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189 Prince William Street
Room 421
Saint John
New Brunswick
E2L 2B9

SOLICITATION AMENDMENT
MODIFICATION DE L'INVITATION

The referenced document is hereby revised; unless otherwise indicated, all other terms and conditions of the Solicitation remain the same.

Ce document est par la présente révisé; sauf indication contraire, les modalités de l'invitation demeurent les mêmes.

Comments - Commentaires

Vendor/Firm Name and Address
Raison sociale et adresse du
fournisseur/de l'entrepreneur

Issuing Office - Bureau de distribution
Public Works Government Services Canada- Bid
Receiving / Réception des soumissions
189 Prince William Street
Room 421
Saint John
New Bruns
E2L 2B9

Title - Sujet Food Service Bldg Westmorland Inst	
Solicitation No. - N° de l'invitation EC016-141832/A	Amendment No. - N° modif. 003
Client Reference No. - N° de référence du client EC016-141832	Date 2014-01-17
GETS Reference No. - N° de référence de SEAG PW-\$PWB-020-3350	
File No. - N° de dossier PWB-3-36100 (020)	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2014-01-23	Time Zone Fuseau horaire Atlantic Standard Time AST
F.O.B. - F.A.B. Plant-Usine: <input type="checkbox"/> Destination: <input type="checkbox"/> Other-Autre: <input type="checkbox"/>	
Address Enquiries to: - Adresser toutes questions à: Donovan, Janine PWB	Buyer Id - Id de l'acheteur pwb020
Telephone No. - N° de téléphone (506) 636-5347 ()	FAX No. - N° de FAX (506) 636-4376
Destination - of Goods, Services, and Construction: Destination - des biens, services et construction:	

Instructions: See Herein

Instructions: Voir aux présentes

Delivery Required - Livraison exigée	Delivery Offered - Livraison proposée
Vendor/Firm Name and Address Raison sociale et adresse du fournisseur/de l'entrepreneur	
Telephone No. - N° de téléphone Facsimile No. - N° de télécopieur	
Name and title of person authorized to sign on behalf of Vendor/Firm (type or print) Nom et titre de la personne autorisée à signer au nom du fournisseur/ de l'entrepreneur (taper ou écrire en caractères d'imprimerie)	
Signature	Date

Cette modification de l'invitation numéro trois (3) est soumise et comprend la modification numéro trois (3) suivante.

La modification qui suit apportée aux documents de soumission entre en vigueur dès maintenant. L'addenda fera partie des documents de contrat.

Toutes autres conditions ne changent pas.

Addenda numéro 3

QUESTIONS AND CLARIFICATIONS:

1. We have two questions on this project so far.
 - .1 First, we need to know how far away the remote refrigeration units will be from the walk-in boxes that they feed? The drawings don't show them.

Answer: *The condenser units for the walk-in freezers and coolers are shown on the architectural roof plan and mechanical drawings. The units are located on the roof as closely as possible to the walk-in rooms below that each condenser unit serves.*

- .2 Second, there is a Cook-Chill system that is to be installed by us but provided by the Owner. When we bid the Cook-Chill package with the Federal Government, they asked us to provide pricing for the Supply and Install of those items. Is this really in our scope, or covered by the company providing the system?

Answer: *The Owner will only be supplying certain designated items of food service equipment. The installation and commissioning of the Owner supplied food service equipment is part of the scope of this contract.*

2. Where does the sprinkler contract start? Is the underground brought inside the building for the sprinkler contractor to start at a flange?

Answer: *Site contractor to install Fire Protection Service Line (150mm) up to and including the flange located above finished floor level in Mechanical Room.*

3. Is a double check valve assembly required?

Answer: *No.*

4. Is galvanized pipe required on the dry pipe system?

Answer: *Yes.*

5. Is a control valve required for the electrical room?

Answer: *Provide supervised shut off valve on sprinkler serving electrical room.*

6. The dry pipe system (Zone #3) shows regular pendent heads to be installed in the ceiling. Shouldn't all these heads be dry pendent as required by NFPA 13E.

Answer: *All heads serving Zone #3 shall be dry pendant.*

7. Par 3.1 of Section 21 05 05 states that we are responsible for painting as per section 09 91 00. Shouldn't the painting be by part of the painter's contract and not the sprinkler's contract?

