1.1 Description of Work

.1 In general, work under this contract consist of:

.1 The removal of existing asphalt / concrete surfaces in designated areas. Regrade and resurface the site with new asphalt sub base gravels.

.2 Install new storm sewer piping and catch basins and adjacent new catch basins to suit new grades. Install new bollards and sidewalk as detailed.

.3 Install two new corrugated metal sided canopies on the north and south elevations of the existing building, complete with new standing seam metal roofs.

.4 Remove existing gutters and downspouts (rainwater leaders) on the entire building. Replace with new gutters and downspouts.

.5 Remove existing prepainted metal siding and replace with new architectural finished concrete block and 2 types of new prepainted metal siding as detailed. Adjust mechanical and electrical fixtures to suit new block and metal siding veneer. Provide caulking to make weather tight.

.6 Replace or repair personnel doors and door frames and overhead rolling doors and frames as indicate on the doors and frame schedule. Provide caulking to make weather tight. Paint doors and frames as indicate on door and frame schedule.

.7 Repair the roof/wall leak around the window on the west side of the Yard Crew Room.

.8 Shot blast existing floor in Forklift and Battery Storage Room and Existing Buoy tool Storage Room and install new epoxy floor finish.

.9 Provide caulking at building foundation and concrete sidewalk / asphalt apron intersection around the entire building.

.10 Provide new steel framing and poured concrete foundations to support the two new canopies.

.2 Site of Work is at: Bedford Institute of Oceanography in Dartmouth, NS.

1.2 Familiarization With Site

.1 Before submitting a bid, it is recommended that bidders visit the site to review and verify the form, nature and extent of the work, materials needed, the means of access and the temporary facilities required to perform the Work.

.2 Obtain prior permission from the Departmental Representative before carrying out such site inspection.

**1.3 Codes and Standards**

.1 Perform work in accordance with the 2010 National Building Code of Canada and any other code of provincial or local application, including all amendments up to bid closing date, provided that in any case of conflict or discrepancy, the more stringent requirement shall apply.

.2 Materials and workmanship must meet or exceed requirements of specified standards, codes and referenced documents.

**1.4 Interpretation of Documents**

.1 Supplementary to the Order of Precedence article of the General Conditions of the Contract, the Division 01 sections take precedence over the technical specification sections in other Divisions of the Specification Manual.

1.5 Setting Out Work

.1 Assume full responsibility for and execute complete layout of work to locations, lines and elevations indicated.

.2 Provide devices needed to lay out and construct work.

.3 Supply such devices as straight edges and templates required to facilitate Departmental Representative's inspection of work.

.4 Supply stakes and other survey markers required for laying out work.

1.6 Cost Breakdown

.1 Before submitting first progress claim submit breakdown of Contract price in detail as directed by Departmental Representative and aggregating contract price. Required forms will be provided for application of progress payment.

.2 List items of work numerically following the same division/section number system of the specification manual and thereafter sub-divide into major work components and building systems as directed by Departmental Representative.

.3 Upon approval, cost breakdown will be used as basis for progress payment.

1.7 Documents Required

.1 Maintain at job site, one copy each of the following:

- .1 Contract Drawings
- .2 Specifications
- .3 Addenda
- .4 Reviewed Shop Drawings
- .5 List of outstanding shop drawings
- .6 Change Orders
- .7 Other modifications to Contract
- .8 Field Test Reports
- .9 Copy of Approved Work Schedule
- .10 Health and Safety Plan and other safety related documents
- .11 Other documents as stipulated elsewhere in the Contract Documents.

**1.8 Permits**

.1 In accordance with the GeneralConditions, obtain and pay for any certificates, licenses and permits required by authorities having jurisdiction.

.2 Provide appropriate notifications of project to municipal and provincial inspection authorities.

.3 Obtain compliance certificates as prescribed by legislative and regulatory provisions of municipal, provincial and federal authorities as applicable to the performance of work.

.4 Submit to Departmental Representative, copy of application forms and approval documents received from above referenced authorities.

**1.9 Alterations, Additions or Repairs to Existing Building**

.1 Execute work with least possible interference or disturbance to building operations, occupants, public and normal use of premises. Arrange with Departmental Representative to facilitate execution of work.

.2 Where security has been reduced by work of Contract, provide temporary means to maintain security.

.3 Material transportation within elevators will not be permitted.

.4 Access to work areas is limited to exterior only. Temporary stair access to be provided and maintained by the contractor. Location to be approved by Departmental Representative.

.5 Provide temporary dust screens, barriers, warning signs in locations where renovation and alteration work is adjacent to areas which will be operative during such work.

**1.10 Cutting, Fitting and Patching**

.1 Ensure that cutting and patching required by all trades is included in total bid price submitted for the work.

.2 Execute cutting including excavation, fitting and patching required to make work fit properly.

.3 Where new work connects with existing and where existing work is altered, cut, patch and make good to match existing work.

.4 Do not cut, bore, or sleeve load-bearing members, except where specifically approved by Departmental Representative.

.5 Make cuts with clean, true, smooth edges. Make patches inconspicuous in final assembly.

.6 Fit work airtight to pipes, sleeves ducts and conduits.

1.11 Existing Services

.1 Where work involves breaking into or connecting to existing services, carry out work at times directed by governing authorities, with minimum of disturbance to pedestrian, vehicular traffic and tenant operations.

.2 Before commencing work, establish location and extent of service lines in area of work and notify Departmental Representative of findings.

.3 Submit schedule to and obtain approval from Departmental Representative for any shut-down or closure of active service or facility. This includes disconnection of electrical power and communication services to tenant's operational areas. Adhere to approved schedule and provide notice to affected parties.

.4 Provide temporary services when directed by Departmental Representative to maintain critical building and tenant systems.

.5 Provide adequate bridging over trenches which cross sidewalks or roads to permit normal traffic.

.6 Where unknown services are encountered, immediately advise Departmental Representative and confirm findings in writing.

.7 Protect, relocate or maintain existing active services as required. When inactive services are encountered, cap off in manner approved by authorities having jurisdiction over service. Record locations of maintained, re-routed and abandoned service lines.

1.12 Building Smoking Environment

.1 Comply with smoking restrictions.

END OF SECTION