

APPENDIX A

Room Data Sheets

Building	Moodie LMSF Maintenance Building						
Room Name:	Comms/PS&D Technician Shop					Room Number:	NA

ARCHITECTURAL

Function: Workshop and Storage Net Area: **20** m2 Number of Occupants: **3**
 Fire Rating: **NA** Barrier Free: **Yes**

ROOM CHARACTERISTICS

Sound Control: **Standard** Special Ceiling Conditions:
 STC Rating: **45** Special Floor Conditions
 Other: - Special Wall Conditions :

ROOM FINISHES

Floor: **SC** Base: **RB** Wall: **PT**
 Ceiling: **NA** Millwork:
 Doors (Size): **1800x2100** Type: Fire Rating: Hardware: **Access Control**
 O/H Doors (Size): Type: - Fire Rating: - Hardware: -
 Windows: - Frame: - Fire Rating: - Glazing: -
 Wind Screens: - Frame: - Fire Rating: - Glazing: -
 Security Barriers: - Frame: - Fire Rating: - Glazing: -

MILLWORK

Counter: - Mat: - Comment:
 Shelving: - Mat: - Comment: -

FIXTURES: -

EQUIPMENT:

OTHER: **First floor, direct access to main shop**

REMARKS:

MECHANICAL

HVAC system:	Standard office	Air Supply:	Standard Office
Min. # of air changes/hr.:	-	Air Exhaust:	Ceiling
LAVS:	-	Number:	-
Water Closet:	-	Number:	-
Urinal:	-	Number:	-
Drinking Fountain:	-	Room Thermostat:	No
Floor Drain:	-	Drain Type:	-
Other:			

Comments:

ELECTRICAL

Receptacles:	Minimum 10 120VAC/15A duplex outlets at 1000mm AFF		
Switches:	Low Voltage	-	Dimmer
	(Qty.):		(Qty.):
	Other:	-	
Emergency Lighting Required:	All lighting on backup power (genset)		
Lighting Type:	LED	Lighting Level (Lux):	500 -
Communications:	Minimum 4 network data outlets		
Fire Alarm to OBC3.2.4:	-	P.A. System Coverage Required:	Yes
T.V. Outlet (Qty.):	-		
Telephone/Data Outlet (Qty.)	(1) Wall mounted		
Security Requirements:	Provide access control hardware		
A/V Systems:	-		
Comments:	Coordinate location of power/data outlets with RTG		

NOTES

CAN_DMS: \132040802\1

Moodie LMSF Office Building	Moodie LMSF Maintenance Building						
Room Name:	Janitor's Closet					Room Number:	NA

ARCHITECTURAL

Function: Janitor's Closet Net Area: **4** m2 Number of Occupants: **NA**
 Fire Rating: **NA** Barrier Free: **Yes**

ROOM CHARACTERISTICS

Sound Control: **Standard** Special Ceiling Conditions:
 STC Rating: **55** Special Floor Conditions
 Other: - Special Wall Conditions :

ROOM FINISHES

Floor: **PCT** Base: **CT** Wall: **PT/1220mm CT Wainscot**
 Ceiling: **LAT** Millwork:
 Doors (Size): **900x2100** Type: **SC** Fire Rating: **Varies** Hardware: **Access Control;**
 O/H Doors (Size): Type: - Fire Rating: - Hardware: -
 Windows: Frame: - Fire Rating: - Glazing: -
 Wind Screens: - Frame: - Fire Rating: - Glazing: -
 Security Barriers: - Frame: - Fire Rating: - Glazing: -

MILLWORK

Counter: - Matl: Comment:
 Shelving: **Minimum 150 x450 (mm)** Matl: **SS** Comment:

FIXTURES: **One porcelain coated cast iron floor mounted janitorial sink, mop racks**

EQUIPMENT: -

OTHER: -

REMARKS: .

MECHANICAL

HVAC system:	-	Air Supply:	Undercut door
Min. # of air changes/hr.:	-	Air Exhaust:	100%
LAVS:	Janitorial	Number:	Min. Per Code
Water Closet:	No	Number:	Min. Per Code
Urinal:	No	Number:	-Min. Per Code
Fixture:		Fixture:	-
Fixture:		Fixture:	-
Fixture:		Fixture:	-
Drinking Fountain:	-	Room Thermostat:	No
Floor Drain:	1 per every 25m ² or portion thereof	Drain Type:	-
Other:			
Comments:	-		

ELECTRICAL

Receptacles:	1 quad		
Switches:	Low Voltage	-	Dimmer
	(Qty.):		(Qty.):
	Other:	-	
Emergency Lighting Required:			
Lighting Type:	LED	Lighting Level (Lux):	300 -
	-		
Communications:			
Fire Alarm to OBC3.2.4:	-	P.A. System Coverage Required:	Yes
T.V. Outlet	-		
(Qty.):			
Telephone/Data Outlet (Qty.)	-		
Security Requirements:	Access Control		
A/V Systems:	-		

Comments: -

NOTES

RFP: Request for Quotation

OESC: Ontario Electrical Safe Code

Building	Moodie LMSF Maintenance Building						
Room Name:	RTG Break Room					Room Number:	NA

ARCHITECTURAL

Function: Break Room Net Area: **40** m2 Number of Occupants: **20**
 Fire Rating: **NA** Barrier Free: **Yes**

ROOM CHARACTERISTICS

Sound Control: **Standard** Special Ceiling Conditions:
 STC Rating: **45** Special Floor Conditions
 Other: - Special Wall Conditions :

ROOM FINISHES

Floor: **VCT** Base: **RB** Wall: **PT**
 Ceiling: **LAT** Millwork:
 Doors (Size): **900x2100** Type: Fire Rating: **Per code** Hardware: **Latch**
 O/H Doors (Size): Type: - Fire Rating: - Hardware: -
 Windows: **Provide daylighting** Frame: - Fire Rating: - Glazing: -
 Wind Screens: - Frame: - Fire Rating: - Glazing: -
 Security Barriers: - Frame: - Fire Rating: - Glazing: -

MILLWORK

Counter: **Kitchenette case work;** Matl: **Solid surface at kitchenette** Comment:
 Shelving: **Single adjustable lowers two adjustable uppers** Matl: **HPL** Comment:

FIXTURES: **Provide casework with stainless steel kitchen sink with waste disposer, countertop space sufficient for coffee maker and microwave; full length overhead cabinets**
Provide floor area, water, floor sink and electrical for not less than two vending machines

EQUIPMENT: **Provide (1) 1220mm LCD monitor and connection to digital broadcast media (cable TV); microwave, coffee maker, 480 litre frost free refrigerator-freezer.**

OTHER: Providing seating and multiple tables for 20 (4-6 persons per table maximum).

REMARKS:

MECHANICAL

HVAC system:	Standard office	Air Supply:	Standard Office, Ceiling
Min. # of air changes/hr.:	-	Air Exhaust:	Ceiling
LAVS:	-	Number:	-
Water Closet:	-	Number:	-
Urinal:	-	Number:	-
Drinking Fountain:	-	Room Thermostat:	Yes
Floor Drain:		Drain Type:	-
Other:			

Comments:

ELECTRICAL

Receptacles:	Standard office		
Switches:	Low Voltage	-	Dimmer -
	(Qty.):		(Qty.):
	Other:	-	
Emergency Lighting Required:	All lighting on backup power (genset) and UPS		
Lighting Type:	LED room, LED under counter	Lighting Level (Lux):	300 -
Communications:			
Fire Alarm to OBC3.2.4:	-	P.A. System Coverage Required:	Yes
T.V. Outlet (Qty.):	Wall mounted		
Telephone/Data Outlet (Qty.):	-1 wall mounted phone; 1 wall mounted at LCD monitor		
Security Requirements:	-		

CAN_DMS: \132040802\1

A/V Systems: **See above**

Comments: -

NOTES

Building	Moodie LMSF Maintenance Building						
Room Name:	Conference Room					Room Number:	NA

ARCHITECTURAL

Function: RTG Conference Room Net Area: **50** m2 Number of Occupants: **10**
 Fire Rating: **NA** Barrier Free: **Yes**

ROOM CHARACTERISTICS

Sound Control: **Standard** Special Ceiling Conditions:
 STC Rating: **45** Special Floor Conditions
 Other: - Special Wall Conditions :