Answer: *Painting shall be completed in accordance with 09 91 00.*

8. Section 23 52 00, sub section 2.1.9.4 mentions the following " The controls shall integrate with the building management system and guarded plant panel as required" and on drawing M4.3 in the sequence for the boiler it mentions for the EMCS to enable/disable the boilers and monitor alarms. Would it be possible to get some clarification if the guarded plant needs to be tied to the Controls System as well as monitoring the alarms. Would we have to monitor the alarms through the EMCS as well as the guarded plant. We do offer a guarded plant package that we have installed in many buildings already but this would be standalone and not tied to the EMCS.

Answer: *The Guarded Plant is not required to connect to the EMCS.*

9. Section 23 72 00, sub section 2.6.2 shows the following "Operating protocol: The DDC shall be factory-programmed for BACnet IP for monitoring of the unit's status and control of the unit's function." Not sure if it affects this section or not but the DDC system being installed in this building is not BACnet it is LONWorks. If for any reason we need to connect directly to the unit for monitoring purpose the unit should be LonWorks and not BACnet.

Answer: *Building management system shall be LonWorks and integrate with Westmorland/Dorchester's site building management system.*

10. Would it be possible to get the flows for the following in order to be able to size and price the valve properly.

- DHW-1, DHW-2 and DHW-3 flows
- Radiant Panel
- Heating Coils

Answer: *Exact flows for each piece of equipment to be provided with final selection of equipment.*

11. Would it be possible to get the damper sizes for EF-1 through EF-5 in order to be able to get a price.

Answer: *Dampers to match fan inlet sizes.*

12. Will the DCW meter be tied to the EMCS? If yes who is to supply this meter and if it's for the EMCS to supply would it be possible to get information on what we need to supply.

Answer: *The DCW meter is not required to tie into the EMCS.*

13. Who is to supply the energy meter shown on drawing M4.3? If it's for the EMCS to supply would it be possible to get information on what we need to supply.

Answer: *Controls contractor to supply the energy meter. Refer to Section 25 30 02, item 2.25 as indicated in this Addendum.*

14. Can 75mm domestic water service line be change to a 100mm domestic service line?

Answer: *Yes. The plumbing contractor will be required to add a valve and a reducer inside the building.*

15. Can we reduce the shafting on manholes down to 42" diameter or even 48" diameter providing we leave the bottom portion at 72" diameter and about 6'-7" in height?

Answer: *Yes.*

SPECIFICATIONS:

.1 SECTION 07 72 33 - ROOF HATCH

- .1 PART 2 - PRODUCTS, Sub-Section 2.2 HATCHES, Sentence .11 Acceptable products:

1. Add the following item to the list of acceptable products:
 - .3 Babcock Davis galvanized ship stair access ladder, model # BRHPG - personnel series.

- .2 PART 2 - PRODUCTS, Sub-Section 2.3 ROOF HATCH SAFETY RAIL SYSTEM, Sentence

1. Add the following new sub-sentence:
 - .3 Equivalent roof hatch safety rail products by Babcock Davis.

.2 SECTION 10 51 13 - LOCKERS

- .1 PART 2 - PRODUCTS, Sub-Section 2.1 MATERIALS, Sentence .11 Acceptable products:

1. Add the following item to the list of acceptable products:
 - .6 Recessed floor grille - level bed model, by Babcock Davis.

.3 SECTION 10 90 00 - SPECIALTIES

.1 PART 2 - PRODUCTS, Sub-Section 2.2 RECESSED FLOOR GRILLE, Sentence

.4 Acceptable products:

1. Add the following item to the list of acceptable products:

.5 Series F-70 DEP metal locker system, by Perfix, Boisbriand, QC.

.4 SECTION 23 25 00 HVAC WATER TREATMENT SYSTEMS:

.1 PART 2 - PRODUCTS

1. Replace item 2.4.3 with: In-line filter to be carbon steel complete with open ended cartridges and six spare filters. Standard of acceptance shall be General Filtration GO-10-3/4.

2. Item 2.8 Water Treatment for Steam Boiler:

1. Delete item 2.8.1 to 2.8.8. Equipment is included with steam boiler skid package. Water treatment specialist is to provide chemical cleaning and treatment of steam system.

3. Item 2.9 Chemicals:

1. Add item 2.9.2: Provide 50% by volume, propylene, inhibited glycol premixed with distilled water. Level of acceptance: Dowfrost 50% Inhibited Glycol.

4. Add item 2.11 Glycol Make Up Tank/Pump:

1. Provide packaged 189L tank, 120V pump (6.8 LPM) complete with starter and cut-off alarm with dry contact for connection to BMS, pressure relief valve, priming valve, and pressure gauge. Standard of acceptance: HG Spec, model GMP13050.

