

THE CORPORATION OF THE CITY OF CORNWALL

Request for Proposal 20-P18 Supply and Installation of Play Structure and Engineered Wood Fibre for Aimé LeBlanc Park, Francis Guindon Park and the Benson Centre

Appendix A – Terms of Reference

The City of Cornwall invites innovative proposals, to maximize the \$60,000.00 budget per play structure for Aimé LeBlanc Park and Francis Guindon Park excluding HST and \$100,000.00 excluding HST for the Benson Centre for the excavation, design, supply, installation as well as the excavation, supply, delivery and installation of Engineered Wood Fibre as a protective surfacing zone that helps promote safe and active play. The play structure will be required to be installed in the spring of 2021. The Corporation will remove the existing play structure from Aimé LeBlanc Park and Francis Guindon Park. There is currently no play structure at the Benson Centre.

The Supplier will provide the following, consisting of the following components. All shall be completely installed and ready for use:

Site Preparations:

- Excavate or fill the site for play structure to a depth and area as required to ensure that the newly installed structure meets all facets of the most recent Canadian Standard for public play structures, CAN/CSA-Z614-14. Re-grade area to provide a safe and smooth soil surface. A minimum of four inches depth of topsoil shall form the finished surface. The City of Cornwall Parks and Landscape section will supply top soil (as required and at no cost) to the supplier, and picked up at Municipal Works Department, 1225 Ontario Street by the supplier. Loading will be done by the City of Cornwall and notification must be received by phone or email by the Municipal Parks Supervisor or designate from the supplier (minimum 2 hours notice) before pick up. Pick up times are Monday to Friday between 7am-11:30am, 12pm-3pm. The estimated quantity needed shall be provided by the supplier and approval given to City loader operator by the Municipal Parks Supervisor or designate before pick up.
- The City shall provide and apply grass seed upon acceptance of the project.

- Any ramp installation shall connect to the final grade.
- Grade shall be sufficiently elevated to ensure proper and full drainage from the Protective Surfacing material and the underlying granular material. A drainage line shall be installed and rundown slope to a point permitting natural drainage. Minimum grade fall shall be ¼ inch per foot.
- Supply, maintain, monitor and erect fencing to prevent the public from entering the work area until final inspection has been completed and approved by the Corporation.
- Arrange for all utility locates.

Aimé LeBlanc Park and Francis Guindon Park play structure requires:

1. Composite play structure

- For children aged 18 months to 12 years.
- Handicap accessible ramp (must be fully accessible and reach the border of the PSZ at grade upon completion).
- Solid Roofs to provide shading for SPF protection.

2. One separate spring rider for children aged 18 months to 5 years, to contain one seat.

3. Triple bay swing set(s) with two belt swings, two toddler swings and one Little Tikes blue special needs swing – part number 200203433 (as per the CAN/CSA-Z614-14 specifications). Belt and Tot swings seats with EPDM rubber/polymer blend using galvanized steel hardware. The special needs swing will be an Inclusive racing seat 8ft assembly with both the seat and yoke made of heavy-duty molded plastic.

4. The design of the play structure is not limited by any pre-existing border or the size or shape of the same. The play structure should be innovative and challenging. The layout needs to meet the standards and space requirements for CAN/CSA-Z614-14.

5. One litter container with a removal lid and liner (Dumor Model 87/w/DM-dome Top or approved equivalent) with good access for removal of garbage and one permanent installed 8' commercial grade park bench (Dumor model 58-802 or approved equivalent) anchored in concrete set to Ontario fencing installation standards for corner posts.
6. Geotextile filter cloth material and drainage materials as recommended by the EWF supplier of sufficient size and quality to separate the base drainage material from Engineered Wood Fibre (EWF) playground surfacing material and provide drainage as specified by the EWF supplier.
7. Repair kit per unit including proper tools to use for removing, installing u-bolts, carriage bolts, chains for swings and any other connecting device that forms a part of the structure.
8. Five extra bolts or other connecting device as found on the structure. 30 feet of additional chain for swings, one extra toddler swing.

Benson Centre play structure requires:

The Benson Centre is a multi-sport facility that opened in May 2011. The centre houses three NHL sized for ice hockey, ball hockey and lacrosse; an indoor soccer field used also for football; and indoor courts for tennis, badminton and pickle ball. The facility also offers special event rooms and offices for local sport organizations.