ROOM FINISHES

Floor: **VCT** Base: **RB** Wall: **PT**
 Ceiling: **LAT** Millwork:
 Doors (Size): **900x2100** Type: Fire Rating: Hardware: -
 O/H Doors Type: - Fire Rating: - Hardware: -
 (Size):
 Windows: - Frame: - Fire Rating: - Glazing: -
 Wind Screens: - Frame: - Fire Rating: - Glazing: -
 Security Barriers: - Frame: - Fire Rating: - Glazing: -

MILLWORK

Counter: - Matl: - Comment:
 Shelving: - Matl: - Comment: -

FIXTURES: **Data and power connection all walls; data and power outlet flush with floor centered on conference room table**

EQUIPMENT:

OTHER:

REMARKS: **Room shall be configured to seat 10 comfortably around a conference table with space to move behind seated occupants.**

MECHANICAL

HVAC system:	Standard office	Air Supply:	Standard Office, Ceiling
Min. # of air changes/hr.:	-	Air Exhaust:	Ceiling
LAVS:	-	Number:	-
Water Closet:	-	Number:	-
Urinal:	-	Number:	-
Drinking Fountain:	-	Room Thermostat:	Yes
Floor Drain:	-	Drain Type:	-
Other:			

Comments:

ELECTRICAL

Receptacles:	Minimum four outlets at workstation		
Switches:	Low Voltage	-	Dimmer
	(Qty.):		(Qty.):
	Other:	-	Yes
Emergency Lighting Required:	All lighting on backup power (genset)		
Lighting Type:	LED	Lighting Level (Lux):	500 -
Communications:			
Fire Alarm to OBC3.2.4:	-	P.A. System Coverage Required:	Yes
T.V. Outlet (Qty.):	Wall mounted		
Telephone/Data Outlet (Qty.):	Standard plus data and power on one wall for connection to large format monitor.		
Security Requirements:	-		
A/V Systems:	-		
Comments:	Lighting shall be arranged to enable dimming at media presentation wall (end wall relative to conference table)		

NOTES

Building	Moodie LMSF Maintenance Building						
Room Name:	Facility Maintenance Shop					Room Number:	NA

ARCHITECTURAL

Function: Workshop and Storage Net Area: **20** m2 Number of Occupants: **3**
 Fire Rating: **NA** Barrier Free: **Yes**

ROOM CHARACTERISTICS

Sound Control: **Standard** Special Ceiling Conditions:
 STC Rating: **45** Special Floor Conditions
 Other: - Special Wall Conditions :

ROOM FINISHES

Floor: **SC** Base: **RB** Wall: **PT, 1220mm painted 19mm plywood A/C exterior grade all walls or other impact resistant material of similar performance**

Ceiling: **NA** Millwork:
 Doors (Size): **1800x2100 to exterior and interior** Type: Fire Rating: Hardware: **Access Control**

O/H Doors (Size): Type: - Fire Rating: - Hardware: -
 Windows: - Frame: - Fire Rating: - Glazing: -
 Wind Screens: - Frame: - Fire Rating: - Glazing: -
 Security Barriers: - Frame: - Fire Rating: - Glazing: -

MILLWORK

Counter: - Matl: - Comment:
 Shelving: - Matl: - Comment: -

FIXTURES: -

EQUIPMENT:

OTHER: **Direct access to outside and interior**

REMARKS: Lawn mowers, snow blowers, and other gas powered equipment to be stored in this room.

MECHANICAL

HVAC system:	Standard office	Air Supply:	Standard Office
Min. # of air changes/hr.:	-	Air Exhaust:	Ceiling
LAVS:	-	Number:	-
Water Closet:	-	Number:	-
Urinal:	-	Number:	-
Drinking Fountain:	-	Room Thermostat:	No
Floor Drain:	-	Drain Type:	-
Other:			

Comments:

ELECTRICAL

Receptacles:	Minimum 10 120VAC/15A duplex outlets at 1000mm AFF for		
Switches:	Low Voltage	-	Dimmer
	(Qty.):		(Qty.):
	Other:	-	
Emergency Lighting Required:	All lighting on backup power (genset)		
Lighting Type:	LED	Lighting Level (Lux):	500 -
Communications:	Minimum 4 network data outlets		
Fire Alarm to OBC3.2.4:	-	P.A. System Coverage Required:	Yes
T.V. Outlet (Qty.):	-		
Telephone/Data Outlet (Qty.):	(1) Wall mounted		
Security Requirements:	Provide access control hardware		
A/V Systems:	-		

Comments: **Coordinate location of power/data outlets with RTG**

NOTES

Building	Moodie LMSF Maintenance Building						
Room Name:	First Aid					Room Number:	NA

ARCHITECTURAL

Function: Storage of First Aid Materials Net Area: 8 m2 Number of Occupants: NA
 Fire Rating: NA Barrier Free: Yes

ROOM CHARACTERISTICS

Sound Control: Standard Special Ceiling Conditions:
 STC Rating: 45 Special Floor Conditions
 Other: - Special Wall Conditions :

ROOM FINISHES

Floor: VCT Base: RB Wall: PT
 Ceiling: LAT Millwork:
 Doors (Size): 900x2100 Type: Fire Rating: Hardware: Latch
 O/H Doors Type: - Fire Rating: - Hardware: -
 (Size):
 Windows: - Frame: - Fire Rating: - Glazing: -
 Wind Screens: - Frame: - Fire Rating: - Glazing: -
 Security Barriers: - Frame: - Fire Rating: - Glazing: -

MILLWORK

Counter: - Matl: - Comment:
 Shelving: - Matl: - Comment: -

FIXTURES: -

EQUIPMENT:

OTHER:

REMARKS:

MECHANICAL

HVAC system:	Standard office	Air Supply:	Standard Office, Ceiling
Min. # of air changes/hr.:	-	Air Exhaust:	Ceiling
LAVS:	-	Number:	-
Water Closet:	-	Number:	-
Urinal:	-	Number:	-
Drinking Fountain:	-	Room Thermostat:	No
Floor Drain:	-	Drain Type:	-
Other:			

Comments:

ELECTRICAL

Receptacles:	Minimum four outlets at workstation		
Switches:	Low Voltage	-	Dimmer
	(Qty.):		(Qty.):
	Other:	-	
Emergency Lighting Required:	All lighting on backup power (genset)		
Lighting Type:	LED	Lighting Level (Lux):	200 -
Communications:			
Fire Alarm to OBC3.2.4:	-	P.A. System Coverage Required:	Yes
T.V. Outlet (Qty.):	Wall mounted		
Telephone/Data Outlet (Qty.):	1		
Security Requirements:			
A/V Systems:	-		
Comments:	-		

NOTES

Building	Moodie LMSF Maintenance Building						
Room Name:	Storage					Room Number:	NA

ARCHITECTURAL

Function: Storage of Office Materials Net Area: **8.6** m2 Number of Occupants: **NA**
 Fire Rating: **NA** Barrier Free: **Yes**

ROOM CHARACTERISTICS

Sound Control: **Standard** Special Ceiling Conditions:
 STC Rating: **45** Special Floor Conditions
 Other: - Special Wall Conditions :

ROOM FINISHES

Floor: **VCT** Base: **RB** Wall: **PT**
 Ceiling: **LAT** Millwork:
 Doors (Size): **900x2100** Type: Fire Rating: Hardware: **Access Control**
 O/H Doors (Size): Type: - Fire Rating: - Hardware: -
 Windows: - Frame: - Fire Rating: - Glazing: -
 Wind Screens: - Frame: - Fire Rating: - Glazing: -
 Security Barriers: - Frame: - Fire Rating: - Glazing: -

MILLWORK

Counter: - Mat: - Comment:
 Shelving: - Mat: - Comment: -

FIXTURES: -

EQUIPMENT:

OTHER:

REMARKS:

Room Name:	Open Office					Room Number:	NA
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ARCHITECTURAL

Function: RTG Open Office Net Area: 50 m2 Number of Occupants: 6
 Fire Rating: NA Barrier Free: Yes

ROOM CHARACTERISTICS

Sound Control: Standard Special Ceiling Conditions:
 STC Rating: 45 Special Floor Conditions
 Other: - Special Wall Conditions :

ROOM FINISHES

Floor: VCT Base: RB Wall: PT
 Ceiling: LAT Millwork:
 Doors (Size): 900x2100 Type: Fire Rating: Hardware: Access Control
 O/H Doors (Size): Type: - Fire Rating: - Hardware: -
 Windows: Required Frame: - Fire Rating: - Glazing: -
 Wind Screens: - Frame: - Fire Rating: - Glazing: -
 Security Barriers: - Frame: - Fire Rating: - Glazing: -

MILLWORK

Counter: - Mat: - Comment:
 Shelving: - Mat: - Comment: -

FIXTURES: (6) 5m2 office cubicles with “L” shaped work surfaces, (2) two-drawer pedestals, full upper cabinets with under cabinet lighting; 1 task chair per cubicle; 1 data and 4 duplex power connections below counter, integral with system furniture. 1370mm partition on open side and 1780 elsewhere.

