



REPORT FOR ACTION CONTRACT AWARD

Contract Award of Construction Tender Number 5000-249 for Electrical Lighting Upgrades at Municipal Car Parks 11 (21 Pleasant Boulevard) and 286 (51 Dockside Drive)

Date: September 3, 2019
To: Board of Directors, Toronto Parking Authority
From: Acting President, Toronto Parking Authority
Wards: 10, Spadina-Fort York and 12, Toronto-St. Paul's

RECOMMENDATIONS

The Acting President, Toronto Parking Authority recommends that:

1. The Board of Directors of Toronto Parking Authority authorize the President, Toronto Parking Authority, to award the construction contract for the electrical lighting upgrades at Municipal Car Parks 11 (21 Pleasant Boulevard) and 286 (51 Dockside Drive) to Rumble Electric Co. Ltd., having submitted the lowest bid and meeting all specifications in conformance with the construction tender requirements, in the amount of \$952,675 plus \$22,325 as a contingency allowance, being the sum total amount of \$975,000 net of all taxes and charges.

FINANCIAL IMPACT

The amount to award the construction contract for the electrical lighting upgrades for Municipal Car Parks 11 and 286 is \$952,675 plus \$22,325 as a contingency allowance, being the sum total amount of \$975,000 net of all taxes and charges.

Funding for this work is included in the Approved Toronto Parking Authority (TPA) 2019 Capital Budget, allocated under Captor Numbers CPK299-01 and CPK372-07 (total allocated budget amount of \$1,200,000).

CALL SUMMARY

A tender package including all technical requirements, material and labour for the electrical lighting upgrades was prepared by SNC Lavalin Inc., as previously approved by Purchase Order Number 37954 issued in September, 2018.

SNC Lavalin Inc. tendered the work on behalf of TPA to eight (8) pre-qualified electrical contractors on August 12, 2019. A mandatory pre-tender meeting was held on August 14, 2019 with four (4) out of the eight (8) pre-qualified contractors. The call closed on August 28, 2019 and two (2) bids were received and considered as listed below in ascending order.

Table 1: Summary of Bids Received (net of applicable taxes)

General Contractors	Amount	Percentage
Rumble Electric Co. Ltd.	\$952,675	100
Beckett Electrical Inc.	\$1,073,610	113

COMMENTS

Municipal Car Park 11 is located at 21 Pleasant Boulevard (nearest intersection is Yonge and St. Clair). The above-grade garage has 6-1/2 levels of parking (Levels A to G), with the top level being exposed roof level parking. The lowest level, Level A, is at ground level and directly above the Toronto Transit Commission (TTC) subway tunnel. Access to the garage is from Pleasant Boulevard and Rosehill Avenue, east of Yonge Street. This municipal car park provides 557 parking spaces. The main incoming Hydro service is rated at 800 Amp, 240/416 Volt, 3-phase, 4 wires. The TPA main switchboard is located in the electrical room on the Ground level adjacent to the north-east ramp leading up to the next level of the parking garage. The existing diesel generator is located on the same level and in the same general area. In 2006, two types of fixtures were installed in the garage: 100W Med Base Metal Halide Lamps and 59W HO 8'-0" T8 fluorescent lamps. The roof level contains fixtures with 150W high pressure sodium lamps mounted on light poles. The majority of the areas are not adequately illuminated with lighting levels less than TPA lighting standard requirements.

Municipal Car Park No. 286 is located at 51 Dockside Drive (Lower Sherbourne Street and Queens Quay East). The below grade parking garage has three level (levels P1 to P3). Access to the garage is off of Knapp lane. This municipal car park provides 307 parking spaces. The parking facility was built in 2011. The normal lighting circuits in the garage levels are fed from electrical panel 'P1S', 'P2S' and 'P3S' located in electrical rooms at each Parking Level. Panels are rated at 250Amp, 347/600Volt, 3 phase, 4 wire, 42 circuits, Eaton model Pow-R-Line C PRL3a Panelboard. The emergency lighting circuits in the garage levels are fed from electrical panel 'LP-P2ES' located in the main electrical room. Panel is rated at 250Amp, 347/600 Volt, 3 phase, 4 wire, 42 circuits, Eaton model Pow-R-Line C PRL3a Panelboard. In general, the lighting in the parking facility utilizes fluorescent fixtures with T8 lamps. The majority of the areas are

not adequately illuminated with lighting levels less than TPA lighting standard requirements.

For both facilities, it is proposed to replace the existing lighting fixtures with LED fixtures to meet new design layout and TPA lighting standards including replacing and adding exit lights to meet present day code. This replacement program will also result in energy savings from power consumption and the reduction of operating costs with respect to routine maintenance. Applications will be made to "Save on Energy Retrofit Program" for Potential Incentives.

Attachment No. 1 to this report is the Consultant's Bid Review and Recommendations including a Bid Comparison providing details of the Tenders received.

- Rumble Electric Co. Ltd. submitted an acceptable Balanced Bid. With the exception of a typographical error, all calculations were found to be correct.
- All bidders visited the site and confirmed their understanding of the scope of work and prevailing conditions. The submitted bid complies with the tender and bonding requirements.
- The recommended bid is within the allocated 2019 Capital Budget.

Staff recommend awarding the construction contract to Rumble Electric Co. Ltd. based on the bid price, ability to complete the work in the prescribed time and the conformance to tender requirements.

CONTACT

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SIGNATURE

Robin Oliphant, Acting President
Toronto Parking Authority

ATTACHMENTS

Attachment 1: Consultant's Bid Review and Recommendations including a Bid Comparison