.5 SECTION 25 30 02 EMCS FIELD CONTROL DEVICES:

.1 PART 2 - PRODUCTS

1. Add Item 2.25 Energy Meter:

1. Impeller style BTU meter complete with dual temperature sensors and flow sensor.

2. Meter shall be suitable for hot service.

3. Standard of acceptance: Badger Series 380HS.

ARCHITECTURAL DRAWINGS

1. **Drawing A2.2 - Ground Floor Plan**

- .1 Revise layouts of food service equipment in Food Prep Room (125), Breakdown Area (122) and Ingredient Room (119) as per revisions issued by addenda and Food Service Sketches FS SK-01, and FS SK-02.

MECHANICAL DRAWINGS:

1. **Drawing M1.1 Mechanical Plumbing Foundation Plan Sanitary Piping & Legend**

1. Provide sanitary piping and relocated floor drain for new kitchen equipment sink as indicated on attached MSK-2.
2. Cook Chill Production Kitchen - Equipment List: Change #29 Quantity to 2.

2. **Drawing M1.3 Mechanical Plumbing Ground Floor Sanitary Piping**

1. Provide sanitary piping and relocated floor drain for new kitchen equipment sink as indicated on attached MSK-3.

3. **Drawing M1.4 Mechanical Plumbing Ground Floor Water Piping & Chemical Piping:**

1. Provide water service to new kitchen equipment sink as indicated on attached MSK-4.
2. Revise compressed air as indicated on attached MSK-4.
3. Add plumbing for chemicals as indicated on attached MSK-1.

4. **Drawing M3.1 Mechanical Fire Protection Basement Plan:**

1. Provide supervised shutoff valve for sprinkler piping serving Electrical Room 004. Connect to fire alarm panel.

5. **Drawing M5.1 Mechanical HVAC Ground Floor Ductwork:**

1. Exhaust ductwork from Hood #85B to EF-2 and EF-5 shall be 450x450.
2. Exhaust ductwork from Hood #85A (typical of 2) to 650x500 riser into EF-1 shall be 300x300.
3. Add Note 3: Transition from duct sizes indicated to exhaust fan inlets as required.

6. **Drawing M5.1 Mechanical HVAC Schedules:**

1. Unit Heater Schedule:
 1. Add Trane and Rittling as an approved equal.
2. Heat Exchanger Schedule:
 1. Add Alfa Laval as an approved equal.
3. Air Handling Unit Schedule:
 1. Add Trane and Engineered Air as an approved equal.
 2. Air handling unit size must match the size shown on the drawing.
4. Condensing Unit Schedule:
 1. Add Trane and Engineered Air as an approved equal.
5. Air Conditioner Schedule:
 1. Modify to Daikin/McQuay, model FAQ, 10kw cool/10kwheat, heat/cool heat pump with wall mounted evaporator and low ambient kit.
 2. Add Samsung and LG as an approved equal.
6. Fan Schedule:
 1. Add Pennbarry, Twin City Fan and Broan as an approved equal.
7. ERV Schedule:
 1. Add Aeromatic and Engineered Air as an approved equal.
8. Supply Diffuser & Grille Schedule:
 1. Add Krueger and Titus as an approved equal.
9. VAV Terminal Unit Schedule:
 1. Add Trane and Titus as an approved equal.
10. Radiant Heating Schedule:
 1. Add Rittling as an approved equal.
11. Hot Water Reheat Coil Schedule:
 2. Add York and Engineered Air as an approved equal.

ELECTRICAL DRAWINGS:

1.1 DRAWING E2.1 - Electrical Power & Communications Plans:

- .1 Revise the circuit feeding #63A Evaporator to P3-48, 50. Revise circuit breaker to 20A, 2P.
- .2 Revise the circuit feeding #5A Evaporator to P3-51, 53. Revise circuit breaker to 20A, 2P.
- .3 Relocate feeds to item #31 vegetable processor and item #33 vacuum clipper per sketch FS-SK-01. Provide one (1) additional CTP receptacle above new sink. Feed from circuit P2-14.