Data and power connection for office copier/printer

EQUIPMENT:

OTHER:

REMARKS: In suite with Supervisor’s Office.

MECHANICAL

HVAC system:	Standard office	Air Supply:	Standard Office, Ceiling
Min. # of air changes/hr.:	-	Air Exhaust:	Ceiling
LAVS:	-	Number:	-
Water Closet:	-	Number:	-
Urinal:	-	Number:	-
Drinking Fountain:	-	Room Thermostat:	Yes
Floor Drain:	-	Drain Type:	-
Other:			

Comments:

ELECTRICAL

Receptacles:	Minimum four outlets at workstation		
Switches:	Low Voltage	-	Dimmer
	(Qty.):		(Qty.):
	Other:	-	Yes
Emergency Lighting Required:	All lighting on backup power (genset)		
Lighting Type:	LED	Lighting Level (Lux):	500 -
Communications:			
Fire Alarm to OBC3.2.4:	-	P.A. System Coverage Required:	Yes
T.V. Outlet (Qty.):	-		
Telephone/Data Outlet (Qty.):	Standard plus data and power for each cubicle		
Security Requirements:	Access Control		
A/V Systems:	-		
Comments:	-		

NOTES

Building	Moodie LMSF Maintenance Building						
Room Name:	Quiet Room					Room Number:	NA

ARCHITECTURAL

Function: Quite Room for RTG Net Area: **8** m2 Number of Occupants: **2**
 Fire Rating: **NA** Barrier Free: **Yes**

ROOM CHARACTERISTICS

Sound Control: **Standard** Special Ceiling Conditions:
 STC Rating: **45** Special Floor Conditions
 Other: - Special Wall Conditions :

ROOM FINISHES

Floor: **CPT** Base: **RB** Wall: **PT**
 Ceiling: **LAT** Millwork:
 Doors (Size): **900x2100** Type: Fire Rating: Hardware: **Latch**
 O/H Doors Type: - Fire Rating: - Hardware: -
 (Size):
 Windows: - Frame: - Fire Rating: - Glazing: -
 Wind Screens: - Frame: - Fire Rating: - Glazing: -
 Security Barriers: - Frame: - Fire Rating: - Glazing: -

MILLWORK

Counter: - Matl: - Comment:
 Shelving: - Matl: - Comment: -

FIXTURES: -

EQUIPMENT:

OTHER:

REMARKS:

MECHANICAL

HVAC system:	Standard office	Air Supply:	Standard Office, Ceiling
Min. # of air changes/hr.:	-	Air Exhaust:	Ceiling
LAVS:	-	Number:	-
Water Closet:	-	Number:	-
Urinal:	-	Number:	-
Drinking Fountain:	-	Room Thermostat:	Yes
Floor Drain:	-	Drain Type:	-
Other:			

Comments:

ELECTRICAL

Receptacles:	Minimum four outlets		
Switches:	Low Voltage -	Dimmer (Qty.):	Yes
	(Qty.):		
	Other: -		
Emergency Lighting Required:	All lighting on backup power (genset)		
Lighting Type:	LED	Lighting Level (Lux):	500 -
Communications:			
Fire Alarm to OBC3.2.4:	-	P.A. System Coverage Required:	Yes
T.V. Outlet (Qty.):	-		
Telephone/Data Outlet (Qty.):	2		
Security Requirements:	-		
A/V Systems:	-		
Comments:	-		

NOTES

Building	Moodie LMSF Maintenance Building						
Room Name:	RTG Server Room					Room Number:	NA

ARCHITECTURAL

Function: RTG Computer Equip. Net Area: **8.6** m2 Number of Occupants: **1**
 Fire Rating: **1-hr** Barrier Free: **Yes**

ROOM CHARACTERISTICS

Sound Control: **Standard** Special Ceiling Conditions:
 STC Rating: **55** Special Floor **Antistatic floor** Conditions
 Other: - Special Wall Conditions :

ROOM FINISHES

Floor: **RAF** Base: **RB** Wall: **PT/minimum 10m² comm. backboard**
 Ceiling: **LAT** Millwork:
 Doors (Size): **900x2100** Type: Fire Rating: **20** Hardware: **Access Control**
 O/H Doors (Size): Type: - Fire Rating: - Hardware: -
 Windows: Frame: - Fire Rating: - Glazing: -
 Wind Screens: - Frame: - Fire Rating: - Glazing: -
 Security Barriers: - Frame: - Fire Rating: - Glazing: -

MILLWORK

Counter: - Mat: Comment:
 Shelving: - Mat: Comment:

FIXTURES: -

EQUIPMENT: **Assume two standard, full height server racks; must be accessible front and back**

OTHER: -

REMARKS: -

MECHANICAL

HVAC system:	3x Redundant Data Center Type	Air Supply:	Below floor (see comments)
Min. # of air changes/hr.:	-	Air Exhaust:	Ceiling
LAVS:	-	Number:	-
Water Closet:	-	Number:	-
Urinal:	-	Number:	-
Drinking Fountain:	-	Room Thermostat:	-
Floor Drain:	-	Drain Type:	-
Other:	Provide clean agent and pre-action fire sprinkler system.		

Comments: **Provide minimum 3-tons HVAC. System shall be on emergency backup power (genset). Volume shall be controllable at each diffuser.**

ELECTRICAL

Receptacles:	On emergency backup power		
Switches:	Low Voltage -	Dimmer	
	(Qty.):	(Qty.):	
	Other: -		
Emergency Lighting Required:	All lighting on backup power (genset) and UPS		
Lighting Type:	LED	Lighting Level (Lux):	500 -
Communications:	Tie to OC Transpo [REDACTED]		
Fire Alarm to OBC3.2.4:	-	P.A. System Coverage Required:	Yes
T.V. Outlet (Qty.):	-		
Telephone/Data Outlet (Qty.):	1		
Security Requirements:	Provide access control hardware		
A/V Systems:	-		
Comments:	Fire stop all conduit		

NOTES

RFP: Request for Quotation

CAN_DMS: \132040802\1

OESC: Ontario Electrical Safe Code

Building	Moodie LMSF Maintenance Building						
Room Name:	Storage					Room Number:	NA

ARCHITECTURAL

Function: Storage Net Area: 20 m2 Number of Occupants: NA
 Fire Rating: NA Barrier Free: Yes

ROOM CHARACTERISTICS

Sound Control: Standard Special Ceiling Conditions:
 STC Rating: 45 Special Floor Conditions
 Other: - Special Wall Conditions :

ROOM FINISHES

Floor: VCT Base: RB Wall: PT
 Ceiling: LAT Millwork:
 Doors (Size): 900x2100 Type: Fire Rating: Hardware: Access Control
 O/H Doors (Size): Type: - Fire Rating: - Hardware: -
 Windows: - Frame: - Fire Rating: - Glazing: -
 Wind Screens: - Frame: - Fire Rating: - Glazing: -
 Security Barriers: - Frame: - Fire Rating: - Glazing: -

MILLWORK

Counter: - Mat: - Comment:
 Shelving: - Mat: - Comment: -

FIXTURES: -

EQUIPMENT:

OTHER: Heavy duty industrial shelving, min 500 kg/m²; 600mm deep, min. 100 lm; brace at floor and floor deck above

REMARKS:

Room Name:	Office					Room Number:	NA
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ARCHITECTURAL

Function: Supervisor Office Net Area: 19 m2 Number of Occupants: 1
 Fire Rating: NA Barrier Free: Yes

ROOM CHARACTERISTICS

Sound Control: Standard Special Ceiling Conditions:
 STC Rating: 45 Special Floor Conditions
 Other: - Special Wall Conditions :

ROOM FINISHES

Floor: CPT Base: RB Wall: PT
 Ceiling: LAT Millwork:
 Doors (Size): 900x2100 Type: Fire Rating: Hardware: Lock
 O/H Doors Type: - Fire Rating: - Hardware: -
 (Size):
 Windows: Preferred Frame: - Fire Rating: - Glazing: -
 Wind Screens: - Frame: - Fire Rating: - Glazing: -
 Security Barriers: - Frame: - Fire Rating: - Glazing: -

MILLWORK

Counter: - Matl: - Comment:
 Shelving: - Matl: - Comment: -

FIXTURES: -

EQUIPMENT:

OTHER:

REMARKS: All Project Co communications systems shall be accessible from this room. Provide desk, credenza, book shelving, task chair, and two guest chairs. View of shop preferred.

