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NA

Québec

NA

**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**

Travaux publics et Services gouvernementaux Canada  
Place Bonaventure, portail Sud-Oue  
800, rue de La Gauchetière Ouest  
7<sup>e</sup> étage, suite 7300  
Montréal  
Québec  
H5A 1L6

<b>Title - Sujet</b> Shelving and lockers for DND Shelving and lockers for DND	
<b>Solicitation No. - N° de l'invitation</b> W0106-20C012/A	<b>Amendment No. - N° modif.</b> 001
<b>Client Reference No. - N° de référence du client</b> W0106-20C012	<b>Date</b> 2021-01-26
<b>GETS Reference No. - N° de référence de SEAG</b> PW-SMTA-625-16002	
<b>File No. - N° de dossier</b> MTA-0-43223 (625)	<b>CCC No./N° CCC - FMS No./N° VME</b>
<b>Solicitation Closes - L'invitation prend fin</b> <b>at - à 02:00 PM</b> Eastern Standard Time EST <b>on - le 2021-02-03</b> Heure Normale du l'Est HNE	
<b>F.O.B. - F.A.B.</b> <b>Plant-Usine:</b> <input type="checkbox"/> <b>Destination:</b> <input checked="" type="checkbox"/> <b>Other-Autre:</b> <input type="checkbox"/>	
<b>Address Enquiries to: - Adresser toutes questions à:</b> Lavoie, Corine	<b>Buyer Id - Id de l'acheteur</b> mta625
<b>Telephone No. - N° de téléphone</b> (514) 207-4777 ( )	<b>FAX No. - N° de FAX</b> ( ) -
<b>Destination - of Goods, Services, and Construction:</b> <b>Destination - des biens, services et construction:</b>	

Instructions: See Herein

Instructions: Voir aux présentes

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

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## AMENDMENT 001

The purpose of this amendment is the following:

- 1) Answer questions received.
- 2) Amend the solicitation document.
- 3) Extend the closing date of the Tender.

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## QUESTIONS / ANSWERS

### For Client A – 5RALC (Project 3)

- Q1. On the plans provided for this request, you are asking 9 back panels, however according to my calculations the following would be required:**

**Your request:**  
**9 x (4 ft x 9 ft)**

**Requirement as per the provided plans:**  
**4 x (5 ft x 9 ft)**  
**2 x (4 ft x 9 ft)**  
**2 x (5 ft x 10 ft)**

A1. We actually need 9 back panels size 4ft by 9ft for the portion B of the 3<sup>rd</sup> project (see plan) and we need 3 back panels size 4ft by 10 feet for the C portion of the 3<sup>rd</sup> project (see plan). Those back panels can be of different sizes as long as it offer a full surface in back panels  
**See amended solicitation document below (Section 9.3.9).**

- Q2. In addition, we have no weight provided. We cannot provide racking without the weight of the pallets which will allow us to calculate the capacities according to the palletizing standards and the safety regulations. It is also important to have the measurements between each level starting from the ground up. As well as the clearance between each of the cells.**

A2. Each shelf must be able to sustain a minimum of 400 kg for the project 3 of client A as mentioned in the point 9.3.11. Each cell is 48 inch tall by 108 inch long as mentioned in point 9.3.12.

**See amended solicitation document below (Section 9.3.11 and 9.3.12).**

- Q3. You are asking for an addition of 2 beams. When adding beams to an existing racking, we must ensure that it is able to support the load. Is it possible to send me the information?**

A3. For the portion A we want the same racking as those existent "RR 14ga 108" L x 1 9/16 us" as mentioned in the point 9.3.3 (see pictures).

