

FIONA CLEANUP 2023

BRUSH & TREE CUTTING TENDER

REQUEST FOR QUOTATION

**For the
Gaetz Brook Greenway**

A project by
SATA Trails Society
(SATA)



For more information, please visit

www.satatrails.ca

www.tctrail.ca Explore the Map to view this location of the trail.



March 2, 2023

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Timeline: Qualified parties are invited to submit a tender for **FIONA CLEANUP 2023 BRUSH & TREE CUTTING TENDER** as detailed below. Submissions may be made up to 5PM March 17th, 2023, by email to tenders@satatrails.ca along with scanning or photographing the price and signature page of this document.

Greenway Description:

The Gaetz Brook Greenway is an active transportation trail constructed in the abandoned rail corridor running between the East Chezzetcook Road (Highway #107 Exit 21) and the intersection of the 107 and no. 7 Highways in Musquodoboit Harbour. The Greenway is approximately 7 kilometres long, located nominally in the centre of the corridor, which is typically a 30-meter-wide Public Right of Way. The trail width is nominally 4 metres with cleared ditches on either side. The area between the ditches and the right of way boundary is primarily forested and was largely untouched during trail construction in 2019.

The right-of-way is owned and managed by the provincial NS Department of Natural Resources and Renewables. DNRR granted a Letter of Authority (LOA) to SATA Trails Society (SATA) a local registered and non-profit society. SATA is authorized to construct, maintain, and operate a multi-use, non-motorized recreational trail, and related facilities. The rail trail is sanctioned as part of the Trans Canada Trail.

Objective:

Hurricane Fiona caused considerable damage to the vegetation along the trail. There were hundreds of trees down across the trail. Soon after the storm, SATA contracted with a company to clear the trees from the trail surface and place the trunks beside the trail so that the trail

could be re-opened for use by the public. This work was successful, however there remains considerable work to complete the clean-up.

The objectives of the work described in this tender are to provide a safe and esthetically pleasing active transportation environment by:

- Removing leaning trees that are likely to fall on the Greenway and thus pose a risk to users.
- Resetting and/or removing uprooted stumps in the ditches along the trail surface.
- Removing debris and damaged trees from an area within 5 metres of each side of the trail edge.

Scope of Work:

The Supplier shall:

1. Fall, cut, and remove debris for trees that DNRR Forestry Tech has identified with orange or green flagging tape. See *Figure 1*.
2. Fall any **other** leaning or otherwise compromised trees that are at risk of falling such that any part of the tree is within 2 metres of the trail surface. Care must be taken to minimize damage to healthy trees. The bidder shall describe how they plan to meet this requirement to avoid damage to healthy trees. See *Figure 5, 6, 7 and 9*
3. Fall any leaning or otherwise compromised trees where any part of the tree would land within nominally 5 metres of the trail surface.
 - a. The base of the tree must be within the 30-metre right-of-way.
 - b. No part of the tree shall land outside the 30-metre right-of-way.
 - c. If falling the tree requires cutting otherwise healthy trees, then the tree should not be cut without first consulting with SATA's project manager.
 - d. The 5-metre requirement is a guideline. Adjustment should be made for trail topology such as tops of banks or slopes along the trail after discussion with SATA's project manager.
4. There are tree stumps several feet high adjacent to the trail, left from the initial cleanup work. These should be cut off close to the ground and the trunks disposed of per item 7 below.
5. Cut upended root balls from all trees within 5 meters of the trail. The cut should be made as closely as possible to the root ball. See *Figure 8*

6. Once the leaning trees are cut off the base of the root ball the stumps that are within 3 metres for the trail bed will be pushed back down to the ground or removed offsite. No root ball shall remain in place if it impacts the ditch or water drainage.
7. All wood that was cut during this contract or the initial clearing contract and is within 5 metres of the edge of the greenway shall be moved from that area as follows: See *Figure 4*
 - a. Logs and brush may be chipped, and the chips distributed as far back into the forest as is practical. It is important that the chips do not fall into any ditches.
 - b. Logs may be stacked to provide animal habitat.
 - c. Logs may be laid on the forest floor to decay.
 - d. Brush may be piled in small piles to provide animal habitat.
 - e. Logs and brush that are not chipped must be placed between the 5-metre line and the edge of the 30-metre right-of-way.
8. Repair the leaning privacy and fence along the Greenway near the western end of Pine Hill Dr. Figure 2 & 3
9. The privacy and attached three pole fences are close to the property line of the adjacent property. Access to the property has been given by land/homeowner to clean up fallen debris and complete erosion control work along and behind the fence. It was agreed to leave the cut wood for the land/homeowner. **Do Not** cut or remove any standing trees, even if dead in this section of the trail.
10. **Do Not** fall or cut any healthy or non-leaning trees unless they have been flagged with either green or orange tape.
11. **DO not** fall or cut any trees outside the 30 meter right of way. Right of way maybe but not always identified by old fence lines.
12. **Do not** fall or cut any remaining trees along the causeway. All cut or fallen trees must be removed off the causeway to complete cutting and/or chipping.

