

Matinenda Dock Headwall Reconstruction
THE CORPORATION OF THE TOWN OF BLIND RIVER
PROJECT NO. 22-0659

MUNICIPALITY



CONSULTANT



Figure 1 - Project Site

MATINENDA DOCK HEADWALL RECONSTRUCTION

Matinenda Dock Head Wall Reconstruction

QUOTATION FORM

THE CORPORATION OF THE TOWN OF BLIND RIVER

PROJECT NO. 22-0659

Owner: The Corporation of the Town of Blind River

Engineer: TULLOCH.

Location: Matinenda Public Boat Launch, Blind River, ON

Quotations will be received in sealed envelopes clearly marked “**Project No. 22-0659 Matinenda Dock Head Wall Reconstruction**” and addressed to the CAO/Clerk, at the Corporation of the Town of Blind River Municipal Office at 11 Hudson St., Blind River, ON, until **2:00 pm, local time, Thursday March 28th, 2024**, for the Matinenda Dock Head Wall Reconstruction. Electronic submissions are acceptable and are to be submitted katie.scott@blindriver.ca and copied to pam.walsh@blindriver.ca and info@blindriver.ca. Quotations will be opened publicly at 2:15PM at the Municipal Office.

All questions during the tendering period must be submitted to the Engineer in writing via email, prior to **12:00pm on Thursday, March 21st, 2024**. No such communications are to be directed to anyone other than the Engineer as follows.

Matt Kirby, P.Eng, Project Manager

TULLOCH

Email matt.kirby@tulloch.ca

The Engineer will issue all responses as soon as possible after receipt, however no later than **4:30pm on Monday, March 25th, 2024**. Responses will be via addendum posted on the Town of Blind River website. No oral interpretation will be effective to modify any provision of the Contract Documents.

CONDITIONS OF QUOTATION

1. The bidder shall submit their Quotation on the “**Quotation & Acceptance**” by inserting unit prices for each item and completing the item amount based on the estimated quantity. The bidder shall sum the item amounts including \$15,000.00 for contingency for the subtotal and adding 13% HST for the Total Cost.
2. The lowest or any quotation will not necessarily be accepted by the Owner. The Owner reserves the right to make corrections to calculations including the extension of the estimated

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quantity and the tendered unit price; a discrepancy in addition or subtraction in a tender. The Owner reserves the right to waive formalities at their discretion.

3. The Contractor is to provide a deposit in the form of a certified cheque in the amount of 10% of the quotation value, payable to the Corporation of the Town of Blind River. The successful bidder will be required to provide confirmation of insurance and WSIB Certificate of Clearance prior to construction start. The deposit will be retained by the Owner as a security guarantee that the contractor will complete the project. The cheque will be released to the contractor upon successful completion of the work. The construction is to take place within a four-week work window between either May 22nd, 2024 – June 26th, 2024, or August 19th, 2024 – September 15th, 2024.
4. The quoted price will remain open for acceptance by the Owner for a period of thirty (30) days.
5. The Ontario Provincial Standards - General Conditions of Contract, November 2019 apply to this contract.
6. Drawing “22-0659 - Mateninda Docking Head Wall Replacement – Feb. 29, 2024 – Issued for RFQ” are included as part of the quotation documents.
7. The contractor shall arrange for buried utility locates and inform the Consultant of any potential conflicts with the work prior to starting excavation work.
8. Contractor shall notify the Town/Consultant of intention on mobilizing to site two (2) weeks in advance such that adequate notice can be posted on the Towns website and circulated around the community.
9. Working area is to be fenced off while construction operations are underway/ongoing. The Contractor shall remain responsible for the security of the site.
10. Upon commencement of the work the Contractor shall have 20 consecutive Working Days to complete all work prior to the Contract Completion Date.
11. The Contractor guarantees completion of the Matinenda Dock Headwall Replacement project by either June 26th, 2024 or August 19th, 2024. A penalty clause of \$1000/day will be deducted from the quoted price for each day the work remains uncompleted after the specified end date of either work window that is chosen by the contractor.
12. General Liability Insurance shall be in the name of the Contractor with the Owner and Engineer named as additional insured with a limit of not less than \$5,000,000.00 per occurrence for bodily injury, death, and damage to property with a property damage deductible of not more than \$10,000.00.