- .4 Each walk-in cooler and freezer requires a 120V, 15A receptacle mounted adjacent to the temperature alarm panel per drawing FS.6. Location to be coordinated with shop drawings. Provide the following receptacles and associated cct designation:

Located at Cooler #63: One (1) 15A, 1P duplex receptacle- cct P3-57

Located at Freezer #63A: One (1) 15A, 1P duplex receptacle- cct P3-57

Located at Cooler #5: One (1) 15A, 1P duplex receptacle- cct P3-59

Located at Freezer #5A: One (1) 15A, 1P duplex receptacle- cct P3-59

Located at Cooler #8: One (1) 15A, 1P duplex receptacle- cct P3-59

Located at Cooler #14: One (1) 15A, 1P duplex receptacle- cct P2-53

Located at Freezer #13: One (1) 15A, 1P duplex receptacle- cct P2-53

Located at Cooler #15: One (1) 15A, 1P duplex receptacle- cct P2-55

Located at Freezer #16: One (1) 15A, 1P duplex receptacle- cct P2-55

- .5 Provide 120V power and communication link to remote temperature alarm panel. Contractor to install the panel (supplied with cooling equipment) in the Supervisor's Office 112. Feed from local circuit. Run 2PR #18AWG in EMT from each of the local temperature alarm panels to the supervisor's remote alarm panel.

- .6 Add a 20A, 120V receptacle in the centre of the south wall of the Ingredient Room 119 for a scale. Feed from cct P3-58.

- .7 Provide one (1) additional data outlet in the Ingredient Room 119 next to one of the ctp receptacles.

1.2 **DRAWING E2.3 - Electrical Lighting Plan:**

- .1 Reference note 1 on drawing. Lights in exhaust hoods to be fed from local light circuit (unswitched).
- .2 Revise the Type L1 light fixture located above the door on the east wall to the following Type L5 light fixture: Kenall Millenium Square cat No. MS11CLPIADB20L40K 120 or equivalent.
- .3 Delete the Type L4 light fixture located on the east side of the building.

1.3 **DRAWING E2.4 - Electrical Systems and Life Safety Plans:**

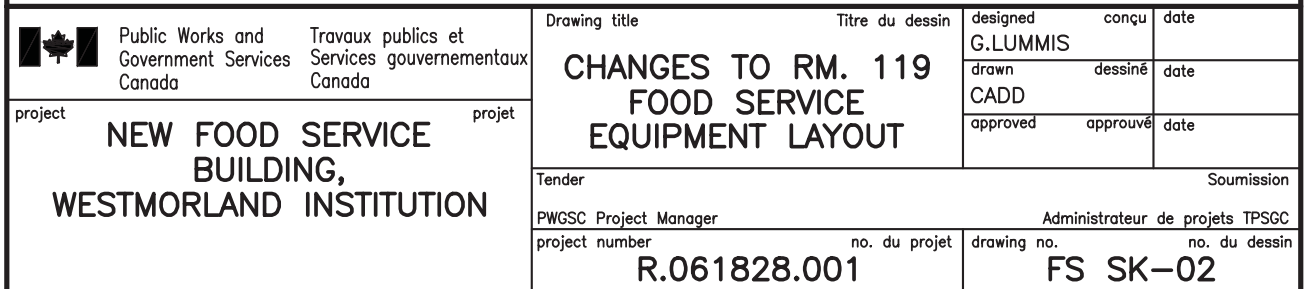
- .1 All emergency battery units and remote heads to have the "WP" designation and to be NEMA 4X rated.