MECHANICAL

CAN_DMS: \132040802\1

HVAC system:	Standard office	Air Supply:	Standard Office, Ceiling
Min. # of air changes/hr.:	-	Air Exhaust:	Ceiling
LAVS:	-	Number:	-
Water Closet:	-	Number:	-
Urinal:	-	Number:	-
Drinking Fountain:	-	Room Thermostat:	Yes
Floor Drain:	-	Drain Type:	-
Other:			

Comments:

ELECTRICAL

Receptacles:	Minimum four outlets at workstation		
Switches:	Low Voltage -	Dimmer -	
	(Qty.):	(Qty.):	
	Other: -		
Emergency Lighting Required:	All lighting on backup power (genset)		
Lighting Type:	LED	Lighting Level (Lux):	500 -
Communications:	Minimum 4 network data outlets		
Fire Alarm to OBC3.2.4:	-	P.A. System Coverage Required:	Via phone system only
T.V. Outlet (Qty.):	Wall mounted		
Telephone/Data Outlet (Qty.):	Standard		
Security Requirements:	Provide access control hardware		
A/V Systems:	-		
Comments:	-		

NOTES

Building	Moodie LMSF Maintenance Building						
Room Name:	Typical Multiple-Occupant Washroom					Room Number:	NA

ARCHITECTURAL

Function: Wash/Locker/Shower Room Net Area: 45 m2 Number of Occupants: Varies
 Fire Rating: NA Barrier Free: Yes

ROOM CHARACTERISTICS

Sound Control: Standard Special Ceiling Conditions:
 STC Rating: 55 Special Floor Conditions
 Other: - Special Wall Conditions :

ROOM FINISHES

Floor: PCT Base: CT Wall: PT/1220mm CT Wainscot
 Ceiling: LAT Millwork:
 Doors (Size): 900x2100 Type: SC Fire Rating: Varies Hardware: Class/Self Closing
 O/H Doors (Size): Type: - Fire Rating: - Hardware: -
 Windows: Frame: - Fire Rating: - Glazing: -
 Wind Screens: - Frame: - Fire Rating: - Glazing: -
 Security Barriers: - Frame: - Fire Rating: - Glazing: -

MILLWORK

Counter: - Mat: Comment:
 Shelving: Minimum 150 x450 (mm) Mat: SS Comment: Above urinals, water closets, lavatories

FIXTURES: As required by code but not less than one urinal and one toilet per men’s washroom and two toilets per women’s wash room. Washrooms shall have not less than two lavatories. Provide stainless steel shelving above all fixtures

- Stainless steel washroom accessories:
- Toilet stalls (each): recessed or semi recessed toilet tissue dispenser, two roll; seat cover dispenser, accessibility accessories as required;
 - Lavatories (for every two, but not less than one each): recessed or semi-recessed C-fold paper towel dispensers and waste receptacle;
 - Other: electric high velocity hand drier
 - Shower stall (each): mirror, wooden bench with stainless steel legs two clothes hooks

EQUIPMENT: Furnish painted metal lockers including those as required for accessibility. Provide a minimum of 12 lockers for women and 24 men Provide benches where required for accessibility. Lockers shall be 305mm x 610mm, with sloped tops and 150mm high based faced in tile matching floor finish. Locker rooms shall be sized to accommodate the maximum number of lockers required for ultimate system capacity or the design shall provide for contiguous enlargement of the locker room in a logical fashion that does not disrupt other necessary facility functions

OTHER: Shower rooms shall be provided in the main wash rooms/locker rooms serving RTG maintenance crews. Floors shall be PCT, walls full height CT. Showers shall be individual occupancy with a lockable door and may be accessed independently from wash rooms.

Provide niche for clean linen (uniform) delivery storage and dirty linen disposal bins

REMARKS: Provide one men’s and one women’s wash/shower/locker room

MECHANICAL

HVAC system:	-	Air Supply:	-
Min. # of air changes/hr.:	-	Air Exhaust:	-
LAVS:	Yes	Number:	Min. Per Code
Water Closet:	Yes	Number:	Min. Per Code
Urinal:	Yes	Number:	-Min. Per Code
Drinking Fountain:	-	Room Thermostat:	No
Floor Drain:	1 per every 25m² or portion thereof	Drain Type:	-
Other:			

Comments: Shower rooms shall have 100% exhaust air

ELECTRICAL

Receptacles:	1 per lavatory and shower stall		
Switches:	Low Voltage	-	Dimmer
	(Qty.):		(Qty.):
	Other:	-	
Emergency Lighting Required:			
Lighting Type:	LED	Lighting Level (Lux):	200 -

CAN_DMS: \132040802\1

Communications:	-		
Fire Alarm to OBC3.2.4:	-	P.A. System Coverage Required:	Yes
T.V. Outlet (Qty.):	-		
Telephone/Data Outlet (Qty.)	-		
Security Requirements:	-		
A/V Systems:	-		
Comments:	-		

NOTES

RFP: Request for Quotation

OESC: Ontario Electrical Safe Code

Moodie LMSF Office Building	Moodie LMSF Maintenance Building						
Room Name:	Typical Single Occupant Washroom					Room Number:	NA

ARCHITECTURAL

Function: Washroom Net Area: 6 m2 Number of Occupants: NA
 Fire Rating: NA Barrier Free: Yes

ROOM CHARACTERISTICS

Sound Control: Standard Special Ceiling Conditions:
 STC Rating: 55 Special Floor Conditions
 Other: - Special Wall Conditions :

ROOM FINISHES

Floor: PCT Base: CT Wall: PT/1220mm CT Wainscot
 Ceiling: LAT Millwork:
 Doors (Size): 900x2100 Type: SC Fire Rating: Varies Hardware: Access Control; Self-Closing
 O/H Doors (Size): Type: - Fire Rating: - Hardware: -
 Windows: Frame: - Fire Rating: - Glazing: -
 Wind Screens: - Frame: - Fire Rating: - Glazing: -
 Security Barriers: - Frame: - Fire Rating: - Glazing: -

MILLWORK

Counter: - Matl: Comment:
 Shelving: Minimum 150 x450 (mm) Matl: SS Comment: Above urinals, water closets, lavatories

FIXTURES: One lavatory and one toilet per wash room

Stainless steel washroom accessories:

- Recessed or semi recessed toilet tissue dispenser, two roll; seat cover dispenser, accessibility accessories as required;
- Recessed or semi-recessed C-fold paper towel dispensers and waste receptacle;
- Other: electric high velocity hand drier

EQUIPMENT: -

OTHER:

REMARKS: .

MECHANICAL

HVAC system: - Air Supply: -
 Min. # of air changes/hr.: - Air Exhaust: -

LAVS: **Yes** Number: **Min. Per Code** Fixture: -
 Water Closet: **Yes** Number: **Min. Per Code** Fixture: -
 Urinal: **No** Number: **-Min. Per Code** Fixture: -

Drinking Fountain: - Room Thermostat: -
 Floor Drain: **1 per every 25m² or portion thereof** Drain Type: -

Other:

Comments: -

ELECTRICAL

Receptacles: **1 per lavatory**
 Switches: Low Voltage - Dimmer -
 (Qty.): - (Qty.): -
 Other: -

Emergency Lighting Required:
 Lighting Type: **LED** Lighting Level (Lux): **200** -
 -

Communications:
 Fire Alarm to OBC3.2.4: - P.A. System Coverage Required: **Yes**

T.V. Outlet -
 (Qty.):

CAN_DMS: \132040802\1

- Telephone/Data Outlet (Qty.) -
- Security Requirements: -
- A/V Systems: -

- Comments: -

NOTES

RFP: Request for Quotation
OESC: Ontario Electrical Safe Code

Building	Moodie LMSF Maintenance Building						
Room Name:	Vehicle Maintenance Shop					Room Number:	NA

ARCHITECTURAL

Function: Workshop and Storage Net Area: **30** m2 Number of Occupants: **4**
 Fire Rating: **NA** Barrier Free: **Yes**

ROOM CHARACTERISTICS

Sound Control: **Standard** Special Ceiling Conditions:
 STC Rating: **45** Special Floor Conditions
 Other: - Special Wall Conditions :