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13. The quotation includes the contingency sum of \$15,000.00 and that no part of this sum shall be expended without the written direction of the Engineer, and any part not so expended shall be deducted from the final quotation price.
14. Payment will be made to the contractor on completion of the work. Payment at the unit prices bid for each item shall be full compensation for all labour, equipment, and materials to do the work. Payment will be subject to a 10% statutory holdback in accordance with the Construction Lien Act. Payment will also be subject to a warranty holdback of 3% for one year as a guarantee of the proper performance of the work.
15. The Contractor is to complete construction in accordance with the conditions indicated within this Quotation Document and the applicable Ontario Provincial Standards.
16. All damages to surrounding property shall be repaired to the satisfaction of the Town of Blind River and the Consultant.
17. The Engineer may supervise all the work to the extent of ensuring the fulfillment of the contract and the completion of the work in accordance with the plans and specifications.
 - A. The Engineer shall determine the quantities of the several kinds of work which are to be paid for under contract and determine all questions relating to the said work and construction thereof. The Engineer shall in all cases decide every question which may arise relative to the performance of the contract, and his estimate and findings shall be final.
 - B. The Engineer shall, within a reasonable time, render a decision on all claims by the Contractor and all questions which may arise relative to the performance of the work, or the interpretation of the contract. The Contractor shall at all times and at his own expense furnish all reasonable aid and assistance required by the Engineer or any Inspector for the proper inspection and examination of the work or part thereof.
 - C. The Contractor, at his own expense, shall furnish samples for testing when required and shall furnish all reasonable facilities for the inspection of the material and workmanship. The contractor shall obey the directions and instructions of any Inspector and they shall be made in writing at the request of the Contractor.
 - D. Notwithstanding any inspection that the Corporation might carry out, the failure of the Engineer or the Inspector to condemn or object to any defective work or material shall not constitute a waiver of any specifications of the approval or acceptance of such defective work or material and, except as otherwise provided herein, the contractor shall be and

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remain liable for such defective work or material and any loss, costs, charges, or expenses in connection therewith.

- E. Should the Contractor become insolvent or at any time refuse to or neglect to supply sufficient properly skilled workers or materials of the proper quality, or fail in any respect at any time to prosecute the work with promptness or diligence, or fail in the performance of any agreements herein contained, such refusal, neglect, or failure being certified by the Engineer, the Owner shall be at liberty after three days written notice to the Contractor to provide any such labour or materials, and to deduct the cost thereof from any money then due under the contract or thereafter to become due under the contract to the Contractor. If the Engineer should notify the Owner that such refusal, neglect, or failure is sufficient grounds for such actions, the Owner shall also be at liberty to terminate the employment of the Contractor for said work and to enter upon the premises and take possession for the purpose of completing the work under the contract, all materials, tools, and appliances thereof and employ any other persons to furnish the work.

In case of any discontinuance of the employment of the Contractor, they shall not be entitled to receive further payments under the contract until the said work will be wholly finished, at which time, if the unpaid balance of the amount to be paid under the contract shall exceed such unpaid balance the Contractor shall pay the difference to the Owner. The expense incurred by the Owners as hereinafter provided either for furnishing materials or for finishing work, and any damage incurred through such default shall be audited and certified by the Engineer whose certificate shall be conclusive upon all parties.

18. The Contractor shall be responsible for the management and disposal of all excess excavated materials from the works. Concrete shall remain the property of the Town shall be delivered to the Town's Boom Camp Road Pit and stockpiled where indicated by the Town's Foreman. Concrete will not be accepted at the Town's landfill. Excess native materials shall be delivered to the Town of Blind River Municipal Landfill located at 1182 Highway 17 and left in a neat and uniform manner.

The Contractor must discuss with the Town Foreman in advance to identify the locations for disposal at the landfill site, and materials shall be levelled and left in a neat and uniform manner acceptable to the Town Foreman. Upon completion of the hauling, or at any time deemed necessary by the Owner or Contract Administrator, the delivered materials shall be piled-up with a front-end loader or equivalent to minimize occupied space. End dumped piles will not be considered as satisfactory permanent stockpiles.