Terms and Conditions:

1. All machinery or vehicles accessing the trail shall be rubber tracked or rubber tires. The trail surface shall be repaired to original smooth and compacted state if damage is done due to operating machinery or vehicles while conducting work along the trail.
2. Do Not access the trail, via private roads, driveways, or lands unless permission has been given. The gates at intersections can be temporarily opened and must be closed at end of each workday. Treadway: There is clearance for a half ton truck to access.

3. Crossing any of the five bridges is not permitted by machinery or vehicles over 6 metric tons. Heavier machinery or vehicles will have to turn around or back in.
4. When small trees or shrubs are cut, the remaining 'stem' or stumps are to be cut across and close to the ground to prevent a hazard to the public.
5. Branches of cut tree trunks to be cleanly trimmed flush to the tree trunk bark.
6. In areas near adjacent residents, unless marked by DNRR, tree cutting will be selected and approved by SATA's Project Managers.
7. The contractor shall work co-operatively and consult regularly with SATA Project Managers and Directors, (who are volunteers) and provide project updates also associating with officials from NS DNRR.
8. Place warning signs indicating work on the trail is taking place, construction ahead, using bright red, yellow or orange pylons on the ground. The contractor must block public access to the trail section(s) where work is taking place while work is underway or at any time when the section(s) are unsafe for public access.
9. The contractor shall make their best efforts to leave the trail accessible to users by blocking off only small sections of the trail at a time, and by making the trail safe for use when they will be not working for weekends or other periods of time.
10. Contractor crews are to be aware of hunting seasons while working in the woods that requires operators to wear bright orange in wooded areas.
11. Protect the natural environment from unnecessary disturbance or contamination; contain gas and oil from leaking or spilling. Construction debris is to be cleaned up daily and disposed of in an environmentally correct and safe manner.
12. Workers Compensation, liability insurance, and any applicable taxes and permits are required and the responsibility of the Contractor. Please see below the requirement for proof of liability insurance, and Workers Compensation.
13. The Contractor and its employees shall not hold SATA liable for any mishaps, injuries, or death in relation to this work contract.
14. NS DNRR shall always have access to the work site checking that safety regulations are being met. They have the right to stop the project if in any violation of standards, regulations, safety, or technique guidelines.
15. Follow the Code of Practice for Tree Trimming in NS and the NS Forest Professional practices and safety precautions:

<https://novascotia.ca/lae/healthandsafety/docs/TreeCareGuidelines.pCdf>

<https://novascotia.ca/lae/healthandsafety/docs/ForestProfessional.pdf>

Safety Requirements:

1. Have a safety plan in place; when cutting with chainsaw, have another person on site at all cutting times, with First Aid kit, communication cell phone.
2. Power Lines - Follow all cautionary and safety procedures for areas with NS Power Lines.
3. Chainsaw operators must be experienced and have the NS Forestry Safety Society's Bucking Course, Chainsaw Certificate, and any requirements of NSDNRR.
4. Safety equipment appropriate to the task shall be always used.

Timelines:

Submissions may be reviewed by several parties involved in the project as well as SATA; this includes the Provincial; Municipal and Federal authorities review and as per any required funding criterion.

The quote and awarded bid will be based on the cost, meeting the attached terms and conditions described in this document, the project plan, schedule, resources, availability, as well as experience. If other terms or conditions become necessary, SATA may require additional contract agreement conditions prior or during this contract.

The Project Managers listed above may be contacted to discuss the project as required.

Project work cannot commence until after the signing agreement and a site visit with SATA's Project Managers.

Notwithstanding any of the above the lowest price or any tender may not be accepted. SATA reserves the right to accept none of the bids received, or multiple bids for different Greenway sections.

