



Chippewas of Nawash Unceded First Nations Water Service Line Connections Request for Quotes (RFQ)

1. GENERAL INFORMATION

The Chippewas of Nawash Unceded First Nation (CNUFN) is located in southwestern Ontario in the Bruce Peninsula, 21.8 km north east of the Town of Wiarton and approximately 52.6 km north of the City of Owen Sound. It is bordered on the north, east and south by Georgian Bay and by Grey Bruce County to the west. The First Nation currently has a total band membership of approximately 2,749 members, 754 of which reside on the reserve.

The CNUFN is governed by a Chief and nine Councillors. The Chief and Council are elected pursuant to the Indian Act, for two-year terms, on odd years. A number of community based programs and services are provided to the community members under the authority of the Chief and Council. These include a Public School, Daycare, Health and Social Services, Employment and Training, Lands, Membership, Economic Development, Water, Roads Housing, Communications, Police, Fire, and Waste Management.

The Reserve occupies a total area of 15,451 acres. The majority of this land base is dominated by the Bluffs (15,000 acres) which form the western boundary. The Community is serviced by paved roads (34.8 km), gravel roads (16.15 km) and earth roads (0.60 km) and partially serviced by water lines (51.55 km) and sewer/wastewater lines (0 km).

The nearest major transportation route, Provincial Highway #6, runs north from Wiarton up the Bruce Peninsula to Tobermory.

2. PURPOSE

To provide CNUFN Quote to make Water Line Service Connections to residences as described in the Scope of Work.

3. OBJECTIVE

To have a certified Plumber make Water Line Service Connections to residences and buildings as described in the Scope of Work.

4. SCOPE OF WORK

The objective of this Scope of Work (SOW) is to provide details for the installation of service connections to individual buildings from the end point of the new installed service connections as part of the Distribution System Upgrade Project.

As part of the "Chippewas of Nawash Water Treatment System Project", Distribution System Upgrade aims to address the fire flow deficiency, repair and replacement of existing watermains and expansion of the distribution system into areas of future growth for Chippewas of Nawash Unceded First Nation (CNUFN).

Through the hydraulic analysis performed during the conceptual design phase, water services were identified as a significant source of leakage within the distribution system. As such, all water services within the system were identified as requiring replacement.

The Distribution System Upgrade Project (Project) current scope includes the “*Installation of new service lines and replacement of old ones (approx. 296 no. in total)*” from the watermain to 1 m outside of the building. **This SOW provides description for the works beyond this point outside of the existing building and connection to the existing service with approved material.**

4.1. GENERAL

Works Covered by Contract Documents

1. The description of the work contained within this document including the supply of all labour, materials, equipment and incidentals to perform service connection to the existing plumbing system located at Chippewas of Nawash Unceded First Nation.
2. The Contractor is to procure and facilitate the installation of the water connections.
3. The scope of the work is to be used in conjunction with the existing conditions of each building.
4. CNUFN reserves the right to accept or reject any or all submissions without explanation.

Contract Method

1. The unit price bid shall represent the Contractor’s complete costs to supply and install the service connection from the end point of the newly installed service line from the watermain to the existing plumbing inside the building in accordance with the SOW. All unit prices bids must allow for the requirements stipulated below and all components of the work which include excavation, removal and disposal of the existing service, granular, backfilling and compaction in addition to supply and placement of all necessary materials, fittings and couplings, and connections to existing service.
2. Water services shall be measured horizontally from the end of the new service connection point to the reconnection with the existing service within the building. No allowance shall be made for additional appurtenances or fittings necessary to carry out this work.
3. The Contractor Use of Premises: The contractor is to maintain a clear and unobstructed access to the work site.
4. The Contractor must abide by the standards and work guidelines,
5. Site Location: CNUFN shall provide a list of existing buildings for each service connection.