ROOM FINISHES

Floor: **SC** Base: **RB** Wall: **PT, 1220mm painted 19mm plywood A/C exterior grade all walls or other impact resistant material of similar performance**

Ceiling: **NA** Millwork:
 Doors (Size): **1800x2100** Type: Fire Rating: Hardware: **Access Control**
 O/H Doors (Size): Type: - Fire Rating: - Hardware: -
 Windows: - Frame: - Fire Rating: - Glazing: -
 Wind Screens: - Frame: - Fire Rating: - Glazing: -
 Security Barriers: - Frame: - Fire Rating: - Glazing: -

MILLWORK

Counter: - Matl: - Comment:
 Shelving: - Matl: - Comment: -

FIXTURES: -

EQUIPMENT:

OTHER: **First floor, direct access to main shop**

REMARKS:

MECHANICAL

HVAC system:	Standard office	Air Supply:	Standard Office
Min. # of air changes/hr.:	-	Air Exhaust:	Ceiling
LAVS:	-	Number:	-
Water Closet:	-	Number:	-
Urinal:	-	Number:	-
Drinking Fountain:	-	Room Thermostat:	No
Floor Drain:	-	Drain Type:	-
Other:			

Comments:

ELECTRICAL

Receptacles:	Minimum 10 120VAC/15A duplex outlets at 1000mm AFF		
Switches:	Low Voltage	-	Dimmer
	(Qty.):		(Qty.):
	Other:	-	
Emergency Lighting Required:	All lighting on backup power (genset)		
Lighting Type:	LED	Lighting Level (Lux):	500 -
Communications:	Minimum 4 network data outlets		
Fire Alarm to OBC3.2.4:	-	P.A. System Coverage Required:	Yes
T.V. Outlet (Qty.):	-		
Telephone/Data Outlet (Qty.):	(1) Wall mounted		
Security Requirements:	Provide access control hardware		
A/V Systems:	-		

Comments: **Coordinate location of power/data outlets with RTG**

NOTES

Building	Moodie LMSF Maintenance Building						
Room Name:	Phase 1 Shop Storage					Room Number:	NA

ARCHITECTURAL

Function: Storage Net Area: 90 m² Number of Occupants: NA
 Fire Rating: NA Barrier Free: Yes

ROOM CHARACTERISTICS

Sound Control: Standard Special Ceiling Conditions:
 STC Rating: 45 Special Floor Conditions
 Other: - Special Wall Conditions :

ROOM FINISHES

Floor: SC Base: Wall: PT
 Ceiling: NA Millwork:
 Doors (Size): 900x2100 Type: Fire Rating: Hardware: Access Control
 O/H Doors (Size): Type: - Fire Rating: - Hardware: -
 Windows: - Frame: - Fire Rating: - Glazing: -
 Wind Screens: - Frame: - Fire Rating: - Glazing: -
 Security Barriers: - Frame: - Fire Rating: - Glazing: -

MILLWORK

Counter: - Mat: - Comment:
 Shelving: - Mat: - Comment: -

FIXTURES: -

EQUIPMENT:

OTHER: Heavy duty pallet rack shelving, min 500 kg/m²; 600mm deep, min. 200 lm; brace at floor and floor deck above

REMARKS:

MECHANICAL

HVAC system:	Heat and ventilation only	Air Supply:	Standard Office, Ceiling
Min. # of air changes/hr.:	-	Air Exhaust:	Ceiling
LAVS:	-	Number:	-
Water Closet:	-	Number:	-
Urinal:	-	Number:	-
Drinking Fountain:	-	Room Thermostat:	No
Floor Drain:	-	Drain Type:	-
Other:			

Comments:

ELECTRICAL

Receptacles:	Minimum four outlets at workstation; every 6,000mm along walls		
Switches:	Low Voltage	-	Dimmer
	(Qty.):		(Qty.):
	Other:	-	
Emergency Lighting Required:	All lighting on backup power (genset)		
Lighting Type:	LED	Lighting Level (Lux):	300 -
Communications:			
Fire Alarm to OBC3.2.4:	-	P.A. System Coverage Required:	Yes
T.V. Outlet (Qty.):	-		
Telephone/Data Outlet (Qty.):	1 wall mounted		
Security Requirements:	Provide access control hardware		
A/V Systems:	-		
Comments:	-		

NOTES

Building	Moodie LMSF Maintenance Building						
Room Name:	Phase 2 & 3 Shop Storage					Room Number:	NA

ARCHITECTURAL

Function: Storage Net Area: 300 m² Number of Occupants: NA
 Fire Rating: NA Barrier Free: Yes

ROOM CHARACTERISTICS

Sound Control: Standard Special Ceiling Conditions:
 STC Rating: 45 Special Floor Conditions
 Other: - Special Wall Conditions :

ROOM FINISHES

Floor: SC Base: Wall: PT
 Ceiling: NA Millwork:
 Doors (Size): 900x2100 Type: Fire Rating: Hardware: Access Control
 O/H Doors 3660x3660 Type: - Fire Rating: - Hardware: -
 (Size): min.
 Windows: - Frame: - Fire Rating: - Glazing: -
 Wind Screens: - Frame: - Fire Rating: - Glazing: -
 Security Barriers: - Frame: - Fire Rating: - Glazing: -

MILLWORK

Counter: - Mat: - Comment:
 Shelving: - Mat: - Comment: -

FIXTURES: -

EQUIPMENT:

OTHER: Heavy duty industrial pallet rack shelving, min 500 kg/m²; 600mm deep, min. 400 lm; brace at floor and floor deck above

REMARKS: Provide 200m² storage on ground floor and 100m² on mezzanine; mezzanine shall be accessible with monorail crane from adjacent light maintenance track.

MECHANICAL

HVAC system:	Heat and ventilation only	Air Supply:	Standard Office, Ceiling
Min. # of air changes/hr.:	-	Air Exhaust:	Ceiling
LAVS:	-	Number:	-
Water Closet:	-	Number:	-
Urinal:	-	Number:	-
Drinking Fountain:	-	Room Thermostat:	No
Floor Drain:	-	Drain Type:	-
Other:			

Comments:

ELECTRICAL

Receptacles:	Minimum four outlets at workstation; every 6,000mm along walls		
Switches:	Low Voltage	-	Dimmer
	(Qty.):		(Qty.):
	Other:	-	
Emergency Lighting Required:	All lighting on backup power (genset)		
Lighting Type:	LED	Lighting Level (Lux):	300 -
Communications:			
Fire Alarm to OBC3.2.4:	-	P.A. System Coverage Required:	Yes
T.V. Outlet (Qty.):	-		
Telephone/Data Outlet (Qty.):	1 wall mounted		
Security Requirements:	Provide access control hardware		
A/V Systems:	-		
Comments:	-		

NOTES

Moodie LMSF Office Building	Moodie LMSF Office Building						
Room Name:	Janitor's Closet					Room Number:	NA

ARCHITECTURAL

Function: Janitor's Closet Net Area: **4** m2 Number of Occupants: **NA**
 Fire Rating: **NA** Barrier Free: **Yes**

ROOM CHARACTERISTICS

Sound Control: **Standard** Special Ceiling Conditions:
 STC Rating: **55** Special Floor Conditions
 Other: - Special Wall Conditions :

ROOM FINISHES

Floor: **PCT** Base: **CT** Wall: **PT/1220mm CT Wainscot**
 Ceiling: **LAT** Millwork:
 Doors (Size): **900x2100** Type: **SC** Fire Rating: **Varies** Hardware: **Access Control;**
 O/H Doors (Size): Type: - Fire Rating: - Hardware: -
 Windows: Frame: - Fire Rating: - Glazing: -
 Wind Screens: - Frame: - Fire Rating: - Glazing: -
 Security Barriers: - Frame: - Fire Rating: - Glazing: -

MILLWORK

Counter: - Matl: Comment:
 Shelving: **Minimum 150 x450 (mm)** Matl: **SS** Comment:

FIXTURES: **One porcelain coated cast iron floor mounted janitorial sink, mop racks**

EQUIPMENT: -

OTHER: -

REMARKS: .