**See amended solicitation document below (Section 9.3.3).**

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mta625  
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- Q4. According to the plan provided, you need 16 beams of 108 '' + 2 extras = 18 beams. In the request, it is registered 24 beams? Looking at the plan, it does not match your request.**  
A4. We need a total of 18 beams as mentioned in the point 9.3.3.  
[See amended solicitation document below \(Annex B\).](#)

## **Pour le Client A – 5RALC**

### **9.1 Project 1-Building 362**

- Q5. 9.1.2 You ask for 8 gauge steel (no cabinet can be made in 8 gauge, manufacturers make 18 gauge, will this do?)**  
A5. Indeed 18 gauge is acceptable.  
[See amended solicitation document below \(Section 9.1.2\).](#)
- Q6. You ask a set of levelling glides in 9.1.4.2 and you ask in 9.1.8 to be secured to the ground. Do you want to change the levelling glides for securing it to the ground?**  
A6. We want it to be fixed to the cement ground so no need for the levelling glides.  
[See amended solicitation document below \(Section 9.1.4.2\).](#)

### **9.2 Project 2 - Regimental Quartermaster, Room 129**

#### **Section 1**

- Q7. In 9.2.3 you ask for 75 inch high but you also ask for 87 inch high. What do you need?**  
A7. The height required is 75'' and the 9.2.1 point mention the space available in the room because it is permitted for contractors to offer plus or minus 2 inch product as mentioned in 9.2.8.

#### **Section 2**

- Q8. In 9.2.9 do you need 37 inch high or 41 inch high?**  
A8. We need 37 inch of high in 9.2.9.
- Q9. You ask for 4 drawers at 9.2.12 but you already have 30 inch being used. Do you want to modify the height of the drawers?**  
A9. Indeed the 9.2.12.1 point will be modified to included 3 drawer only.  
[See amended solicitation document below \(section 9.2.12.1\).](#)

#### **Section 4**

- Q10. At 9.2.24.1 you ask for a perforated Masonite but can it also be permitted to be made in steel?**  
A1. Yes this can be done in steel.  
[See amended solicitation document below \(section 9.2.24.1\).](#)
- Q11. At 9.2.24.2 you ask for 100 lbs but there is no material than can support 100 lbs. Can you allow 50 lbs instead?**  
A11. Yes 50 pounds will be accepted.  
[See amended solicitation document below \(section 9.2.24.3\).](#)

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## Pour le point Client B (Mme Taillon)– BON SVC

### 10.1 Spare Parts Project, Room 179, Building 367

#### Section 1-2-3-4

**Q12. 10.1.5 - 10.1.12 - 10.1.19 and 10.1.26 You ask gauge 12, manufacturers make caliber 14, can that do?**

A12. Yes, gauge 14 is suitable.

[See amended solicitation document below](#)

#### Section 5

**Q13. 10.1.31 You ask Caliber 20, manufacturers make gauge 20 for the shelves and gauge 14 for the rest, can that do?**

A13. Yes, gauge 20 for the shelves is suitable as well and gauge 14 for the rest is suitable to.

[See amended solicitation document below](#)

**Q14. 10.1.32 You are asking for a weight of at least 750 lbs (which means that you need reinforcement by shelf?)**

A14. No reinforcement required, capacity of 600 lbs per shelf is suitable.

[See amended solicitation document below](#)

#### Section 6

**Q15. 10.1.35.1 You ask gauge 20, manufacturers make caliber 20 for the tablets and gauge 14 for the rest, can that do?**

A15. Yes, gauge 20 for the shelves is suitable as well and gauge 14 for the rest is suitable to.

[See amended solicitation document below](#)

**Q16. 10.1.35.2 You are asking for a weight of at least 750 lbs (which means that you need reinforcement by shelf?)**

A16. No reinforcement required, capacity of 600 lbs per shelf is suitable.

[See amended solicitation document below](#)

#### Section 7

**Q17. 10.1.40 You ask gauge 20, manufacturers make gauge 20 for the shelves and gauge 14 for the rest, can that do?**

A17. Yes, gauge 20 for the shelves is suitable as well and gauge 14 for the rest is suitable to.