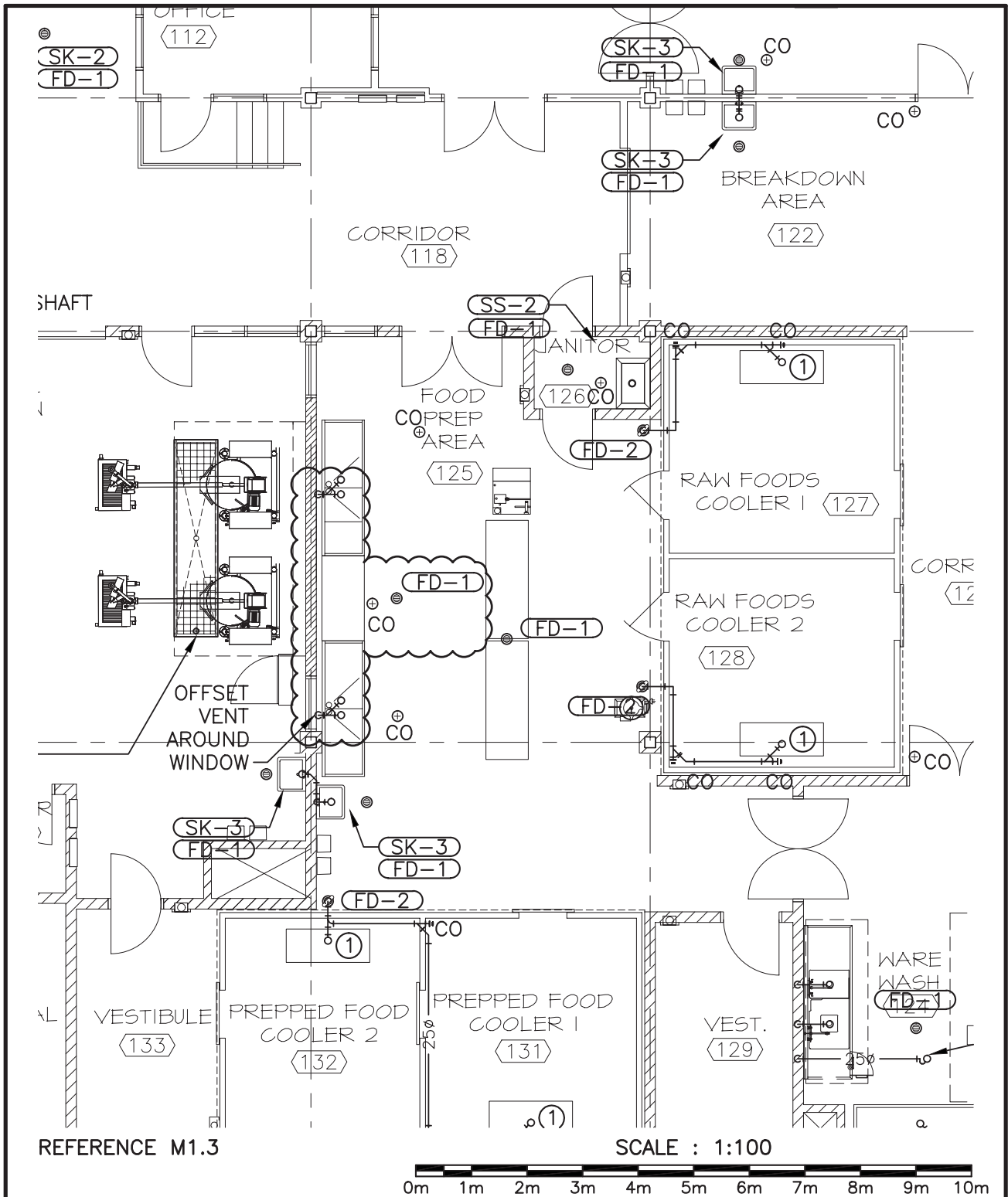
FOOD SERVICE DRAWINGS


1. **Drawing FS.1 - Ground Floor Equipment Layout and Section 11 40 20 - Food Service Custom Equipment.**
 1. Room (122) Breakdown Area:
Delete three (3) equipment item # 21 worktables, shown along wall on gridline D.
 2. Room (119) Ingredient Room - refer to sketch FS SK-02 (attached):
 1. Delete one (1) equipment item # 21 - worktable on east wall of room, and extend length of equipment item # 77 - stainless steel worktable to 3500mm.

