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| <u>1 SITE ACCESS
AND PARKING</u> | .1 | The Departmental Representative will designate Contractor's access to project site as well as parking facilities for equipment and workers. |
| | .2 | Be advised that while parking facilities for his workers and subcontractors will be on property, such parking facilities may be remote from the actual site of the work. In any case, follow all instructions from the Departmental Representative in regards to parking facilities. |
| | .3 | Parking facilities at site is limited and cannot be used by Contractor. Make arrangements elsewhere for Contractor's vehicles including those of subcontractors and workers. |
| <u>2 BUILDING ACCESS</u> | .1 | Use only access doors, circulation routes, and elevators within building as designated by Departmental Representative to access interior work. |
| <u>3 CONTRACTOR'S
SITE OFFICE</u> | .1 | Be responsible for and provide own site office, if required, including electricity, heat, lights and telephone. Locate site office as directed by Departmental Representative. |
| <u>4 MATERIAL
STORAGE</u> | .1 | Locate site storage trailers where directed by Departmental Representative. Place in location of least interference with existing Facility operations. |
| | .2 | Material storage space on site does not exist. Coordinate delivery to minimize storage period on site before being needed for incorporation into work. |
| | .3 | Make arrangements elsewhere in the city as deemed required and pay all costs for storage of materials not ready for incorporation into work. |
| <u>5 INTERIOR
HOARDING</u> | .1 | Erect hoarding inside building to isolate construction areas and protect occupants and public for duration of work required and directed by the Departmental Representative. |
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6 INTERIOR DUST
CONTROL AND
DUST BARRIERS

- .1 Control creation and spread of dust and dirt to building interior and in particular to areas within premises still under use by occupants.
- .2 Develop and implement a dust control plan, addressing effective measures to carry out work with least amount of dust being created and propagated.
 - .1 Carefully evaluate the type of work to be undertaken and the physical layout of each work area on site.
 - .2 Provide specifically tailored strategy for each work area.
 - .3 Pre-determine location and placement of dust barriers to confine resulting dust to immediate work area.
 - .4 Inform Departmental Representative of the proposed dust control measures to be followed at each work area and for each major dust generating activities. Obtain Departmental Representative's approval before proceeding with work.
- .3 Dust control plan to incorporate as a minimum the following dust protection and cleaning requirements:
 - .1 Erect dustproof partitions completely around work area to fully isolate construction from other parts of the building.
 - .2 Construct dust partitions as follows:
 - .1 Use 10 mm polyethylene installed and sealed tightly to abutting walls, ceilings and floor with continuous duct tape along all edges and seams. Support in position with 38 x 89 wood framing at 400 mm o.c. Locate seams only at framing members and overlap sheeting by minimum of 150 mm.
 - .3 Provide a "dust tight" and lockable access door(s) within dust partition or between rooms for worker entry into work area. This is of particular importance for situations where excessive dust will be generated.
 - .4 Provide additional dust barriers, placed tightly to underside of the floor/roof deck above, in locations where existing walls are used as part of the dust barrier system but simply terminate at the finished ceiling level resulting in an open space above, or other similar condition, permitting dust to migrate beyond the construction areas.
 - .5 Make all dust barriers airtight, effectively blocking and stopping all dust migration.
 - .6 Inspect dust barriers at various intervals during each work shift. Immediately fix tears, unsealed edges and maintain barriers effectively sealed for the entire work duration.
 - .7 Shut down existing ventilation system feeding construction space, or disconnect and seal-off supply

