1. GENERAL

1. FIRES

1. Open fires and burning of rubbish are not permitted on the site.

2. DISPOSAL OF WASTES

1. Do not bury rubbish and waste materials on site.

2. Do not dispose of waste or volatile materials, such as mineral spirits, oil or paint thinner into waterways, storm or sanitary sewers.

3. All removal of waste products and debris resulting from the work must be audited and source-separated to comply with the most current version O.Reg 102 103 Industrial, Commercial and Institutional Source Separation Programs under the Environmental Protection Act and the 3 R's Regulation.

3. DRAINAGE

1. Provide temporary drainage and pumping as necessary to keep excavations and site free from water.

2. Do not pump water containing suspended materials into waterways, sewer or drainage systems.

3. Control disposal or runoff of water containing suspended materials or other harmful substances in accordance with local authority requirements.

4. SITE CLEARING AND PLANT PROTECTION

1. Refer to Section 02.

5. POLLUTION CONTROL

1. Provide and maintain temporary erosion and pollution control features including mud mats per Authorities Having Jurisdiction requirements installed under this contract or previously installed.

2. Control emissions from equipment and plant to local authorities emission requirements.

3. Prevent sandblasting and other extraneous materials from contaminating air beyond application area, by providing temporary enclosures.

4. Cover or wet down dry materials and rubbish to prevent blowing dust and debris. Provide dust control for temporary roads.

6. NOISE CONTROL

1. Adhere to local noise bylaws.

2. Equip vehicles and equipment with efficient noise attenuation devices (mufflers) to minimize noise levels in vicinity of Site

3. Where necessary place noise attenuation devices (barriers) around stationery pumps and compressors.

7. WASTE MANAGEMENT CONTROL

1. Prepare Waste Audit and Waste Reduction Plans in accordance with O.Reg. 102/94 made under the environmental Protection Act for Waste Audits and Waste Reduction Work Plans. Ensure these plans are prepared prior to construction or demolition work proceeds on Site.

2. Prepare and implement a Source Separation Program in accordance with Ont. Reg. 103/94 made under the environmental Protection Act for Industrial Commercial source Separation Programs. Ensure program is implemented prior to construction or demolition work proceeds on Site.

3. Post plans on Site where most workers will see them, and allow any worker to view plans who makes such a request.

4. The following set of definitions are intended to augment terms provided within this Article:

    1. 3 R: REDUCE (REDUCTION), REUSE, RECYCLE

        1. REDUCE (REDUCTION) - Reduction involves actions to minimize quantity of waste at source and consequently, assumes highest priority in hierarchy of 3R activities.

        2. REUSE - Direct reuse of products which otherwise would become waste, provides another means of diverting quantity of waste destined for landfill.

        3. RECYCLE - Recycling involves collection of materials for use as feedstock in manufacturing of new products. Recycling can be most effectively accomplished if recyclable materials have been source separated at point of generation.

    2. SOURCE SEPARATION - Purposeful segregation of materials from designated solid waste stream into specific material types at point of generation to facilitate recycling.

    3. SOURCE SEPARATED MATERIALS - Specific types of materials that have been purposefully segregated from municipal waste into specific material types at point of generation.

    4. CONSTRUCTION BUSINESS - Business enterprise employing more than 50 persons out of 1 office involved in building, renovation and repair of immobile structures, including soil excavation and landscaping.

    5. DEMOLITION BUSINESS - Business enterprise employing more than 50 persons out of 1 office involved in dismantling any immobile structure, facility or dwelling.

5. Apply waste management activities of reduction, reuse and recycling of waste materials during construction and/or renovation of this Contract.

6. Construction/Demolition Businesses shall be required to source separate in accordance with Ont. Reg. 103/94, for purposes of recycling, following materials

    1. corrugated cardboard

    2. wood waste (i.e. non-treated dimensional lumber, manufactured wood)

    3. non-painted gypsum board

    4. ferrous metals

5. Brick and Portland cement concrete

7. Submit agreement as requested to include source separation of above identified materials and other waste diversion activities during construction phase.

8. Requirements: During construction phase, Contractor shall be required to comply with following program requirements:

    1. Identify sorting, storage and disposal requirements anticipated during construction to maximize waste diversion;

    2. Establish reduction, reuse and on-site source separation activities during construction;

    3. Identify haulers and recycling companies that have entered into agreement with or have expressed willingness to enter into such agreement with Contractor;

    4. Identify person responsible for source separation program;

    5. Establish effective education and information program for on-site employees, including training sessions, use of signs, and designated waste diversion program;

    6. Establish cooperative agreements with Sub-Contractors/trades to abide by waste diversion program.

9. Contractor shall be willing to allow monthly on-site visits by Consultant to review waste management/recycling program.

10. Contractors shall provide evidence that they can and shall implement required waste diversion program. Provision of evidence includes, but is not limited to following:

    1. Written agreements with Sub-Contractors that they will participate in waste diversion program;

    2. Letters from reuse/recycling markets that they are in position to accept designed materials;

    3. Action plan prepared by Contractor for meeting objectives of waste diversion program; and

11. Contract Sum shall include costs for implementing waste diversion program.

End of Section 01 35 43