting and signs) are minimal and can be absorbed through the existing Operations - Roads annual operating budget.

ENVIRONMENTAL CONSIDERATIONS

N/A

STAFF AWARD REPORT

| | |
|-------------------------|--|
| To: | Trinela Cane, Commissioner, Corporate Services |
| Re: | 065-T-21 Civic Centre Vestibule Renovations at the Milliken and Great Hall Entrances |
| Date: | May 5, 2021 |
| Commission / Department | Corporate Services / Sustainability & Asset Management |

BID INFORMATION

| | |
|--------------------------------|----------------|
| Bid closed on | April 20, 2021 |
| Number picking up bid document | 18 |
| Number responding to bid | 9 |

BACKGROUND

This project is to renovate the vestibules at the Great Hall and Milliken entrances at the Civic Centre. This will complete the renovation of all four vestibules as Unionville and Thornhill entrances were completed in 2020.

The scope of work involves demolition of the existing vestibules (glazed curtain walls, pairs of glass doors, terrazzo flooring and floor mat) and replacement with new floor finishes, new framing, new doors and the security and access controls. Construction will not begin until the delivery date for the curtain wall systems is confirmed for both entrances, and both entrances will be renovated at the same time. Due to this project, the Great Hall and Milliken entrances will be closed during construction and as such, security, staff and visitor(s) will be redirected to the Thornhill entrance.

The project will commence following award and will be completed by December 2021.

RECOMMENDATION

| | | |
|-----------------------------------|---|---|
| Recommended Bidder | Fina Construction Ltd. (lowest priced bidder) | |
| Current Budget Available | \$260,700.00 | 270-101-5699-21049 Civic Centre Vestibule Repairs |
| Less cost of award | \$177,862.23 | Cost of Award (Incl. of HST) |
| | <u>\$ 17,786.22</u> | Contingency |
| | \$195,648.46 | Total Cost of Award (Incl. of HST) |
| Budget Remaining after this award | \$ 65,051.54 | |

The cost of award includes cash allowances in the amount of \$9,158.40 for signage, material testing/sampling and the reinstallation of card readers and a camera buzzer.

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

OPERATING BUDGET AND LIFE CYCLE IMPACT

This project will use items that are similar in nature for life cycle and operating costs. There is no incremental operating budget impact. There is no incremental impact to the life cycle reserve study over the next 25 years.

ENVIRONMENTAL CONSIDERATIONS

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

#9

**STAFF AWARD REPORT**

| | |
|--------------------------|---|
| To: | Andy Taylor, Chief Administrative Officer |
| Re: | 085-T-21 - Elevator Upgrade at 8100 Warden Avenue |
| Date: | April 29, 2021 |
| Commission / Department: | Corporate Services, Sustainability & Asset Management |

BID INFORMATION

| | |
|---------------------------------|----------------|
| Bids closed on | April 21, 2021 |
| Number picking up bid documents | 7 |
| Number responding to bid | 4 |

BACKGROUND

The purpose of project is to upgrade the elevator at 8100 Warden Ave. as per life cycle and to comply with the latest TSSA requirements. The work will be completed by September 30, 2021.

RECOMMENDATION

| | | |
|--------------------------------|--|---|
| Recommended bidder | Quality Allied Elevator (lowest priced bidder) | |
| Current budget available | \$116,306.00 | 270-101-5399-20065 8100 Warden Facility Repair and/or Replacement Projects |
| Less cost of award | \$148,060.80 \$ 14,806.08 \$162,866.88 | Cost of award Contingency 10% Total Award (incl. HST impact) |
| Budget remaining | (\$46,560.88) | |
| Budget available for shortfall | \$ 46,560.88 | 270-101-5399-20065 (HVAC ccomponent) |
| Remaining budget | \$ 0.00 | |

The shortfall of \$46,560.88 was mainly due to:

1. Initial cost estimate did not include site specific scopes. The original hydraulic cylinder (installed in 1985) of the elevator was installed directly in the soil without any protection but current TSSA code requires the cylinder to be installed with protective plastic casing.
2. Changes in TSSA code requirements, where additional electrical and HVAC upgrades in the machine room are required in order to maintain temperature and humidity levels to manufacturer's specifications.

Staff considered various options and recommends to proceed with full scope of work immediately based on latest condition assessment and safety risks. The shortfall will be funded by the budget of another component (replacement of HVAC coils and exhaust fans, budget \$77,500.00) within the same Project #20065. The HVAC coil work is recommended for deferral to 2023 by consultant in order to combine with associated control upgrades. The remaining budget of \$30,939.12 (\$77,500.00 - \$46,560.88) will be returned to source.

OPERATING BUDGET AND LIFE CYCLE IMPACT

There is no incremental impact to the operating budget. The existing elevator service contract will be revised, since Quality Allied will provide maintenance service for one year upon project completion. The Life Cycle Reserve Study will be adjusted accordingly.

ENVIRONMENTAL CONSIDERATIONS

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