To all Bidders of Tender T-MCC-2005:

The following addendum applies to this Tender and must be taken into account when preparing a submission.

1. **The replacement of GC11.2 in the supplementary specification has been removed. Contract security is to be provided as per sections 00 72 45 and 00 73 00 of the Standard Specification. A revised supplementary specification has been included in this addendum.**

Delete Section 00 74 00 and replace with the attached.

End of Addendum 1

INTENT

.1 Construct the Work of this Contract in accordance with the Standard Specifications for Municipal Services as developed by the Nova Scotia Road Builders Association and the Consulting Engineers of Nova Scotia Joint Committee on Contract Documents, except as modified herein.

.2 These Supplementary Specifications modify the specification sections to which they refer.

.3 The Supplementary Specifications take precedence over the Standard Specification to which they refer.

SECTION 01 10 00: GENERAL REQUIREMENTS

Delete Subsection 2 – SUMMARY OF WORK and replace with the following

2. SUMMARY OF WORK

.1 Miners Memorial Drive is a local street located in Springhill, NS. This project includes the supply and replacement of the culvert that crosses Miners Memorial Drive, supplying and installing a second culvert downstream from the first culvert to allow for vehicle traffic between parking lots, construction of a drainage channel, adjustments to the sanitary system, and the expansion of the existing gravel parking lot, as well as adjusting and realigning the existing walkway bridge.

.2 The Work includes obtaining all necessary approvals and permits from the appropriate regulatory bodies as well as any associated costs, and compliance with all approvals and permits.

.3 The Work includes all traffic control and detours as per the Municipality of Cumberland requirements and Nova Scotia Department of Transportation and Infrastructure Renewal (NSTIR) Temporary Workplace Traffic Control Manual.

.4 The Work includes the construction of the channels to connect the culverts and to connect to the existing ditch.

.4 The Work includes erosion control, protection and reinstatement of all disturbed areas to pre-construction condition or better.

.5 The Work includes coordination with utilities for location of any existing infrastructure and alteration of this infrastructure.

.6 The Work includes shoring and relocation of utility poles and anchors, as needed.

.7 The Work includes provision of record information to include a coordinated record survey (to a geodetic datum) to include physical features, inverts of water main, pipes and culverts.

.8 The Work is subject to approval by Nova Scotia Environment.

Add the following to Subsection 12 – TRAFFIC CONTROL:

12. Traffic Control

.6 Provide access to all properties during work.
.7 Prior to any street closures, a Traffic Control Plan MUST be provided to the Municipality a minimum of one week before work commences. The traffic control plan must conform to the NSTIR Temporary Workplace Traffic Control Manual and show all street closures and detour routes and be signed off by the Paving Contractor and/or traffic control contractor.
.8 Collector and local streets may be blocked off during contract work provided any commercial business or emergency service vehicles have continual access from at least one direction.
.9 Provide and maintain all necessary street closure and detour signage. Failure to comply with these requirements will result in the Municipality shutting work down until the traffic control requirements are fully complied with.

Section 01 22 00: MEASUREMENT AND PAYMENT

Delete GENERAL and replace with the following:

GENERAL

1. Unit prices shall be full compensation for the work necessary to complete each item in the Contract and in combination for all work necessary to complete the Work as a whole.

2. For every item, include all of the following as required where individual quantities are not provided in the Tender Form: mobilization, demobilization, traffic control, assistance to the Engineer, coordination with all utilities, environmental protection, protection of existing trees, reinstatement and all incidentals.

3. For water, sanitary sewers, and storm sewer systems include all of the following as required where individual quantities are not provided in the Tender Form: environmental protection, protection of existing trees, clearing and grubbing, common and rock excavation, shoring (pipes, utility poles, banks, etc.), dewatering, protection and shoring of existing pipes and infrastructure, bedding, backfilling, compaction, disposal of surplus material, disposal of unsuitable material, importation of material, joint restraints and thrust blocks, thrust anchors, testing, flushing and disinfection, dechlorination, marker stakes, tracer wire, reinstatement, shop drawings, manhole and catchbasin frames, covers, and grade adjustment rings, and all incidentals.

4. All measurement shall be along a horizontal plane unless otherwise indicated.

5. The numbers of the items described below correspond to the numbers of the items in Section 00 41 43, subsection 4 – Schedule of Quantities and Unit Prices.