MECHANICAL

HVAC system:	-	Air Supply:	Undercut door
Min. # of air changes/hr.:	-	Air Exhaust:	100%
LAVS:	Janitorial	Number:	Min. Per Code
Water Closet:	No	Number:	Min. Per Code
Urinal:	No	Number:	-Min. Per Code
Drinking Fountain:	-	Room Thermostat:	No
Floor Drain:	1 per every 25m² or portion thereof	Drain Type:	-
Other:			

Comments: -

ELECTRICAL

Receptacles:	1 quad		
Switches:	Low Voltage	-	Dimmer
	(Qty.):		(Qty.):
	Other:	-	
Emergency Lighting Required:			
Lighting Type:	LED	Lighting Level (Lux):	300 -
Communications:			
Fire Alarm to OBC3.2.4:	-	P.A. System Coverage Required:	Yes
T.V. Outlet (Qty.):	-		
Telephone/Data Outlet (Qty.):	-		
Security Requirements:	Access Control		
A/V Systems:	-		

CAN_DMS: \132040802\1

Comments: -

NOTES

RFP: Request for Quotation

OESC: Ontario Electrical Safe Code

Building	Moodie LMSF Office Building						
Room Name:	Operator's Locker/Break/Day Room					Room Number:	NA

ARCHITECTURAL

Function: Waiting Room for Transportation Crews Net Area: **55** m2 Number of Occupants: **16**
 Fire Rating: **NA** Barrier Free: **Yes**

ROOM CHARACTERISTICS

Sound Control: **Standard** Special Ceiling Conditions:
 STC Rating: **45** Special Floor Conditions
 Other: - Special Wall Conditions :

ROOM FINISHES

Floor: **VCT** Base: **RB** Wall: **PT**
 Ceiling: **LAT** Millwork:
 Doors (Size): **900x2100** Type: Fire Rating: **Per code** Hardware: **Latch**
 O/H Doors (Size): Type: - Fire Rating: - Hardware: -
 Windows: **Provide daylighting** Frame: - Fire Rating: - Glazing: -
 Wind Screens: - Frame: - Fire Rating: - Glazing: -
 Security Barriers: - Frame: - Fire Rating: - Glazing: -

MILLWORK

Counter: **Kitchenette case work; Computer station** Matl: **HPL at computer; solid surface at kitchenette** Comment:
 Shelving: **Single adjustable lowers two adjustable uppers** Matl: **HPL** Comment:

FIXTURES: Furnish painted metal lockers including those as required for accessibility. Provide benches where required for accessibility. Lockers shall be size in accordance with the City of Ottawa Standards for Interior Design and shall be provided in sufficient number at each location for opening day of service needs.

Provide floor area, water, floor sink and electrical for not less than two vending machines

EQUIPMENT: Provide (1) 1220mm LCD monitor and connection to digital broadcast media (cable TV).

OTHER: Seating at table for not less than eight, with full room capacity of not less than 16. Provide minimum two computer workstations for crews, min. 900mm wide x 900mm deep work station (seated) with side vision screens (carrel set-up).

REMARKS: Network connectivity and power to be provided at workstations

MECHANICAL

HVAC system:	Standard office	Air Supply:	Standard Office, Ceiling
Min. # of air changes/hr.:	-	Air Exhaust:	Ceiling
LAVS:	-	Number:	-
Water Closet:	-	Number:	-
Urinal:	-	Number:	-
Drinking Fountain:	-	Room Thermostat:	Yes
Floor Drain:	-	Drain Type:	-
Other:			

Comments:

ELECTRICAL

Receptacles:	Standard office, at ea. comp. station, and at counter		
Switches:	Low Voltage	-	Dimmer
	(Qty.):		(Qty.):
	Other:	-	
Emergency Lighting Required:	All lighting on backup power (genset) and UPS		
Lighting Type:	LED	Lighting Level (Lux):	200 -
Communications:			
Fire Alarm to OBC3.2.4:	-	P.A. System Coverage Required:	Yes
T.V. Outlet (Qty.):	Wall mounted		
Telephone/Data Outlet (Qty.):	- Standard; 2 computer		
Security Requirements:	-		

CAN_DMS: \132040802\1

A/V Systems: **See above**

Comments: -

NOTES

Building	Moodie LMSF Office Building						
Room Name:	Operator's Lunch Room					Room Number:	NA

ARCHITECTURAL

Function: Lunch Room for Transportation Crews Net Area: **33** m2 Number of Occupants: **8**
 Fire Rating: **NA** Barrier Free: **Yes**

ROOM CHARACTERISTICS

Sound Control: **Standard** Special Ceiling Conditions:
 STC Rating: **45** Special Floor Conditions
 Other: - Special Wall Conditions :

ROOM FINISHES

Floor: **VCT** Base: **RB** Wall: **PT**
 Ceiling: **LAT** Millwork:
 Doors (Size): **900x2100** Type: Fire Rating: **Per code** Hardware: **Latch**
 O/H Doors (Size): Type: - Fire Rating: - Hardware: -
 Windows: **Provide daylighting** Frame: - Fire Rating: - Glazing: -
 Wind Screens: - Frame: - Fire Rating: - Glazing: -
 Security Barriers: - Frame: - Fire Rating: - Glazing: -

MILLWORK

Counter: **Kitchenette case work; Computer station** Matl: **solid surface** Comment:
 Shelving: **Single adjustable lowers two adjustable uppers** Matl: **HPL** Comment:

FIXTURES: **Provide casework with stainless steel kitchen sink with waste disposer, countertop space sufficient for coffee maker and microwave plus 100% linear open; full length overhead cabinets**
Provide floor area, water, floor sink and electrical for not less than two vending machines

EQUIPMENT: **Provide microwave, coffee maker, 480 litre frost free refrigerator-freezer**

OTHER: Seating at table for not less than six, with full room capacity of not less than 8.

REMARKS:

MECHANICAL

HVAC system:	Standard office	Air Supply:	Standard Office, Ceiling
Min. # of air changes/hr.:	-	Air Exhaust:	Ceiling
LAVS:	-	Number:	-
Water Closet:	-	Number:	-
Urinal:	-	Number:	-
Drinking Fountain:	-	Room Thermostat:	Yes
Floor Drain:		Drain Type:	-
Other:			

Comments:

ELECTRICAL

Receptacles:	Standard office and at counter		
Switches:	Low Voltage -	Dimmer -	
	(Qty.):	(Qty.):	
	Other: -		
Emergency Lighting Required:	All lighting on backup power (genset) and UPS		
Lighting Type:	LED	Lighting Level (Lux):	200 -
Communications:			
Fire Alarm to OBC3.2.4:	-	P.A. System Coverage Required:	Yes
T.V. Outlet (Qty.):	Wall mounted		
Telephone/Data Outlet (Qty.):	- Standard		
Security Requirements:	-		

CAN_DMS: \132040802\1

A/V Systems: **See above**

Comments: -

NOTES

Building	Moodie LMSF Office Building						
Room Name:	Open Office					Room Number:	NA

ARCHITECTURAL

Function: OC Transpo Open Office Net Area: 50 m² Number of Occupants: 5
Fire Rating: NA Barrier Free: Yes

ROOM CHARACTERISTICS

Sound Control: Standard Special Ceiling Conditions:
STC Rating: 45 Special Floor Conditions
Other: - Special Wall Conditions :

ROOM FINISHES

Floor: VCT Base: RB Wall: PT
Ceiling: LAT Millwork:
Doors (Size): 900x2100 Type: Fire Rating: Hardware: Access Control
O/H Doors (Size): Type: - Fire Rating: - Hardware: -
Windows: Required Frame: - Fire Rating: - Glazing: -
Wind Screens: - Frame: - Fire Rating: - Glazing: -
Security Barriers: - Frame: - Fire Rating: - Glazing: -

MILLWORK

Counter: - Mat: - Comment:
Shelving: - Mat: - Comment: -

FIXTURES: (5) 7.5m² office cubicles with “L” shaped work surfaces, (2) two-drawer pedestals, full upper cabinets with under cabinet lighting; 1 task chair per cubicle; 1 data and 4 duplex power connections below counter, integral with system furniture. 1370mm partition on open side and 1780 elsewhere.

Data and power connection for office copier/printer

EQUIPMENT:

OTHER:

REMARKS: In suite with Supervisor's Office.

The Open Offices and the Operators' Day Room (aka Break Room) shall be immediately adjacent. One of the work stations in the Open Office Area shall have an operable (sliding) window into the Operators' Day Room to facilitate Dispatch of Drivers. Additionally a stainless steel cabinet with doors on either side of the wall, measuring in area approximately 0.42 metres square and 200mm deep, shall be provided for storage and charging of driver radios. Access control shall be provided on the Day Room side; locking is not required on the Open Office side. Stainless steel shelving and charging connections shall be provided for 24 radios.