At a minimum, the Contractor will be responsible for tracking all truckloads of material with time, date, stationing and receiving location information, based on truck box measurements. Other tracking measures may be required to ensure compliance with the regulations and will

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be the responsibility of the Contractor. The Contractor will also be responsible for securing the applicable property release forms in accordance with the regulations and OPSS.MUNI 180.

19. All material that does not meet specifications, as determined by the Engineer, will be rejected, and must be removed and replaced. This shall be done at the Contractor's expense.
20. TULLOCH will provide QA Material Testing, on behalf of the Owner, however the Contractor will be responsible for coordinating all required testing with TULLOCH's site inspector or TULLOCH's Materials Testing Lab in Sault Ste. Marie. In addition, any inefficiencies on the part of the Contractor, ie. cancelled testing, excessive delays or standbys, small test batches, or failed testing which will require retesting, will be the responsibility of the Contractor and the associated costs will be retained by the Owner from monies owed to the Contractor.
21. The Contractor shall prepare significant lengths of work requiring concrete testing so to not be incurring testing costs for small concrete pours. Testing costs for small pours that are avoidable will be retained by the Owner from monies owed to the Contractor. The Contractor shall also be responsible for completing their own QC testing per OPSS.
22. The Ontario Provincial Standard Specifications (OPSS) and Ontario Provincial Standard Drawing (OPSD) listed below and those referenced therein form part of the Contract Documents. Specifications can be downloaded at the web site address:
<https://www.raqsa.mto.gov.on.ca/techpubs/ops.nsf/OPSHomepage>

Ontario Provincial Standard Specifications

OPSS Vol.	Standard No.	Abbreviated Title	Date
100	7	General Conditions of Contract	NOV 2019
102	7	Weighing of Materials	NOV 2018
127	7	Rental Rates for Construction	APR 2023
180	7	Management of Excess Material	NOV 2021
314	7	Granulars	NOV 2023
351	7	Concrete Sidewalk	NOV 2021
491	7	Preservation & Protection of Existing Facilities	NOV 2017
492	7	Site Restoration	NOV 2020
501	7	Compacting	NOV 2014
510	7	Removals	NOV 2018
904	7	Concrete Structures	NOV 2023
919	7	Formwork and Falsework	NOV 2021
1001	8	Aggregates, General	NOV 2021
1002	8	Aggregates, Concrete	NOV 2013

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1010	8	Aggregates, Base & Backfill Material	NOV 2013
1301	8	Cementing Materials	NOV 2018
1302	8	Water	NOV 2019
1308	8	Joint Filler in Concrete	NOV 2019
1315	8	White Pigmented Curing Compounds for Concrete	NOV 2021
1350	8	Concrete – Materials and Production	NOV 2023

Ontario Provincial Standard Drawings

<u>OPSD NO.</u>	<u>ABBREVIATED TITLE</u>	<u>REVISION</u>
310.010	Concrete Sidewalk	3

23. Item Specific Specifications Applicable to This Project

ITEM 1 MOBILIZATION & DEMOBILIZATION

SCOPE

This item is for the mobilization and demobilization to and from the work site.

CONSTRUCTION

The Contractor will mobilize the equipment and materials to the site to allow the completion of the project. At the completion of the project the Contractor will demobilize from the site removing all excess materials and repairing all disturbed areas. There will be some parking spaces at the Matinenda Marina for the Contractor to create a small laydown area.

MEASUREMENT FOR PAYMENT

There will be no measurement for payment. Payment will be by lump sum. A payment of 60% will be made for mobilization and 40% for demobilization.

BASIS OF PAYMENT

Payment at the contract price for the above quotation item shall be full compensation for all labour, equipment, and material to do the work.

ITEM 2 REMOVAL OF EXISTING SIDEWALK

SCOPE

This item is for the work to remove the existing cast in place concrete sidewalk.

REFERENCES

MATINENDA DOCK HEADWALL RECONSTRUCTION

The requirements of OPSS.MUNI 180 and OPSS.MUNI 510 shall apply to this item.

CONSTRUCTION

The Contractor shall remove all of the existing concrete sidewalk, where indicated on the contract drawings, to facilitate the new sidewalk installation.

