

PART 2 – SUPPLEMENTARY SPECIFICATIONS

1. SCOPE OF WORK

- .1 This Tender is for plowing, sanding and snow removal along Municipal Sidewalks listed in Table 1 below for a period of October 1, 2014 to May 31, 2019. This project involves the provision of all labour, equipment, and materials necessary to plow, sand and remove snow all the listed sidewalks.

Community	Location	Description of Start and End Points	
Chester	Duke St.	Civic 55 Duke St.	Highway 3 Intersection
Chester	Duke Street	Pleasant Street Intersection	Water Street Intersection
Chester	Highway 3	Duke St. Intersection	Shoreham Village Crescent
Chester	Pleasant St.*	Duke St. Intersection	King St. Intersection
Chester	Queen St.*	Pleasant St. Intersection	Civic 53 & Union St. Intersection
Chester	Water St.	Duke St. & Water Lane Intersection	Civic 36 Water Street (Rope Loft)
Chester Basin	Highway 3	Bywater Lane Intersection	Civic 5415 Highway 3
Chester Basin	Corn Hill Road	Highway 3 Intersection	Highway 12 Intersection
Hubbards	Highway 3	Highway 329 Intersection	Fox Pt Front Road
Western Shore	Highway 3	Civic 6405 Highway 3	George Road

*both side of street or roadway

2. SCHEDULE

- .1 The Contractor agrees to provide snow plowing, sanding and snow removal services, as specified, for municipal sidewalks in the Municipality of the District of Chester, upon award of the Contract for the term of from October 1, 2014 to May 31, 2019.
- .2 See Part 3 Technical Specifications, Section 2 - Service Specifications.

3. WORKPLACE ACCESS

- .1 The Contractor will be permitted access to all municipal sidewalks as conditions warrant.

4. SECURITY

- .1 No tender security is required.

5. BONDING

- .1 No contract performance bonding is required.

PART 3 – TECHNICAL SPECIFICATIONS

1. GENERAL REQUIREMENTS

.1 Scheduling and Coordination

1. The Contractor is to schedule the Work, and/or the delivery of equipment, and the storage of materials all upon prior approval of the Owner.

.2 Existing Site Conditions

1. The Contractor will carefully examine existing site conditions prior to the start of the Work, and notify the Owner of significant changes in such conditions from those identified in the Contract.

.3 Submittals

1. The Contractor will provide the Owner with all up to date information, certifications, qualifications and insurance pertaining to the project, for the life of the project.

.4 Quality Control

1. The Contractor will provide sufficient notice to the Owner for inspection of the Work, in whole or in part, in order to permit inspection by the Owner and confirm compliance with these Tender Specifications.

.5 Traffic Control and Barriers to Access

1. Where applicable to the Work, the Contractor will be responsible for provision of traffic control on public highways in accordance with the Temporary Workplace Traffic Control Manual as issued by the Nova Scotia Department of Transportation and Infrastructure Renewal.
2. Where applicable to the Work, the Contractor will be duly diligent in the protection of areas at the place of the Work normally accessed by Owner employees, other contractors or the general public, and with the prior approval of the Owner, will secure such areas, including erecting temporary controls and barriers to access.

.6 Substitutions and Alternatives

1. No substitutions of specified products, materials equipment and/or labour will be permitted by the Contractor, unless approval is obtained from the Owner, prior to execution of the Work, or respective portion thereof.

.7 Standards and Reference Documents

1. Standards and reference documents in effect at the time of Tender Closing referred to in these Tender Specifications are an integral part of the Contract.

.8 Use of Facilities

1. Use of facilities by the Contractor's employees or subcontractors' employees will be subject to prior approval of the Owner.

.9 Site Cleanup

1. The Contractor will maintain the site in a tidy condition free from the accumulation of waste products and debris.
2. The Contractor will remove all surplus Contractor-supplied products, tools, machinery and equipment upon completion of the Work.
3. The Owner will not give final acceptance of the Work until completion of cleanup.
4. All waste and debris is to be disposed of promptly and in accordance with local waste regulations.

2. SERVICE SPECIFICATIONS

.1 Snow Plowing

1. Snow plowing will be required after any single snowfall event greater than 5 cm. The Contractor is to commence with snow plowing operations within one (1) hour after the snowfall has ended, and shall have sidewalks substantially cleared within six (6) hours. In the event of a prolonged snowfall, the contractor is responsible to commence removal operations during the event.
2. The Contractor will clear snow from the entire width of the municipal sidewalks.
3. If deemed necessary by the Owner, the Contractor may be requested to plow snow along the municipal sidewalks, and Contractor will respond with four (4) hours of the request. The time to complete the work will depend on the level of service required, and therefore will be mutually agreed upon by both the Contractor and the Owner.
4. The Contractor shall take care when banking snow near driveways and intersections to maintain driver/pedestrian visibility.