Invoice and Payments

Bidders are invited to submit a milestone payment schedule based on work/activities completed and approved. SATA will submit the invoices to the Provincial Disaster Assistance Fund for payment and will pay the supplier invoice upon receive of the funds.

Tender Submission:

Please include with the bid, page 8 of the tender document, and the following required information:

1. At a minimum, please submit a letter on company letter head noting the title of the project the proposed work plan, timelines with start and end dates, types of equipment, proposed work crew, experience with similar projects, project manager, contractor's business details and the proposed costing.
2. Proof of Commercial General Liability Insurance, including a sudden and accidental pollution component, evidencing limits of not less than \$2 million 3rd party liability. The successful bidder will be required to name SATA Trails Society as an additional insured.
3. Proof of Worker's Compensation coverage letter that Contractor is paid and up to date.
4. Bidders are invited to submit prices for any or all the sub section(s), and/or the complete Greenway.
 - a. 0 – 4 Kilometres section
 - b. 2 – 4 Kilometres section (includes privacy fencing and erosion control area)
 - c. 4 – 7 Kilometres section
 - d. 0 – 7 Kilometres section

Fiona Cleanup 2023 Tender Submission Form

0 – 4 Kilometres section		2 – 4 Kilometres section (includes privacy fencing and erosion control)	
Estimated days to complete cleanup		Estimated days to complete cleanup	
Subtotal quote cost	\$	Subtotal quote cost	\$
HST	\$	HST	\$
Total with HST	\$	Total with HST	\$

4 – 7 Kilometres section		0 – 7 Kilometres section (Complete Trail)	
Estimated days to complete cleanup		Estimated days to complete cleanup	
Subtotal quote cost	\$	Subtotal quote cost	\$
HST	\$	HST	\$
Total with HST	\$	Total with HST	\$

It may be possible to remove some logs to help recover costs. The bidder is invited to provide an amount by which the bid price can be reduced if they are permitted to remove logs.

**Fiona Cleanup 2023 Tender Contract Approval Form
(Completed by SATA at contract award)**

The Contractor agrees to the above conditions and scope of work as described above.

The Contractor agrees to the above conditions and scope of work as described above and has examined the site of the Work and hereby agrees to supply all labour, materials, equipment, tools, and incidentals to complete the Work for the price quoted.

_____ (Contractor to print, sign and date)

The Shore Active Transportation Association (SATA) give permission for

_____ to carry out the project outline described above.

The Contractor agrees to complete the work described above for the firm fixed price provided below.

0 – 4 Kilometres section Total including HST \$ _____

2 – 4 Kilometres section Total including HST \$ _____

4 – 7 Kilometres section Total including HST \$ _____

0 – 7 Kilometres section Total including HST \$ _____

(Contractors Signature)

(Signature of signing officer SATA)

(Signature of signing officer SATA)

(Date)

(Witness)

Contractors Address, Phone Number and Email:

_____.

Tenderer's Tax Registration No. _____



Figure 1



Figure 2



Figure 3



Figure 4



Figure 5

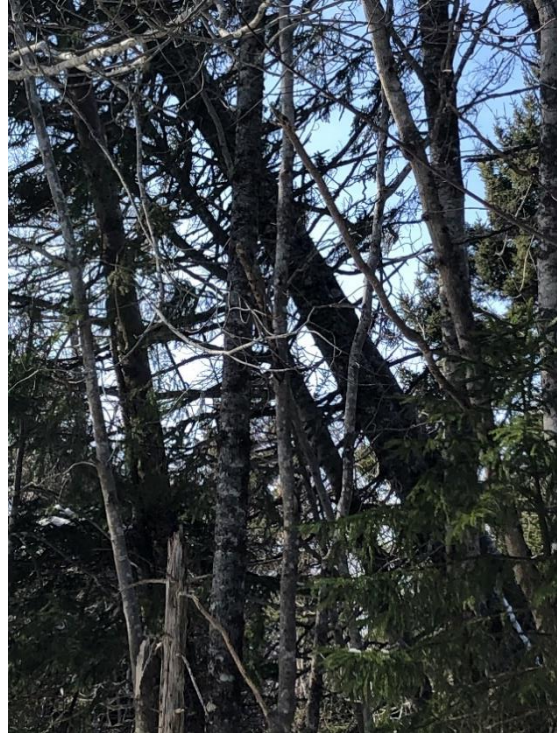


Figure 6



Figure 7



Figure 8



Figure 9