Part 1 General

1.1 REFERENCES

.1 Canada Labour Code, Part 2, Canada Occupational Safety and Health Regulations.

.2 Health Canada/Workplace Hazardous Materials Information System (WHMIS):

.1 Material Safety Data Sheets (MSDS).

.3 Nunavut Safety Act, R.S.N.W.T. 1988, c-S-1 most recently amended and in force June 19, 2016.

.4 Nunavut Occupational Health and Safety Regulations, R-003-2016, most recently amended and in force June 19, 2016.

1.2 GENERAL REQUIREMENTS

.1 The Contractor shall hold the responsibility of Prime Contractor, as described in the Nunavut Safety Act, and shall be solely responsible for construction safety, ensuring compliance to the Safety Act and Regulations.

.2 Perform site specific safety hazardous assessment related to project.

.3 Develop written site-specific Health and Safety Plan based on hazard assessment prior to commencing any site Work and continue to implement, maintain, and enforce plan until final demobilization from site.

.4 The Contractor shall file a New Operations & High Hazard Work notice for the Works with the Workers' Safety and Compensation Commission (WSCC) prior to commencement of Work. Submit relevant documents to City Representative, providing indication that notice has been submitted. The Contractor will not be allowed to commence construction activities until notice has been filed and acknowledged by WSCC. Failure to submit a notice and provide record of such communication to the City Representative prior to the start of Works will not be considered sufficient reason for an extension of Contract Time and no claim for extension by reason of such default will be allowed. The New Operations & High Hazard Work notice must be posted at the construction site as per requirements of the Safety Act.

.5 Meet or exceed the latest revision of all Local, Federal, Territorial laws, regulations, standards, and industry best practices relating to health and safety.

.6 Be solely responsible for safety of the Work under this Contract and for complying with and ensuring that every person on the Site complies with the requirements contained within the Contract Documents and regulatory requirements.

.7 Perform the Work, or ensure that it is performed, in a manner to avoid risk of injury, security or damage to persons or property, adjacent property, or environment.

.8 Provide safe access, egress, and equipment in accordance with Occupational Health and Safety Regulations for entry into all areas by the employees, subcontractors, City, and Consultant. Where hazardous areas or confined space entry exists, implement procedures

defined by the latest revision of the applicable Occupational Health and Safety Regulations or the Electrical Code.

.9 Prior to the commencement of the Work, review and become fully familiarized with all Local, Territorial, and Federal regulatory requirements and the following documentation:

.1 Nunavut's Safety Act and applicable regulations.

.2 Nunavut's Workers' Compensation Act and applicable regulations.

.3 Nunavut's Environmental Protection Act and application regulations.

.4 Canadian Electrical Code.

.5 Contract Documents.

.10 The Contractor shall be solely responsible for construction safety for this Contract and for complying with and ensuring that every person on the Site complies with the measures and requirements contained in:

.1 Nunavut's Safety Act and applicable regulations.

.2 Nunavut's Workers' Compensation Act and applicable regulations.

.3 Nunavut's Environmental Protection Act and application regulations.

.4 Canadian Electrical Code.

.5 Contract Documents.

.11 In event of a conflict between any provisions of the above authorities, the most stringent provision shall govern.

.12 Provide and maintain first aid, hygiene, washrooms, potable water, and fire protection equipment at the Site in accordance with the applicable regulatory requirements. The Contractor shall designate trained employees to be in charge of first aid on the Site.

.13 Establish, maintain, and mark clear routes, paths and points for routine and emergency exit to, from and within the Site for personnel and vehicles.

.14 The Contractor shall erect signs relating to safety on the Site, and signs or notices required by the applicable territorial and local regulations or by the Contract Documents.

.15 Erect signage acceptable to the City at all entry points to the Site to advise personnel entering the Site of the requirements respecting the use and wearing of personal protective equipment. And the Contractor shall ensure compliance with these requirements.

.16 Erect signage acceptable to the City at all entry points to the Site to advise the employees, Subcontractors and other individuals entering the Site that:

.1 All personnel and employees on the Site are required to comply with safety policies, procedures and instructions of the Contractor.