Add the following subsections:

8. Channel Construction

Unit of Measurement: metre (m)

Method of Measurement: Along centerline of channel.

This item includes: Construction of proposed channel including placement of materials, shaping, compaction, removal and disposal of existing culvert and surplus fill, and all incidentals.

9. Geotechnical Inspection

Unit of Measurement: Lump Sum (L.S)

This item includes: Provision of on-site inspection and testing by qualified geotechnical field personnel. All excavation, backfill, Karst topography cavern reinstatement (if required), material placement, bedding, asphalt and concrete placement to be inspected. All inspections to be certified by a professional engineer (licensed to practice in NS) that the works completed are in accordance with the project specifications and industry standards.

10. Field Data Collection and Record Information

Unit of Measurement: Lump Sum (LS)

This item includes: field collection of survey data of the constructed works, preparation of point files, red line markup of drawings, and provision of all record information to the Municipality.

SANITARY SYSTEM

Delete subsection 21 and replace with the following:

21. Gravity Pipe

Unit of Measurement: metre (m)

Method of Measurement: along centreline of pipe through manholes.

This item includes: removal and disposal of existing sanitary sewer infrastructure (such as mains and manholes), supply and installation of pipe complete with all fittings, insulation, sleeves, excavation, removal and disposal of surplus and/or unsuitable material, bedding, backfill, any associated environmental protection, and any other work or materials shown on the drawings not included in any other pay item.

STORM SYSTEM

Delete subsection 37 and replace with the following:

37. Culverts

Unit of Measurement: metre (m)

Method of Measurement: along centreline of pipe.

This item includes: removal and disposal of existing culverts, supply and installation of new precast concrete culvert, cut off walls, boulders, armour rock (surge rock), rip rap, plunge pools, boulders, reinstatement of all disturbed areas (including, but not limited to, gravels, asphalt, sidewalk, and landscaped areas), any required stream flow diversion around the work area using a pump, environmental protection, protection of existing trees, clearing and grubbing, common and rock

excavation, shoring, dewatering, protection and shoring of existing pipes, utility poles, and infrastructure, bedding, backfilling, compaction, removal and disposal of surplus material, removal and disposal of unsuitable material, importation of material, traffic control, shop drawings, record survey, all other work as shown on the drawings, and all incidentals.

37.3 2100mm Concrete Culvert Entrance

Unit of Measurement: each

This item includes supply and installation of eccentric concrete reducer as shown in the project drawings including excavation, bedding gravels, compaction, disposal of unsuitable material, disposal of surplus material, shop drawings, all incidentals, and reinstatement.

Add new subsection as follows:

76. Street Signs

Unit of measurement: each (ea)

This item includes: supply, placement and installation of street signs with concrete bases including removal and disposal of existing street signs and bases.

Add new subsection as follows:

77. Crusher Dust Trail Extension

Unit of measurement: metre (m)

Method of Measurement: Along centreline of trail.

This item includes: excavation, disposal of surplus materials, supply, placement and compaction of crusher dust gravel (50 mm minimum thickness) and type 2 gravel (min 150mm) at 1.8m wide as indicated.

Add new subsection as follows:

78. Reconfiguration of Pedestrian Bridge/Walkway

Unit of measurement: Lump Sum (LS)

This item includes: excavation, placement, and attachment of the existing pedestrian bridge, as well as the supply and installation of the concrete blocks to secure the bridge to as well as reconfiguration of the existing concrete block supports. Supply, placement and compaction of infill and pathway structure as indicated, grading to match into existing pathway.

Add new subsection as follows:

79. Repair of Existing Channel

Unit of measurement: Lump Sum (LS)

This item includes: excavation, removal and disposal of surplus material, supply and placement of filter fabric and rip-rap at existing wash-out locations, compaction, shaping of channel, coordination with the Municipality, and all incidentals. The extents of the replacement are approximately 30 metres of washed out channel between the Pit Pond spillway and Miners Memorial Drive.

Add new subsection 90 as follows:

90. Environmental Measures:

Unit of Measurement: Lump Sum (L.S.)

This item includes: supply and installation of all environmental protection measures required to complete the project works, including all erosion and sedimentation control measures as reviewed and approved by NSE. This item also includes any required temporary water (stream) control and diversion measures, including cofferdams, sheeting, shoring, pumping, dewatering, and temporary works, needed to complete the project works, as reviewed and approved by NSE.

*******End of Section 00 74 00*******