The Corporation is looking to enhance visitors experience by adding a wow-worthy playground to the centre. It is envisioned that the playground be customized and themed to fit the community of the City of Cornwall and the Benson Centre. The themed playground would include a composite play structure and stand-alone inclusive play structure(s) as per described below.

1. Composite play structure

- For children aged 18 months to 12 years.
- Handicap accessible ramp (must be fully accessible and reach the border of the PSZ at grade upon completion).
- Solid Roofs to provide shading for SPF protection.

2. One separate spring rider for children aged 18 months to 5 years, to contain one seat.
3. Triple bay swing set(s) with two belt swings, two toddler swings and one Little Tikes blue special needs swing – part number 200203433 (as per the CAN/CSA-Z614-14 specifications). Belt and Tot swings seats with EPDM rubber/polymer blend using galvanized steel hardware. The special needs swing will be an Inclusive racing seat 8ft assembly with both the seat and yoke made of heavy-duty molded plastic.
4. At minimum one stand alone inclusive play structure. The Corporation is interested in adding a movable feature that is wheelchair accessible and have room for up to 2 regular size wheelchairs and seating space for caregivers. Proponents may also suggest other types of inclusive play structures for consideration.
5. The design of the play structure is not limited by any pre-existing border or the size or shape of the same. The available footprint for the playground is approximately 4000 sq. ft. The play structure should be innovative and challenging. The layout needs to meet the standards and space requirements for CAN/CSA-Z614-14.
6. Litter container and park bench are not required for the Benson Centre.
7. Geotextile filter cloth material and drainage materials as recommended by the EWF supplier of sufficient size and quality to separate the base drainage material from Engineered Wood Fibre (EWF) playground surfacing material and provide drainage as specified by the EWF supplier.
8. Repair kit per unit including proper tools to use for removing, installing u-bolts, carriage bolts, chains for swings and any other connecting device that forms a part of the structure.
9. Five extra bolts or other connecting device as found on the structure. 30 feet of additional chain for swings, one extra toddler swing.

Conditions:

1. All play equipment must be designed, manufactured and installed in compliance with the CAN/CSA-Z614-14 Standard “Children’s Play Spaces and Equipment” document and subsequent amendments.

2. The colours should be a pleasing combination of yellow, blue, red coloured epoxy coatings. Benson Centre play structure colours are to be a combination of red, black, white and grey to match the facility.
3. The play structure must be accessible for children with disabilities for both entry and exit.
4. The play structure must be free standing.
5. The supplier will be responsible for clean up and removal of all packaging materials, other debris and any other markings on the play structure.
6. Any welding that is performed must be repainted with the original epoxy coatings.
7. All play equipment shall have a detailed warranty on all workmanship, parts and materials.
8. Engineered Wood Fibre (EWF) for use as a playground safety surface under and around playground equipment shall meet all the requirements of designation F2075 – 10a under ASTM International. The material shall also meet the requirements of Specification F1292. The supplier of the EWF shall provide copies of their records indicating that the requirements within the F2075 designation have been met, and copies of their records of independent testing indicating compliance with ASTM Standard F1292 specific to the relative shock absorbing properties of the material for Protective Surfacing. The EWF shall be compliant with Can/CSA-Z614 -2014 upon completion of installation.

The successful Proponent(s) will be required to supply, transport and install the wood fiber material and any other materials required as specified by the manufacturer, within the Protective Surfacing Zone (PSZ) for Aimé LeBlanc Park, Francis Guindon Park and Benson Centre listed in this RFP.

9. Pricing must be F.O.B. Cornwall, Ontario (Aimé LeBlanc Park, Francis Guindon Park and the Benson Centre).
10. The play equipment and installation must be safe in all respects, so as to prevent injury to children from rough edging, protruding bolts/nuts, loose fittings or unsecured/unstable components, free from defects, etc. **The**

successful Proponent(s) must provide an inspection report prepared by a “Canadian Certified Playground Inspector” who is independent of the supplier. The inspection report must indicate compliance with all aspects of Can/CSA-Z614-14 Standard “Children’s Play Spaces and Equipment”. Payment will not be made without the inspection report (performed by an independent CCPI) indicating full compliance in receipt with the City of Cornwall.

Proposed Project Schedule

Item	Date
Issue of RFP	September 30, 2020
Deadline for Questions	October 16, 2020
Deadline for Submission	October 30, 2020
Award of RFP	November 23, 2020
Project Commencement	Spring, 2021

Note: although every attempt will be made to meet dates as listed, the Corporation reserves the right to modify any or all dates at its sole discretion.