Safety

1. Any excavation work for water services shall be carried out in accordance with, but not limited to, the regulations of the Occupational Health and Safety Act for Construction Projects and Regulations for the Province of Ontario and all other rules and regulations governing this type of work, in particular, the Contractor shall ensure that his forces comply with the Regulations governing work in excavations (i.e., trench box, shoring, etc.) and confined spaces, as well as in the proximity of high voltage hydro, telecommunications lines and gas mains (if present).
2. The Contractor is responsible for ensuring proper protection of personnel, property and owners for the duration of the project. All work is to be carried out in accordance with national and local standards, guidelines, codes, bylaws and regulations. Where applicable, the Contractor shall ensure that the latest edition of the regulations, standards, and guidelines are adhered to.
3. The Contractor shall be responsible for their own safety program and safety practices.
4. The Contractor shall communicate with the building owner to coordinate the works inside the building in advance by providing a minimum of 48 hours notice to the occupants. This coordination will be carried out by the Contractor. CNUFN may provide support with communicating homeowners after the Contractor provides a 2-week look-ahead plan.

Mobilization / Demobilization / Site Control

1. The Contractor is responsible for obtaining and maintaining all necessary permits, approvals and inspections for the authorities having jurisdiction.
2. The Contractor is to attend a project notification and meeting prior to the start of construction in order to review site conditions, the scope of work, safety and other related issues with CNUFN and Consultant(s).
3. The Contractor is to ensure that the construction site has been tidied up and properly cleaned at the completion of connections to the satisfaction of CNUFN and building owner. The contractor shall assume that tools, equipment and supplies cannot be stored within the building.

Schedule

1. Service line connections are planned to be carried out from where the watermain and service connections (up to 1m of homes) are completed. The Contractor shall schedule the works to start from the completed sections of the main Contractor's works. CNUFN shall award the service connection installation works by the end of December 2023
2. The Contractor is to schedule work to minimize interruptions to existing services.
3. The Contractor is to collaborate with the main Contractor and notify CNUFN and affected home-owners a minimum of 48 hours in advance of service interruptions.

Communications

1. The Contractor shall establish a transparent communication protocol to fully coordinate with CNUFN during the execution of the project.
2. All communications to and from the Contractor shall go through CNUFN and its authorized representative(s). The Contractor shall not take any instruction from other stakeholders (building owner(s), Main Contractor, Design Consultant, etc.) unless otherwise instructed.

4.2. SERVICE CONNECTION

General

OPSS 441, Special Provision 17, and related Special Provisions apply except as amended or extended herein.

This item shall be used for:

1. Supply and installation of water services to existing homes from 1 m outside of the existing building and connection to the existing service with approved material.
2. Replacement of any existing poor material (i.e., farm grade, etc.) connection and/or services less than 19mm diameter. CNUFN should be notified immediately when poor material and/or lead services are encountered. The Contractor shall then notify the homeowner of the type and condition of their existing water service.
3. Replacement of any existing water service(s) where they conflict with proposed works, from the new watermain boundary to the existing watermain or as required to be replaced due to its condition, as determined or directed by CNUFN.
4. Prior to commencement of any work, the Contractor is advised to record and photograph existing conditions which shall be changed as a result of this work. Provide photos to show conditions of foundation walls, walkways, etc.
5. Prior to installation of service connections to individual homes, the Contractor must conduct a pre-installation inspection of the area where the work is to be performed inside and outside the building to document existing infrastructure conditions using photographs and/or videos. A copy of this inspection report must be submitted to the CNUFN soon after inspection completion.
6. Post installation of the service connections, the Contractor must conduct an inspection accompanied by CNUFN and building owner(s) to document the final condition of the area where work was performed. Any damages resulting from the work performed during service connection installation must be repaired in kind by the Contractor at no additional cost.

Materials

1. All materials and equipment shall be new (in current production and not discontinued) and shall be applied, installed, connected, erected, used, cleaned and conditioned in

accordance with the instructions of the applicable manufacturer, fabricator, supplier or distributor.

2. Services shall be 19mm (3/4") diameter, type 'K' soft copper tubing, to ASTM B88 Standards, unless otherwise directed by CNUFN. Pipe tubing shall be homogeneous throughout, free of voids, cracks, inclusions, and other defects.
3. All couplings and adaptors shall be bronze one-piece combination nut and tail, compression type stainless steel insert and must conform to AWWA Standard C800 and ANSI/NSF Standard 61 compliant LXI water works brass.