Concrete is the responsibility of the Contractor for disposal; however, concrete will also be accepted at the Town's Boom Camp Road Pit. Concrete will not be accepted at the Town's landfill.

MEASUREMENT FOR PAYMENT

There will be no measurement for payment. Payment will be by lump sum. A payment of 100% will be made when all the concrete sidewalk has been removed from the site.

BASIS OF PAYMENT

Payment at the Contract Price for the above tender item shall be full compensation for all labour, equipment and material to do the work.

ITEM 3 REMOVAL OF EXISTING HANDRAIL

SCOPE

This item is for the removal of existing handrail at areas detailed in the Contract Drawings.

REFERENCES

The requirements outlined in OPSS.MUNI 180 shall apply to these items.

CONSTRUCTION

All existing railings to be removed and disposed of at the Town's landfill.

The Contractor shall be responsible for the management and disposal of excess material in accordance with OPSS.MUNI 180 and Condition 19.

MEASUREMENT FOR PAYMENT

There will be no measurement for payment. Payment will be by lump sum. A payment of 100% will be made when all the handrails have been removed from the site.

BASIS OF PAYMENT

MATINENDA DOCK HEADWALL RECONSTRUCTION

Payment at the Contract Price for the above referenced tender items shall be full compensation for all labour, equipment, and materials to do the work.

ITEM 4 REMOVAL OF EXISTING BACKFILL

SCOPE

This item is for the completion of the excavation related to sidewalk and retaining wall construction.

REFERENCES

The requirements outlined in OPSS.MUNI 180 shall apply to the Item Removal of Existing Backfill.

CONSTRUCTION

Existing walkway granulars shall be removed fully prior to the removal of the existing retaining wall.

The Contractor shall be responsible for the management and disposal of excess excavated materials. Excess material shall be managed in accordance with OPSS.MUNI 180 and Condition 19.

MEASUREMENT FOR PAYMENT

There will be no measurement for payment. Payment will be by lump sum. A payment of 100% will be made when all the existing backfill material has been removed from the site.

BASIS OF PAYMENT

Payment at the Contract Price shall be full compensation for all labour, equipment, and material to do the work.

ITEM 5 INSTALLATION AND SUPPLY OF NEW BACKFILL

SCOPE

This item is for the supply and installation of new backfill behind the new retaining wall.

REFERENCES

The requirements outlined in OPSS.MUNI 314 & 501 shall apply to the Item Removal of Existing Backfill.

CONSTRUCTION

MATINENDA DOCK HEADWALL RECONSTRUCTION

Existing walkway granulars shall be removed fully prior to the removal of the existing retaining wall.

The Contractor shall be responsible for the management and disposal of excess excavated materials. Excess material shall be managed in accordance with OPSS.MUNI 180 and Condition 19.

MEASUREMENT FOR PAYMENT

There will be no measurement for payment. Payment will be by lump sum. A payment of 100% will be made when all the backfill is installed and prepared for the placement of the new concrete sidewalk. The quantity of installed backfill will be tracked through the weight of the backfill used by the contractor on site.

BASIS OF PAYMENT

Payment at the Contract Price shall be full compensation for all labour, equipment, and material to do the work.

ITEM 6 REMOVAL OF EXISTING HEADWALL

SCOPE

This item is for the removal of the existing headwall timbers at the dock locations. A turbidity curtain shall be installed along the work area to prevent any debris or disturbances from creating excess turbidity in the lake. The Contractor shall determine if a sandbag cofferdam is required to prevent any potential for sediment or material from entering the waterbody.

CONSTRUCTION

All existing headwall timbers are to be removed and disposed of according to the Town's requirements.

MEASUREMENT FOR PAYMENT

There will be no measurement for payment. Payment will be by lump sum. A payment of 100% will be made when all the existing headwall timbers have been removed from site.

BASIS OF PAYMENT

Payment at the Contract Price shall be full compensation for all labour, equipment, and material to do the work.

ITEM 7 INSTALLATION OF NEW HEADWALL

SCOPE

MATINENDA DOCK HEADWALL RECONSTRUCTION

This item is for the installation of the new timber headwall. The work is to be done in the dry and may require the use of temporary coffer dams.

CONSTRUCTION

Supply and placement of headwall timbers shall be completed in accordance with the provided design drawings.