.2 That any personnel failing to adhere to the safety policies, procedures and instructions of the Contractor may be removed from the Site and denied further access.

.17 The Contractor shall post warning signs at hazardous areas or where hazardous materials are stored and install protective barriers. The Contractor shall instruct personnel of proper safety procedures.

.18 The Contractor shall identify all areas which are considered to be hazardous locations and comply withal requirements of the Government of Nunavut Labour Standards Office.

.19 Smoking is not permitted in hazardous areas or other areas as designated by the City. The Contractor shall post "No Smoking" signs as required.

.20 The Contractor shall inspect the physical condition of the workplace at least weekly, or as often as required by territorial health and safety regulatory requirements, in order to ensure that the Work is performed safely and that the Site is maintained in accordance with the territorial regulatory requirements and the Contract Documents. The Contractor shall prepare and maintain a documented record of each inspection describing the scope of inspection and findings. Copies of all safety inspections shall be kept on Site and available for review by the City Representative.

.21 Safety equipment such as gas detection equipment for explosive or toxic gases or oxygen deficiency, fall protection devises, etc., shall be made available by the Contractor to the City Representative for the access to the site when required. The Contractor shall be responsible for the coordination of the multiple-party access to the hazardous and confined space on the Site.

.22 Ensure adequate coordination and communication between all parties on site in regard to safety.

.23 In addition to Occupation Health and Safety Act and applicable Regulations reporting requirements, report all incidents, near misses, spills, environmental damage, and property damage to the City Representative immediately within four (4) hours of the event. An incident investigation must be conducted, and a copy of the complete report provided to the City Representative within 24 hours.

.24 Ensure that all employees and subcontractors are competent, as prescribed by the applicable legislation, in performing the Work and have been trained on the Contractor's Site-Specific Health and Safety Plan and COVID-19 Mitigation Plan prior to starting Work on the Contract. The Contractor shall make available all training records for the City Representative's review.

.25 The Contractor shall ensure all workers that perform work be certified under the Trades and Qualifications and Apprenticeship Act for their specific work activity. No worker shall perform a type of work unless he/ she is certified to do so.

.26 The Contractor shall appoint a competent person, as defined by the Safety Act, as a supervisor.

.27 The Contractor shall appoint a Joint Health and Safety Committee or Occupational Health and Safety Representative, as defined by the Safety Act, for the project.

.28 The supervisor shall supervise the work at all times either personally or by having an identified assistant do so personally. The assistant must comply with all the same requirements that the supervisor is held to.

.29 The supervisor shall inspect the work site and equipment associated with the project at least once a week. A copy of the inspection report must be provided to the City Representative.

.30 The Contractor shall remove waste material and debris from the work site(s) to a disposal area at least once a day or more frequently if necessary, to prevent the creation of a hazardous condition.

.31 The Contractor shall ensure that a First Aid kit is provided and maintained on site at all times, in accordance with relevant health and safety regulations.

.32 The Contractor shall ensure that fire-extinguishing equipment is provided and maintained on site at all times, in accordance with relevant health and safety regulations.

.33 The Contractor shall ensure that all vehicles, machinery, tools and equipment used on the work site are operated and maintained in accordance with relevant health and safety regulations.

.34 The Contractor will be required to conduct weekly safety audits, in order to ensure compliance to the Site-Specific Health and Safety Plan. Safety Audit reports are to be submitted to the City Representative on a weekly basis.

.35 City Representative may respond in writing, where deficiencies or concerns are noted and may request re-submission with correction of deficiencies or concerns.

.36 Ensure applicable items, articles, notices and orders are posted in conspicuous location on site in accordance with Acts and Regulations of Territory having jurisdiction, and in consultation with City Representative.

1.3 SUBMITTALS

.1 The Contractor shall submit a Site-Specific Health and Safety Plan within seven (7) business days after the Award of the Contract, to address the requirements of the above referenced regulations and contract documents.

.2 A Site-Specific Health and Safety Plan must be in place prior to the start of construction activities. If a Site-Specific Health and Safety Plan has not been submitted prior to the start of the Works, the City Representative may issue a stop work order, until one is presented which meets the requirements of the regulations and contract documents. Failure to submit a Site-Specific Health and Safety Plan within the required timelines, which meets the requirements of the contract, will not be sufficient reason for an extension of Contract Time or additional compensation, and no claim for extension or additional costs by reason of such default will be allowed.