Installation

1. For the unit price per each, the Contractor shall include the cost-of-service connection pipe from the newly installed service from the watermain up to the tie-in point inside the building including all fittings and connections.
2. Pipe penetration for service connection installation shall be hydraulically sealed prior to commissioning. Pipe insulation shall be installed for section of water service line located in the crawl space. For residences without crawl space or basement, the service connection pipe should be connected to the existing line upon approval from CNUFN.
3. The service connection installations inside the residence must be completed on the same day with watermain service connection to minimize water service interruption.
4. All service connections shall include a backflow preventor, pressure reducing valve and shut-off valve (ball valve) in an accessible location inside the building. Contractor to ensure that the pressure reducing valve is installed at user end after the backflow preventer.
5. All residential service fittings shall be compression copper connections.

Surface Restoration

1. The Contractor shall be responsible for restoring surfaces to their original grade and condition as determined during the pre-installation inspection of the area where the work is to be performed inside and outside the building and as directed by CNUFN. The Contractor shall be responsible for all labour, materials and equipment to restore all disturbed areas equal to, or better than their original condition.

5. DELIVERABLES

Completed Waterline Service Connections to identified buildings and approved for use by the Chippewas of Nawash WTP Supervisor (ORO).

6. ROLES & RESPONSIBILITIES

- The Captial Manager and WTP Supervisor (ORO) will receive the quotes and provide Council with a summary based on the required quote elements along with the quotes for Council review and discussion; and make arrangements for presentations by the consultants to Council should Council so elect.

- Chief and Council approve the Request for Quotes-Terms of Reference, and award the contract to the successful candidate
- The Captial Manager and WTP Supervisor (ORO) will be available to meet with the contractor as required
- The Chippewas of Nawash WTP Supervisor (ORO) will review all connections and provide final approval for connecitons completed prior to their entry into service

7. QUOTE

The applicants shall provide a quote for Waterline Service Connections to be completed by a certified plumber on a per structure basis, inclusive of all materials and labour required to complete connections and be approved for service by the Chippewas of Nawash WTP Supervisor (ORO).

- a) Proposed payment schedule (The contractor shall not be paid for submitted invoices until the Chippewas of Nawash WTP Supervisor (ORO) has approved the connections for use in the Water Distribution System)
- b) Weekly invoices to be submitted by the contractor for connections completed and approved for use by the WTP Supervisor (ORO)

8. COPYRIGHT AND PROJECT DOCUMENTS

The information, both written and intellectual, produced in this project is considered to be the property of the CNUFN Council, and the Contractor shall not use any documents or information that result from this project without the written permission of the CNUFN Council. Further the Contractor shall treat all information that results from this study, both written and verbal, in strict confidence.

9. QUOTE SELECTION

The Council may award a contract based on the criteria laid out below:

- a) Experience with First Nations and satisfactory performance on similar projects
- b) Proposed Schedule for Project
- c) Project Methodology
- d) Schedule of Fees and Total Estimated Project Cost
- e) Where a First Nation member has tendered for a contract or such, and where a difference not exceeding 10% varies between First Nation member and outsider, at the discretion of the Council, the First Nation member can be awarded the contract

10. PRIVILEGE CLAUSES

The CNUFN may at its sole discretion, reject or retain for its consideration quotes which are non-conforming because they do not contain the content or form required.

Notwithstanding any other provision in the Request for Quotes or practice or custom in the industry, CNUFN shall have the right to:

- a) Accept any Quote or part thereof.
- b) Reject any Quote.
- c) Reject all Quotes.
- d) Accept a Quote which is not the lowest Quote

Any person who submits a Quote shall be deemed to have agreed to the restrictions in the Request for Quote documents, including the privilege clauses.

11. SUBMISSION

Quotes, hard copy or electronic will be accepted up to 4:00 p.m. December 20, 2023. All quotes should be marked clearly and forwarded, as follows:

Chippewas of Nawash Unceded First Nation Administration
Re: RFQ - Waterline Service Connections
135 Lakeshore Blvd
Neyaashiingaamiing
Ontario N0H 2T0

Or to:

Michael Earl
Senior Administrative Officer
sao@nawash.ca
Re: RFQ - Waterline Service Connections

All inquiries in regard to the above, may be directed to the Senior Administrative Officer or WTP Supervisor (ORO):

Telephone: 519-534-1689
e-mail sao@nawash.ca
wtp.supervisor@gbtel.ca