MEASUREMENT FOR PAYMENT

There will be no measurement for payment. Payment will be by lump sum. A payment of 100% will be made when the headwall installation is completed at each dock location.

BASIS OF PAYMENT

Payment at the Contract Price shall be full compensation for all labour, equipment, and material to do the work.

ITEM 8 REMOVAL OF EXISTING RETAINING WALL

SCOPE

This item is for the removal of the existing retaining wall timbers. The work is to be done in the dry and may require the use of temporary coffer dams.

CONSTRUCTION

All existing retaining wall timbers are to be removed and disposed of according to the Town's requirements.

MEASUREMENT FOR PAYMENT

There will be no measurement for payment. Payment will be by lump sum. A payment of 100% will be made when the existing timber retaining wall is removed from the site.

BASIS OF PAYMENT

Payment at the Contract Price shall be full compensation for all labour, equipment, and material to do the work.

ITEM 9 SUPPLY AND INSTALLATION OF NEW RETAINING WALL

SCOPE

This item is for the installation of the new retaining wall timbers. The work is to be done in the dry and may require the use of temporary coffer dams.

MATINENDA DOCK HEADWALL RECONSTRUCTION

CONSTRUCTION

Supply and placement of retaining wall timbers shall be completed in accordance with the provided design drawings.

MEASUREMENT FOR PAYMENT

There will be no measurement for payment. Payment will be by lump sum. A payment of 100% will be made when all of the retaining wall timbers have been placed and the new backfill placement is complete.

BASIS OF PAYMENT

Payment at the Contract Price shall be full compensation for all labour, equipment, and material to do the work.

ITEM 10 SUPPLY AND INSTALLATION OF NEW CONCRETE SIDEWALK

SCOPE

This item is for the construction of the concrete sidewalk.

MATERIALS

Concrete shall be according to OPSS.MUNI 1350, with a minimum specified 28-day compressive strength of 32 MPa, Class C-2 Exposure. Coarse aggregate for the concrete shall have a nominal maximum size of 19 mm. Wet curing must be completed for a minimum of 3 days.

Expansion joint filler material shall be asphalt impregnated fiberboard having a minimum of 12mm thickness and shall be according to OPSS.MUNI 1308, Type A.

CONSTRUCTION

The Contractor shall construct concrete sidewalks at the location, width and thicknesses specified in the Contract Documents.

Formwork shall be according to OPSS.MUNI 919

Concrete sidewalk width shall match the existing sidewalk width.

MEASUREMENT FOR PAYMENT

Measurement for payment for the item shall be by area in square meter of concrete sidewalk installed. There will be no measurement for excavation and granular as this is included elsewhere.

BASIS OF PAYMENT

MATINENDA DOCK HEADWALL RECONSTRUCTION

Payment at the Contract Price for the above referenced tender items shall be full compensation for all labour, equipment, and materials to do the work, including supply and installation of sidewalk reinforcing.

ITEM 11 SUPPLY, FABRICATION, AND INSTALLATION OF RAILING SYSTEM

SCOPE

This item is for the supply and installation of the new hot dipped galvanized railing system at locations detailed in the Contract Drawings. Provisional pricing (P2) is to be included for a painted coating option.

MATERIALS

The materials are to be supplied as detailed in the Contract Drawings. The railing is to be a DN50 STD Pipe railing system as detailed in the Contract Drawings. The railing system is to be hot dipped galvanized.

CONSTRUCTION

Supply and placement of new railing system shall be completed in accordance with the provided design drawings.

MEASUREMENT FOR PAYMENT

There will be no measurement for payment. Payment will be by lump sum. A payment of 100% will be made when the installation of the new handrail is complete.

BASIS OF PAYMENT

Payment at the Contract Price shall be full compensation for all labour, equipment, and material to do the work.

ITEM P1 SUPPLY AND INSTALLATION OF SANDBAG COFFERDAM AND WATER REMOVALS

SCOPE

This item is for the supply and installation of a sandbag cofferdam and water pumping to have the work zone dry during construction.

MATERIALS

The materials are to be supplied as detailed in the Contract Drawings.

CONSTRUCTION

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Supply and placement of cofferdam is to be one to maintain the work area dry and to prevent sediment from entering the lake during construction.