.3 The Contractor shall provide a health and safety plan which as a minimum will include:

- .1 A Site-Specific Health and Safety Management Plan, includes:
  - .1 Introduction, roles and responsibilities for:
    - .1 Site Supervisor
    - .2 Project Manager
    - .3 Site Safety Coordinator
    - .4 Site Workers
    - .5 Occupational Health and Safety Representative
    - .6 Joint Health and Safety Committee
  - .2 Contractor Project/ Contract Organizational Chart

.3 Training and certification of workers.
.4 Orientation for new works or visitors to site.
.5 Project hazard assessment and safety procedures.
.6 Safety meetings format and schedule.
.7 Site safety audits, inspections, and incident reporting.
.8 Workplace hazardous materials information.
.9 Tagging and lock out procedures.
.10 Confined space entry procedure.
.11 Work on or near live apparatus.
.12 Hot works procedures.
.13 Posting of information.
.14 Housekeeping.

.2 A Hazardous Identification Plan, includes primary environmental hazards, personal conduct and hygiene, potential hazards which include:
.1 Survey work in traffic.
.2 Physical.
.3 Working at heights.
.4 Fire and explosion.
.5 Confined space entry.
.6 Cranes, hoists, and rigging.
.7 Crane suspended personnel platforms.
.8 Biological.
.9 Stress and fatigue.
.10 Noise.
.11 Cold Weather.
.12 Wildlife
.13 Personal security.
.14 Adverse weather conditions.
.15 Other site activities.

.3 A Personal Protective Equipment Inventory, which includes:
.1 Requirements for all site personnel.
.2 Selection, maintenance and continual assessment.

.4 An Emergency Preparedness and Response Plan, which addresses:
.1 First aid.
.2 Fire protection.
.3 Critical injury.
.4 Accident or incident.

.5 A COVID-19 Mitigation Plan, which addresses:
.1 Isolation and quarantine.
.2 Social distancing.
.3 Hand washing and hygiene.
.4 Masks.

.6 The plan shall be reviewed by all works prior to the start of work. The Contractor must obtain sign-off from all workers providing acknowledgement that the plan has been reviewed.

.7 The plan shall be posted in a visible location on the work site prior to the commencement of any work.

1.4 CHEMICALS

.1 The Contractor must provide a list of all chemicals to be used on site and a copy of the Material Safety Data Sheet (MSDS) for each chemical to the City Representative prior to being brought onto the job site.

.2 The Contractor must ensure each chemical container brought on site is clearly labelled with the identity of the chemical, information for the safe handling of the chemical and the location of the MSDS.

.3 The Contractor must ensure adequate measures are taken to control the distribution, within the application area or throughout the building, of fumes/ vapours before applying flammable, noxious or volatile materials.

.4 The Contractor may be required to schedule the application of hazardous materials which might affect the well-being of any workers or disrupt work of other contractors and cannot be adequately controlled to prevent such occurrences to evening or weekend periods.

.5 The Contractor must ensure workers wear the required personal protective equipment (respiratory protection, protective clothing, hand protection, eye/face protection, etc.) when working with chemicals.

.6 The Contractor must ensure the safe use and disposal of all chemicals that they are using. No chemicals and/or chemical waste product shall be disposed of on site without prior approval of City Representative.

.7 The Contractor may not store chemicals and compressed gas cylinders on site without approval of the City Representative. If approved, the contractor must ensure incompatible chemicals are stored separately.

1.5 DESIGNATED SUBSTANCES / HAZARDOUS WASTES

.1 The Contractor shall provide a work plan for the removal of designated substances, in accordance with all applicable legislation, for review and approval to the City Representative.

.2 The Contractor shall provide evidence of competency with regards to the Environmental Protection Act and its regulations, a copy of safe handling work plan prior to commencing with work in the area.

.3 The Contractor shall register the project as a waste generator site, if not already registered, for the waste that will be generated as a result of the work activities related to the project.