.2 Sanding

1. Sand will be comprised of a sand salt mixture, containing a maximum salt percentage of 7 % (by weight).

2. Sand material to be employed by the Contractor for roadway sanding will conform to the following gradation:
 - a. 6.3 mm sieve – 100% passing
 - b. 2.0 mm sieve – 96% passing
 - c. 0.2 mm sieve – 5% passing
3. For snow falls less than or equal to 5 cm, the Contractor is required to evaluate the surface conditions, and apply sand as deemed necessary.
4. For snow falls greater than 5 cm, the Contractor is required to apply sand immediately following snow plowing.
5. In response to certain weather conditions or events, such as wet snow, freezing rain and sudden freezing, the Contractor is required to apply sand to provide traction, as deemed necessary by either the Contractor and or the Owner.
6. Sand will be applied evenly across the full width of the sidewalk.
7. The Contractor shall be responsible for the removal of any frozen clumps of sand deposited within the travelled surface.
8. If deemed necessary by the Owner, the Contractor may be requested to sand the municipal sidewalks, and Contractor will respond with four (4) hours of the request. The time to complete the work we depend on the level of service required, and therefore will be mutually agreed upon by both the Contractor and the Owner.
9. The contractor is also responsible for the removal of excess sand remaining on sidewalks within a reasonable length of time after the spring thaw.

.3 Snow Removal & Disposal

1. As per Council motion (2013-016), the Contractor shall remove snow from the areas specified by the Owner, after any single snowfall event equal to or greater than 15 cm. The Contractor is to commence with snow removal operations within forty eight (48) hours after the snowfall has ended. The time to complete the work we depend on the level of service required, and therefore will be mutually agreed upon by both the Contractor and the Owner.
2. If deemed necessary by the Owner, the Contractor may be requested to remove snow adjacent to the municipal sidewalks, and Contractor will respond within forty eight (48) hours of the request. The time to complete the work we depend on the level of service required, and therefore will be mutually agreed upon by both the Contractor and the Owner.
3. The Contractor shall arrange for transportation and disposal of the snow at location where written permission has been obtained and submitted to the Owner.

.4 Protection of Property

1. The Contractor is advised to be cognizant of the existing site conditions and in particular to the location and width of the sidewalks.
2. The Contractor will be responsible for any damage to the sidewalks, curbs, sod, signage, culverts, utility poles, manholes, or any other roadway infrastructure or physical structure. The Contractor will also be responsible for damage to private property including damage to mail boxes and solid waste collection carts. The Municipality reserves the right to withhold payment on the final billing to cover the estimated cost of damages caused by the contractor during snow and ice removal activities. If a hold back is deemed necessary, funds will be held until damages are reinstated to the satisfaction of the Municipality.
3. If damages are not reinstated to the satisfaction of the Municipality, within a reasonable length of time after the spring thaw, the contractor acknowledges that the Municipality may undertake the reinstatement and apply hold back funds against the cost of that reinstatement.

.5 Equipment

1. The Contractor will provide equipment of a type and in a quantity appropriate for the Work of Contract. The equipment to be used will be as listed in the Tender Form, and as approved by the Owner. All equipment must be registered for highway use as per requirements of the Motor Vehicle Act and Regulations. All equipment must be equipped with suitable controls, plows, safety mechanisms, lights, for adequate visibility, heater, wiper system, and tires to permit it to work in snow and ice conditions during the winter.
2. The Contractor will be responsible for the proper operation and maintenance of their snow plowing and spreading equipment. All equipment is to be prepared for use during normal periods of snowfall.
3. The Contractor will ensure that all roadway operators and equipment are properly licensed and meet all the requirements of the Nova Scotia Motor Vehicle Act.
4. Approval of equipment proposed by the Contractor for use in providing the snow plowing and ice control service will be at the sole discretion of the Owner, and will be subject to inspection by the Owner, at regular intervals. No equipment will be employed at any time during the Work, which has not been approved for use by the Owner, in conformance with these Specifications.

6. Fuel, Maintenance and Labour Supplied

1. The Contractor will supply operators to operate the equipment assigned to execute the Work. The operator will be suitably qualified per the Supplementary Specifications, at

all times. No operator will be employed to operate the Contractor's equipment, who has not been approved by the Owner, in conformance with these Specifications.

2. The Contractor will be responsible for the supply of all necessary fuel, lubricants, repairs and maintenance, materials and labour for the equipment.

.7 Common Service Limitations

1. Service specification apply during normal periods of snowfall, which is considered to November 1 through to April 30. Service standards may not be followed in response to a severe weather events outside these dates.
2. The Contractor cannot guarantee that the sidewalks will be cleared to base concrete or asphalt pavement.
3. In the case of multiple snowfalls in short succession, significant blowing snow or snowfall events greater than 20 cm, the likelihood that the service standards may not be achieved increases.
4. Moving snow from the sidewalk onto private property is prohibited unless the Contractor has obtained written permission from the property owner.
5. The Contractor cannot be held responsible for snow placed on the sidewalk by an individual or organization.
6. The Contractor cannot be held responsible for snow that is inadvertently placed or accumulates in private driveways as a result of snow plowing.

.8 Notice

1. The Contractor shall provide specified services to the Owner within the time frames specified by the Owner.
2. In the event of the service not being available within the time frames specified, the Owner may at their sole discretion, hire another contractor to provide the specified service.
3. If the Contractor cannot provide the specified service for a second or additional requests, the Owner may:
 - a. Hire another contractor to provide the specified service for a period of time, at the Owner's discretion, and/or
 - b. Terminate the Contract.
4. The Owner reserves the right to pursue the Contractor for any additional costs incurred in hiring another contractor to provide the specified services, where the Contractor failed to provide the requested services.