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| 6 INTERIOR DUST
CONTROL AND
DUST BARRIERS
(Cont'd) | .3 | (Cont'd) |
| | .7 | (Cont'd) |
| | | and return air ducts to stop dust from contaminating other areas. |
| | .8 | Immediately clean areas in use by occupants and public contaminated by work. |
| | .1 | Vacuum carpets, wash floors and walls.
Remove accumulated dust from all surfaces. Clean and remove smears, scuffs and marks. |
| | .4 | Meager attempts at controlling dust will not be tolerated. Failure to provide effective dust control during work and to perform satisfactory cleaning thereafter will result in Departmental Representative to proceed and obtain a separate cleaning service agency to perform cleaning to tenant's satisfaction with cost for such services being charged against this Contract in the form of financial holdbacks. |
| | .5 | Obtain Departmental Representative's approval before erecting any dust partitions simply to underside of finish ceiling. |
| | .6 | Construction of dust barriers, enclosures and placement of temporary protective devices to be performed during Facility non-operational off-hour periods. |
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| 7 SANITARY
FACILITIES | .1 | Sanitary facilities are available at the site and may be used by Contractor's work force. Make arrangements for the use of such facilities through the Departmental Representative. |
| | .2 | When permanent water and drain connections are completed, provide temporary water closets and urinals complete with temporary enclosures, inside building. Permanent facilities may be used on approval of Departmental Representative. |
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| 8 POWER | .1 | Arrange, pay for and maintain temporary electrical power supply in accordance with governing regulations and ordinances. |
| | .2 | Supply and install all temporary facilities for power such as pole lines, meter socket, underground cables, etc. as required and to approval of local power supply authority. |
| | .3 | Power supply may be available and will be provided for construction usage at no cost if available. |
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| 8 POWER
(Cont'd) | <p data-bbox="436 512 1331 558">.3 (Cont'd)</p> <p data-bbox="436 558 1331 716">Provide temporary generator if power is not available. DO NOT use generators indoors and only when approved by the Departmental Representative.</p> <p data-bbox="436 716 1331 795">.1 Make arrangements for the use of such services through the Departmental Representative.</p> <p data-bbox="436 795 1331 921">.2 Departmental Representative will designate and approve each location of existing power source to which connections can be made to obtain temporary power service.</p> <p data-bbox="436 921 1331 1033">.3 Connect to existing power supply in accordance with CSA C22.1, Canadian Electrical Code.</p> <p data-bbox="436 1033 1331 1190">.4 Provide and pay all costs to supply and install temporary cabling, panelboards, switching devices and other equipment as required to connect into power source, provide adequate ground fault protection and extend power supply from existing source to work areas. Perform work and make all connections in accordance with the CSA C22.1 Canadian Electrical Code, in compliance with the federal and provincial Occupational Health and Safety Regulations as specified in section 01 35 29 and to lockout requirements specified in section 01 35 25.</p> <p data-bbox="436 1190 1331 1268">.5 Provide and maintain temporary lighting to conduct work. Provide illumination level of not less than 162 lx in all locations.</p> <p data-bbox="436 1268 1331 1348">.6 Electrical power and lighting systems existing and installed under this Contract can be used for construction requirements provided that guarantees are not affected thereby. Make good damage.</p> |
| 9 SCAFFOLDING | <p data-bbox="436 1348 1331 1428">.1 Design, construct and maintain scaffolding in rigid, secure and safe manner in accordance with CSA Z797, Code of Practice for Access Scaffold.</p> <p data-bbox="436 1428 1331 1505">.2 Erect scaffolding independent of walls. Remove when no longer required.</p> |
| 10 HEATING AND VENTILATING | <p data-bbox="436 1505 1331 1585">.1 Supply, install and pay for costs of temporary heat and ventilation used during construction, including costs of installation, fuel, operation, maintenance and removal of equipment. Use of direct-fired heaters discharging waste products into work areas will not be permitted.</p> |

10 HEATING AND
VENTILATING
(Cont'd)

- .2 Provide temporary heat and ventilation in enclosed areas as required to:
 - .1 Facilitate progress of work.
 - .2 Protect work and products against dampness and cold.
 - .3 Prevent moisture condensation on surfaces.
 - .4 Provide ambient temperatures and humidity levels for storage, installation and curing of materials.
 - .5 Provide adequate ventilation to meet health regulations for safe working environment.
- .3 Maintain minimum temperature of 10 degrees C, or higher where specified, as soon as finishing work is commenced and maintain until acceptance of structure by Departmental Representative.
 - .1 Maintain ambient temperature and humidity levels as required for comfort of office personnel.
- .4 Ventilating:
 - .1 Prevent accumulations of dust, fumes, mists, vapours or gases in areas occupied during construction.
 - .2 Provide local exhaust ventilation to prevent harmful accumulation of hazardous substances into atmosphere of occupied areas.
 - .3 Dispose of exhaust materials in manner that will not result in harmful exposure to persons.
 - .4 Ventilate storage spaces containing hazardous or volatile materials.
 - .5 Ventilate temporary sanitary facilities.
 - .6 Continue operation of ventilation and exhaust system for time after cessation of work process to assure removal of harmful contaminants.
- .5 Maintain strict supervision of operation of temporary heating and ventilating equipment to:
 - .1 Conform with applicable codes and standards.
 - .2 Enforce safe practices.
 - .3 Prevent abuse of services.
 - .4 Prevent damage to finishes.
 - .5 Vent direct-fired combustion units to outside.
- .6 Submit bid assuming existing equipment and systems will not be used for temporary heating and ventilating.
- .7 Upon acceptance of bid, Departmental Representative may permit use of permanent system providing agreement can be reached on:
 - .1 Conditions of use, special equipment, protection and maintenance.
 - .2 Saving on Contract price.

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| 10 HEATING AND
VENTILATING
(Cont'd) | .7 (Cont'd)
.5 (Cont'd)
.3 Provisions relating to warranties on
equipment. |
| 11 CONSTRUCTION
SIGN AND NOTICES | .1 Contractor or subcontractor advertisement signboards
are not permitted on site.

.2 Safety and Instruction Signs and Notices:
.1 Signs and notices for safety and instruction
shall be in both official languages or commonly
understood graphic symbols conforming to
CAN/CSA-Z321.

.3 Maintenance and Disposal of Site Signs:
.1 Maintain approved signs and notices in good
condition for duration of project and dispose of off
site on completion of project or earlier if directed
by Departmental Representative. |
| 12 REMOVAL OF
TEMPORARY
FACILITIES | .1 Remove temporary facilities from site when directed
by Departmental Representative. |