.4 The Contractor shall ensure and provide evidence that all hazardous wastes removed from the sites sent to a licensed waste disposal site by a licensed carrier and advise the responsible individual when necessary testing is to be carried out.

.5 The Contractor shall retain copies of all hazardous waste manifests on file.

.6 The Contractor shall inspect the project daily to monitor compliance with designated substances and hazardous waste regulations.

.7 The Contractor shall provide access to the responsible individual for review of all inspection reports.

1.6 FALL PROTECTION

.1 The Contractor shall comply with the requirements of Sections 57 to 59 of R.R.N.W.T. 1990, c.S-1.

.2 The Contractor shall provide, upon request, proof of worker training in the use of their fall protection systems.

.3 The Contractor shall be responsible for supplying and maintaining all equipment needed to perform this role.

1.7 CONFINED SPACE ENTRY

.1 The Contractor shall comply with the requirements of Section 36 to 37 of R.R.N.W.T. 1990, c.S-1.

1.8 LADDERS

.1 The Contractor shall comply with the requirements of Sections 246 to 259 of R.R.N.W.T. 1990, c.S-1.

.2 The Contractor shall be responsible for supplying and maintaining all equipment needed to perform this role.

1.9 WELDING / CUTTING

.1 The Contractor shall comply with the requirements of Sections 154 to 167 of R.R.N.W.T. 1990, c.S-1.

.2 The Contractor shall be responsible for supplying and maintaining all equipment needed to perform this role.

1.10 SCAFFOLDING

.1 The Contractor shall comply with the requirements of Sections 260 to 327 of R.R.N.W.T. 1990, c.S-1.

.2 The Contractor shall design, erect, inspect, maintain and use scaffolding equipment materials, and components in accordance with CAN/CSA-S269.2-M87 (Access Scaffolding for Construction Purposes).

.3 The Contractor shall be responsible for supply and maintaining all equipment needed to perform this role.

1.11 MOBILE EQUIPMENT

.1 The Contractor shall comply with the requirements of Sections 200 to 242 of R.R.N.W.T. 1990, c.S-1.

.2 The Contractor shall be responsible for supplying and maintaining all equipment needed to perform this role.

1.12 CONSTRUCTION TOWERS AND HOISTS

.1 The Contractor shall comply with the requirements of Sections 433 to 464 of R.R.N.W.T. 1990, c.S-1.

.2 The Contractor shall provide, upon request, proof of worker training in the safe operation of the crane or similar hoisting device.

.3 The Contractor shall make available all logbooks, inspection records and tests for cranes of similar hoisting devices, upon request.

.4 The Contractor shall be responsible for supplying and maintaining all equipment needed to perform this role.

1.13 EXCAVATING AND TRENCHING

.1 The Contractor shall ensure no person enters and excavation unless another worker is working above ground close to the excavation of to the means of access to it.

.2 The Contractor shall arrange the locating of buried services prior to commencing an excavation.

.3 The Contractor shall comply with the requirements of Sections 396 to 432 of R.R.N.W.T. 1990, c.S-1.

1.14 UNFORESEEN HAZARDS

.1 Should any unforeseen or peculiar safety-related factor, hazard, or condition become evident during performance of Work, and follow procedures in place for Employee's Right to Refuse Work in accordance with Acts and Regulations of Territory having jurisdiction. Advise City Representative verbally and in writing.

1.15 CORRECTION OF NON-COMPLIANCE

.1 Immediately address health and safety non-compliance issues identified by authority having jurisdiction or by City Representative.

.2 Provide City Representative with written report of action taken to correct non-compliance of health and safety issues identified.

.3 City Representative may stop Work if non-compliance of health and safety regulations is not corrected. Delays due to a stop work caused by non-compliance of health and safety

regulations will not be considered sufficient reason for an extension of Contract Time and/or Price, and no claim for extension by reason of such default will be allowed.

1.16 BLASTING

.1 Blasting or other use of explosives is not permitted without prior receipt of written instruction by Engineer.

1.17 POWDER ACTUATED DEVICES

.1 Use powder actuated devices only after receipt of written permission from Engineer.

1.18 WORK STOPPAGE

.1 Give precedence to safety and health of public and site personnel and protection of environment over cost and schedule considerations for Work.