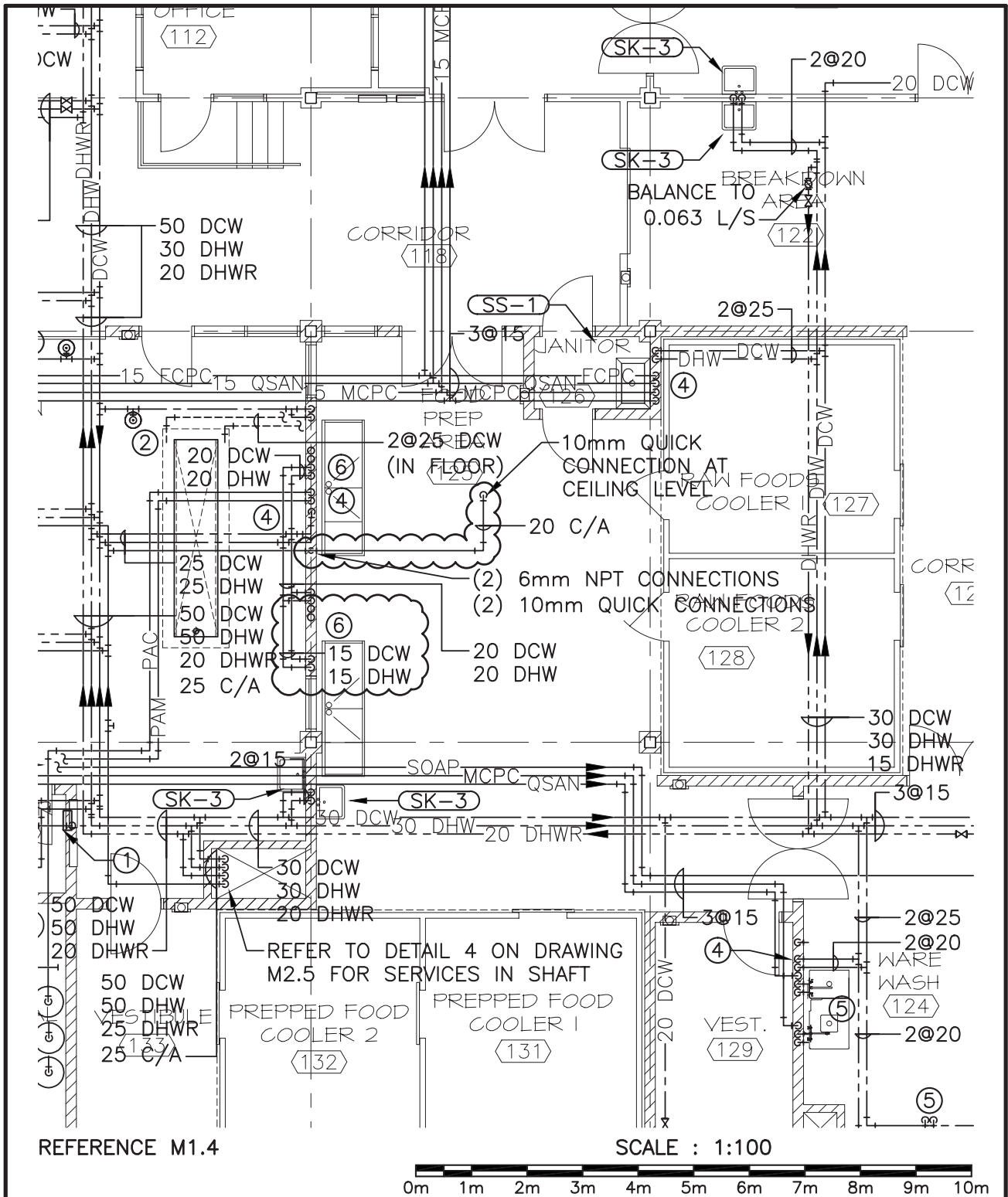
FOOD SERVICE SPECIFICATIONS


1. **Section 11 40 10 - Food Service Stock Equipment:**
 1. **PART 2 - Products, Sub-Section 2.5 Itemized Equipment:**
 - .1 Equipment item # 50:
 - .1 Quantity: Revise quantity to read " 24".
 - .2 Dimensions: Revise to read: " Eleven (11) 1524 mm x 447 mm x 1980 mm high". " Thirteen (13) 1067 mm x 447 mm x 1980 mm high".
2. **Section 11 40 20 - Food Service Custom Equipment:**
 2. **PART 2 - Products, Sub-Section 2.10 Itemized Equipment:**
 - .1 Equipment item # 77 - Dimensions: Revise dimensions to read " 915 mm high x 760 mm wide x 3500 mm long".





 <div>Public Works and Government Services Canada</div>	<div>Travaux publics et Services gouvernementaux Canada</div>	Drawing title Titre du dessin		designed MCP	conçu	date Jan.15/14
		CHANGES TO RM.125 MECHANICAL PLUMBING SANITARY GROUND FLOOR		drawn PSA	dessiné	date Jan.15/14
				approved MCP	approuvé	date Jan.15/14
				Tender Soumission		
				PWGSC Project Manager Administrateur de projets TPSGC		
project NEW FOOD SERVICE BUILDING, WESTMORLAND INSTITUTION projet		project number R.061828.001 no. du projet	drawing no. MSK-03 no. du dessin			



 Public Works and Government Services Canada	Travaux publics et Services gouvernementaux Canada	Drawing title Titre du dessin		designed conçu	date Jan.15/14
		CHANGES TO RM.125 MECHANICAL PLUMBING WATER & CHEMICAL		drawn dessiné	date Jan.15/14
project NEW FOOD SERVICE BUILDING, WESTMORLAND INSTITUTION project		Tender		approved approuvé	date Jan.15/14
		PWGSC Project Manager project number R.061828.001		Soumission Administrateur de projets TPSGC drawing no. MSK-04	