MECHANICAL

HVAC system:	Standard office	Air Supply:	Standard Office, Ceiling
Min. # of air changes/hr.:	-	Air Exhaust:	Ceiling
LAVS:	-	Number:	-
Water Closet:	-	Number:	-
Urinal:	-	Number:	-
Drinking Fountain:	-	Room Thermostat:	Yes
Floor Drain:		Drain Type:	-
Other:			

Comments:

ELECTRICAL

Receptacles:	Minimum four outlets at workstation	Dimmer (Qty.):	Yes
Switches:	Low Voltage (Qty.): -		
	Other: -		
Emergency Lighting Required:	All lighting on backup power (genset)		
Lighting Type:	LED	Lighting Level (Lux):	500 -
Communications:			
Fire Alarm to OBC3.2.4:	-	P.A. System Coverage Required:	Yes
T.V. Outlet (Qty.):	-		
Telephone/Data Outlet (Qty.):	Standard plus data and power for each cubicle		
Security Requirements:	Access Control		
A/V Systems:	-		

CAN_DMS: \132040802\1

Comments: -

NOTES

Building	Moodie LMSF Office Building						
Room Name:	Transportation Quiet Room					Room Number:	NA

ARCHITECTURAL

Function: Quite Room for OC Transpo Crew Net Area: **16** m2 Number of Occupants: **4**
 Fire Rating: **NA** Barrier Free: **Yes**

ROOM CHARACTERISTICS

Sound Control: **Standard** Special Ceiling Conditions:
 STC Rating: **45** Special Floor Conditions
 Other: - Special Wall Conditions :

ROOM FINISHES

Floor: **CPT** Base: **RB** Wall: **PT**
 Ceiling: **LAT** Millwork:
 Doors (Size): **900x2100** Type: Fire Rating: Hardware: **Latch**
 O/H Doors (Size): Type: - Fire Rating: - Hardware: -
 Windows: - Frame: - Fire Rating: - Glazing: -
 Wind Screens: - Frame: - Fire Rating: - Glazing: -
 Security Barriers: - Frame: - Fire Rating: - Glazing: -

MILLWORK

Counter: - Matl: - Comment:
 Shelving: - Matl: - Comment: -

FIXTURES: -

EQUIPMENT:

OTHER:

REMARKS:

MECHANICAL

HVAC system:	Standard office	Air Supply:	Standard Office, Ceiling
Min. # of air changes/hr.:	-	Air Exhaust:	Ceiling
LAVS:	-	Number:	-
Water Closet:	-	Number:	-
Urinal:	-	Number:	-
Drinking Fountain:	-	Room Thermostat:	Yes
Floor Drain:	-	Drain Type:	-
Other:			

Comments:

ELECTRICAL

Receptacles:	Minimum four outlets at workstation		
Switches:	Low Voltage -	Dimmer	Yes
	(Qty.):	(Qty.):	
	Other: -		
Emergency Lighting Required:	All lighting on backup power (genset) and UPS		
Lighting Type:	LED	Lighting Level (Lux):	200 -
	Individually controlled task lighting to be provided at work station		
Communications:			
Fire Alarm to OBC3.2.4:	-	P.A. System Coverage Required:	Yes
T.V. Outlet (Qty.):	-		
Telephone/Data Outlet (Qty.):	Standard		
Security Requirements:	-		
A/V Systems:	-		
Comments:	-		

NOTES

Building	Moodie LMSF Office Building						
Room Name:	OC Transpo Server					Room Number:	NA

ARCHITECTURAL

Function: OC Transpo Computer Equip. Net Area: 60 m2 Number of Occupants: 1
 Fire Rating: 1-hr Barrier Free: Yes

ROOM CHARACTERISTICS

Sound Control: Standard Special Ceiling Conditions:
 STC Rating: 55 Special Floor Antistatic raised access floor
 Other: - Special Wall Conditions :

ROOM FINISHES

Floor: RAF Base: RB Wall: PT/minimum 10m² comm. backboard
 Ceiling: LAT Millwork:
 Doors (Size): 900x2100 Type: Fire Rating: 20 Hardware: Access Control
 O/H Doors (Size): Type: - Fire Rating: - Hardware: -
 Windows: Frame: - Fire Rating: - Glazing: -
 Wind Screens: - Frame: - Fire Rating: - Glazing: -
 Security Barriers: - Frame: - Fire Rating: - Glazing: -

MILLWORK

Counter: - Mat: Comment:
 Shelving: - Mat: Comment:

FIXTURES: -

EQUIPMENT: -

OTHER: -

REMARKS: Will serve as SER Room.

MECHANICAL

HVAC system:	3x Redundant Data Center Type	Air Supply:	Below floor (see comments)
Min. # of air changes/hr.:	-	Air Exhaust:	Ceiling
LAVS:	-	Number:	-
Water Closet:	-	Number:	-
Urinal:	-	Number:	-
Drinking Fountain:	-	Room Thermostat:	-
Floor Drain:	-	Drain Type:	-
Other:	Provide clean agent and pre-action fire sprinkler system.		

Comments: **Provide minimum 3-tons HVAC. System shall be on emergency backup power (genset). Volume shall be controllable at each diffuser.**

ELECTRICAL

Receptacles:	Under floor, on emergency backup power		
Switches:	Low Voltage	-	Dimmer
	(Qty.):		(Qty.):
	Other:	-	
Emergency Lighting Required:	All lighting on backup power (genset) and UPS		
Lighting Type:	LED	Lighting Level (Lux):	200 -
Communications:	Tie to OC Transpo [REDACTED]		
Fire Alarm to OBC3.2.4:	-	P.A. System Coverage Required:	Yes
T.V. Outlet (Qty.):	-		
Telephone/Data Outlet (Qty.):	1		
Security Requirements:	Provide access control hardware		
A/V Systems:	-		
Comments:	Fire stop all conduit		

NOTES

RFP: Request for Quotation

CAN_DMS: \132040802\1

OESC: Ontario Electrical Safe Code

Building	Moodie LMSF Office Building						
Room Name:	Storage					Room Number:	NA

ARCHITECTURAL

Function: Storage area for OC Transpo Staff Net Area: 20 m2 Number of Occupants: -
 Fire Rating: None Barrier Free: Yes

ROOM CHARACTERISTICS

Sound Control: Standard Special Ceiling Conditions:
 STC Rating: 45 Special Floor Conditions
 Other: - Special Wall Conditions Provide wall protection to 2m above finished floor, sufficient to resist damage from carts

ROOM FINISHES

Floor: ERC Base: FRP Wall: FRP to 2400mm AFF
 Ceiling: PMC Millwork:
 Doors (Size): 1800x2100 Type: Fire Rating: - Hardware: Access Control
 O/H Doors (Size): Type: - Fire Rating: - Hardware: -
 Windows: - Frame: - Fire Rating: - Glazing: -
 Wind Screens: - Frame: - Fire Rating: - Glazing: -
 Security Barriers: - Frame: - Fire Rating: - Glazing: -

MILLWORK

Counter: - Matl: Comment:
 Shelving: Steel Adjustable Matl: Comment: Minimum 54m adjustable shelving (4 tiers) 610mm deep; 300 kg per 1000mm load capacity

FIXTURES: -

EQUIPMENT: Heavy duty industrial shelving, min 500 kg/m²; 600mm deep, min. 100 lm; brace at floor and floor deck above

OTHER: -

REMARKS:

MECHANICAL

HVAC system:	Typical office	Air Supply Exhaust:	-
Min. # of air changes/hr.:	-	Air Exhaust:	-
LAVS:	-	Number:	-
Water Closet:	-	Fixture:	-
Urinal:	-	Number:	-
		Fixture:	-
Drinking Fountain:	-	Room Thermostat:	-
Floor Drain:	-	Drain Type:	-
Other:			
Comments:	-		

ELECTRICAL

Receptacles:	One per each cart stall; one duplex on each wall minimum		
Switches:	Low Voltage (Qty.):	-	Dimmer (Qty.): -
	Other:	-	
Emergency Lighting Required:	Exit level only		
Lighting Type:	LED	Lighting Level (Lux):	400 -
Communications:	-		
Fire Alarm to OBC3.2.4:	-	P.A. System Coverage Required:	Yes
T.V. Outlet (Qty.):	-		
Telephone/Data Outlet (Qty.):	1		
Security Requirements:	Access Control		
A/V Systems:	-		

Comments: -

NOTES

RFP: Request for Quotation

OESC: Ontario Electrical Safe Code

Building	Moodie LMSF Office Building						
Room Name:	Transportation Supervisors					Room Number:	NA

ARCHITECTURAL

Function: Office for OC Transpo Crew Supervisor Net Area: 18 m2 Number of Occupants: 2
 Fire Rating: NA Barrier Free: Yes

ROOM CHARACTERISTICS

Sound Control: Standard Special Ceiling Conditions:
 STC Rating: 45 Special Floor Conditions
 Other: - Special Wall Conditions :

ROOM FINISHES

Floor: CPT Base: RB Wall: PT
 Ceiling: LAT Millwork:
 Doors (Size): 900x2100 Type: Fire Rating: Hardware: Access Control
 O/H Doors (Size): Type: - Fire Rating: - Hardware: -
 Windows: - Frame: - Fire Rating: - Glazing: -
 Wind Screens: - Frame: - Fire Rating: - Glazing: -
 Security Barriers: - Frame: - Fire Rating: - Glazing: -

MILLWORK

Counter: - Matl: - Comment:
 Shelving: - Matl: - Comment: -

FIXTURES: -

EQUIPMENT:

OTHER:

REMARKS: All OC Transpo communications systems shall be accessible from this room. Provide 2 each of: desk, credenza, book shelving, and guest chair.