MEASUREMENT FOR PAYMENT

There will be no measurement for payment. Payment will be by lump sum. A payment of 100% will be made when the installation of the new retaining wall and headwalls is completed and the coffer dam has been removed.

BASIS OF PAYMENT

Payment at the Contract Price shall be full compensation for all labour, equipment, and material to do the work.

ITEM P2 INSTALLATION OF RAILING SYSTEM

SCOPE

This item is for the supply and installation of the new railing system with a painted coating at locations detailed in the Contract Drawings.

MATERIALS

The materials are to be supplied as detailed in the Contract Drawings. The railing is to be a DN50 STD Pipe railing system as detailed in the Contract Drawings. The railing system is to be hot dipped galvanized.

CONSTRUCTION

Supply and placement of new railing system shall be completed in accordance with the provided design drawings.

MEASUREMENT FOR PAYMENT

There will be no measurement for payment. Payment will be by lump sum. A payment of 100% will be made when the installation of the new handrail is complete.

BASIS OF PAYMENT

Payment at the Contract Price shall be full compensation for all labour, equipment, and material to do the work.

MATINENDA DOCK HEADWALL RECONSTRUCTION

QUOTATION AND ACCEPTANCE

No.	Item	Estimated Quantity	Units	Unit Price	Item Amount
1	Mobilization & Demobilization	Lump Sum			\$
2	Removal of Existing Sidewalk	10.52 m²	Lump Sum		\$
3	Removal of Existing Handrail	13.75 m	Lump Sum		\$
4	Removal of Existing Backfill	4.6 m³	Lump Sum		\$
5	Supply and Installation of New Backfill	4.6 m³	Lump Sum		\$
6	Removal of Existing Headwalls	6.40 m long, 0.9 m high	Lump Sum		\$
7	Installation of New Headwalls	6.40 m long, 0.9 m high	Lump Sum		\$
8	Removal of Existing Retaining Wall	11.0 m long, 0.9 m high	Lump Sum		\$
9	Supply and Install of New Retaining Wall	11.0 m long, 0.9 m high	Lump Sum		\$
10	Supply and Install New Concrete Sidewalk	10.52 m²			\$
11	Fabricate, Supply, and Install of New Railing System	13.75 m	Lump Sum		\$
12	Contingency	Lump Sum			\$ 15,000.00
CONTRACT VALUE					\$
HST (13%)					\$
TOTAL QUOTATION PRICE					\$

Definitions:

m – Linear Metres, m² – Square Metres, m³ - Cubic Metres, ea - Each

ADDENDA

We agree that we have received addenda ____ to ____ inclusive, and the contract value price includes the provisions set out in such addenda.

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ALTERNATIVE ITEM (Optional)

No.	Item	Estimated Quantity	Units	Unit Price	Item Amount
P1	Supply material and labour for the installation of sandbag cofferdam and water pumping/removals necessary to have work zone dry during construction.	20 m	Lump Sum		\$
P2	Installation of Railing System (Substitute galvanized railing system for a painted railing system)	13.75 m	Lump Sum		\$

In calculating the Contract Value, do not include the alternate item pricing. During evaluation, should the owner choose to accept it the alternative item, the Owner will update the contract value, which may result in a change to the bid submission cost rankings.

MATINENDA DOCK HEADWALL RECONSTRUCTION

The undersigned herein offer to supply necessary materials, equipment, and labour to complete at the Matinenda Lake Boat Launch in Blind River, ON at the stipulated Total Quotation Price of:

_____ (\$_____). (HST Included)

We accept all conditions of Quotation and the Completion Date as set out herein.

Contractor shall indicate who they are utilizing for material supply for the following items:

- Timbers and Preservative Treatment _____
- Galvanized Steel Railing System _____
- Concrete Supply _____

We are Planning to complete the works during the _____ (first/second) work window presented. Contractor shall circle the “first” for the work window of May 22nd, 2024 through June 19th, 2024 or “second” for the work window of August 19th, 2024 through September 15th, 2024.

Offered By:

Company Name: _____

Signature: _____

Date: _____

Corporate Seal
(If applicable)

Accepted By:

The Corporation of the Town of Blind River on this _____ day of March _____, 2024.

Mayor

CAO/Clerk