MECHANICAL

HVAC system:	Standard office	Air Supply:	Standard Office, Ceiling
Min. # of air changes/hr.:	-	Air Exhaust:	Ceiling
LAVS:	-	Number:	-
Water Closet:	-	Number:	-
Urinal:	-	Number:	-
Drinking Fountain:	-	Room Thermostat:	Yes
Floor Drain:	-	Drain Type:	-
Other:			

Comments:

ELECTRICAL

Receptacles:	Minimum four outlets at workstation		
Switches:	Low Voltage	-	Dimmer
	(Qty.):		(Qty.):
	Other:	-	
Emergency Lighting Required:	All lighting on backup power (genset) and UPS		
Lighting Type:	LED	Lighting Level (Lux):	200 -
	Individually controlled task lighting to be provided at work station		
Communications:			
Fire Alarm to OBC3.2.4:	-	P.A. System Coverage Required:	Via phone system only
T.V. Outlet (Qty.):	Wall mounted		
Telephone/Data Outlet (Qty.):	Standard		
Security Requirements:	Provide access control hardware		
A/V Systems:	-		

Comments: -

NOTES

Building	Moodie LMSF Office Building						
Room Name:	Yard Control Centre					Room Number:	NA

ARCHITECTURAL

Function: Yard Control and Redundant Operations Control Centre Net Area: **30** m2 Number of Occupants: **3**
 Fire Rating: **1-hr** Barrier Free: **Yes**

ROOM CHARACTERISTICS

Sound Control: **Standard** Special Ceiling Conditions:
 STC Rating: **45** Special Floor: **Antistatic raised access floor**
 Other: - Special Wall Conditions :

ROOM FINISHES

Floor: **VCT** Base: **RB** Wall: **PT**
 Ceiling: **LAT** Millwork:
 Doors (Size): **900x2100** Type: Fire Rating: **20** Hardware: **Access Control**
 O/H Doors (Size): Type: - Fire Rating: - Hardware: -
 Windows: **Brise Soleil** Frame: - Fire Rating: - Glazing: -
 Wind Screens: - Frame: - Fire Rating: - Glazing: -
 Security Barriers: - Frame: - Fire Rating: - Glazing: -

MILLWORK

Counter: - Matl: **SS** Comment:
 Shelving: - Matl: **SS** Comment:

FIXTURES: **YCC workstations will require space for 7 monitors all associated peripherals: 2 monitors for CBTC, 2 for SCADA, 1 for P25 Radio touchscreen, 1 for CCTV, 1 for ProjectCo business network**

EQUIPMENT:

OTHER: **Provide minimum two YCC workstations. To the fullest extent possible, YCC Workstations shall have panoramic view of yard in south and west directions. Provide one workstation for OC Transpo.**

REMARKS: **All OC Transpo communications systems shall be accessible from the OC Transpo workstation; workstations shall have functionality of similar capacity to those at the primary OCC.**

MECHANICAL

HVAC system:	Typical office	Air Supply:	-
Min. # of air changes/hr.:	-	Air Exhaust:	Ceiling
LAVS:	-	Number:	-
Water Closet:	-	Number:	-
Urinal:	-	Number:	-
Drinking Fountain:	-	Room Thermostat:	Yes
Floor Drain:	-	Drain Type:	-
Other:			

Comments: **Provide one diffuser per YCC workstation and not less than one per every 10m² or portion thereof. System shall be on emergency backup power (genset). HVAC volume shall be controllable at each workstation**

ELECTRICAL

Receptacles:	Minimum four outlets per workstation		
Switches:	Low Voltage (Qty.):	-	Dimmer (Qty.): One dimmer to serve room
	Other:	-	
Emergency Lighting Required:	All lighting on backup power (genset) and UPS		
Lighting Type:	LED	Lighting Level (Lux):	200 -
	Individually controlled task lighting to be provided at each work station		
Communications:			
Fire Alarm to OBC3.2.4:	-	P.A. System Coverage Required:	Yes
T.V. Outlet (Qty.):	Minimum 1320mm LCD display at north wall,		
Telephone/Data Outlet (Qty.):	Minimum four outlets per workstation and at each LCD display		
Security Requirements:	Provide access control hardware		
A/V Systems:	3 1320mm wall mounted LCD displays to be provided which are capable of displaying various CBTC and SCADA displays as required by YCC staff		

Comments: -

NOTES

RFP: Request for Quotation

OESC: Ontario Electrical Safe Code

Building	Moodie LMSF Office Building						
Room Name:	Typical Multiple-Occupant Wash Room					Room Number:	NA

ARCHITECTURAL

Function: Wash Room Net Area: 45 m2 Number of Occupants: Varies
 Fire Rating: NA Barrier Free: Yes

ROOM CHARACTERISTICS

Sound Control: Standard Special Ceiling Conditions:
 STC Rating: 55 Special Floor Conditions
 Other: - Special Wall Conditions :

ROOM FINISHES

Floor: PCT Base: CT Wall: PT/1220mm CT Wainscot
 Ceiling: LAT Millwork:
 Doors (Size): 900x2100 Type: SC Fire Rating: Varies Hardware: Class/Self Closing
 O/H Doors (Size): Type: - Fire Rating: - Hardware: -
 Windows: Frame: - Fire Rating: - Glazing: -
 Wind Screens: - Frame: - Fire Rating: - Glazing: -
 Security Barriers: - Frame: - Fire Rating: - Glazing: -

MILLWORK

Counter: - Mat: Comment:
 Shelving: Minimum 150 x450 (mm) Mat: SS Comment: Above urinals, water closets, lavatories

FIXTURES: As required by code but not less than one urinal and one toilet per men’s wash room and two toilets per women’s wash room. Washrooms shall have not less than two lavatories. Provide stainless steel shelving above all fixtures

EQUIPMENT: -

OTHER: Shower rooms shall be provided in the main wash rooms or locker rooms serving OC Transpo transportation crews. Floors shall be PCT, walls full height CT. Showers shall be individual occupancy with a lockable door and may be accessed independently from wash rooms.

REMARKS: Multi-occupant OC Transpo Crew Wash Rooms shall be accessible from within the dedicated OC Transpo suite only. Dedicated and properly sized wash rooms shall be provided separately for office areas and maintenance areas to limit soiling. Finishes shall be appropriate for each.

MECHANICAL

HVAC system:	-	Air Supply:	-
Min. # of air changes/hr.:	-	Air Exhaust:	-
LAVS:	Yes	Number:	Min. Per Code
Water Closet:	Yes	Number:	Min. Per Code
Urinal:	Yes	Number:	-Min. Per Code
Drinking Fountain:	-	Room Thermostat:	-
Floor Drain:	1 per every 25m² or portion thereof	Drain Type:	-
Other:			

Comments: Shower rooms shall have 100% exhaust air

ELECTRICAL

Receptacles:	1 per lavatory		
Switches:	Low Voltage	-	Dimmer
	(Qty.):		(Qty.):
	Other:	-	
Emergency Lighting Required:			
Lighting Type:	LED	Lighting Level (Lux):	300
	-		-
Communications:			
Fire Alarm to OBC3.2.4:	-	P.A. System Coverage Required:	Yes
T.V. Outlet (Qty.):	-		
Telephone/Data Outlet (Qty.):	-		
Security Requirements:	-		
A/V Systems:	-		

Comments: -

NOTES

RFP: Request for Quotation

OESC: Ontario Electrical Safe Code