[See amended solicitation document below](#)

**Q18. 10.1.41 You are asking for a weight of at least 750 lbs (which means that you need reinforcement by shelf?)**

A18. No reinforcement required, capacity of 600 lbs per shelf is suitable.

[See amended solicitation document below](#)

#### Section 8

**Q19. 10.1.44.1 You ask gauge 20, manufacturers make caliber 20 for the shelves and gauge 14 for the rest, can that do?**

A19. Yes, gauge 20 for the shelves is suitable as well and gauge 14 for the rest is suitable to.

[See amended solicitation document below](#)

**Q20. 10.1.44.2 You are asking for a weight of at least 750 lbs (which means that you need reinforcement per shelf?)**

A20. No reinforcement required, capacity of 600 lbs per shelf is suitable.

[See amended solicitation document below](#)

## Section 9

**Q21. 10.1.51 You ask gauge 12, manufacturers make gauge 12 for beams and 20 for platforms, can that do?**

A21. Yes, caliber 12 is suitable for beams and gauge 20 for platforms is suitable.

[See amended solicitation document below](#)

## Section 10

**Q22. 10.1.56 You ask gauge 20, manufacturers make gauge 20 for the shelves and gauge 14 for the rest, can that do?**

A22. Yes, gauge 20 for the shelves is suitable as well and gauge 14 for the rest is suitable to.

[See amended solicitation document below](#)

**Q23. 10.1.57 You are asking for a weight of at least 750 lbs (which means that you need reinforcement by shelf?)**

A23. No reinforcement required, capacity of 600 lbs per shelf is suitable.

[See amended solicitation document below](#)

## Section 11

**Q24. 10.1.62 You ask gauge 12, manufacturers make gauge 12 for beams and 20 for platforms, can that do?**

A24. Yes, gauge 20 for the tablets is suitable as well and gauge 14 for the rest is suitable to.

[See amended solicitation document below](#)

## Section 12

**Q25. 10.1.66.1 You ask gauge 20, manufacturers make gauge 20 for the tablets and gauge 14 for the rest, can that do?**

A2. Yes, gauge 20 for the shelves is suitable as well and gauge 14 for the rest is suitable to.

[See amended solicitation document below](#)

## Section 13

**Q26. 10.1.70 and 10.1.72.1 You ask gauge 20, manufacturers make gauge 20 for the tablets and gauge 14 for the rest, can that do?**

A26. Yes, gauge 20 for the shelves is suitable as well and gauge 14 for the rest is suitable to.

[See amended solicitation document below](#)



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## CLIENT A – 5 RALC

### 9.1 Project 1-Builging 362

**Q27. For example if we look at the cabinet (a) in point 9.1.4.2 : having a set of levelling glides, on the other hand it is only one of the 12 upper cabinets. So it would be item (b) item 9.1.5 which should have the base with leveler glide. Is that what you want?**

A27. The levelling glides or not required anymore because we want the shelving to be secured to the ground.

See amended solicitation document below (Section 9.1.4.2).

**Q28. The application specifies a minimum steel of 8 gauge (8 gauge). It is very thick for this kind of application. Is this a typo? Should it be 18 gauge?**

A28. Indeed the steel gauge required is 18.

See amended solicitation document below (Section 9.1.2).

**Q29. As for the 1500 lb capacity, is this the total capacity of all shelves or does the client want to put 1500 lb of stock in each cabinet ?**

A29. 9.1.3 has been modified in order to describe in detail the need: According to the plan there are 4 shelf sections of 83 ¼ in high x 144 in wide x 30 in deep and each shelf section must support a minimum of 1500 lbs (+/- 20 lbs).

See amended solicitation document below (Section 9.1.3).

### 9.2 Project 2 - Regimental Quartermaster, Room 129

**Q30. Sections 9.2.1 and 9.2.3 require different heights. Is that the case?**

A30. The height required is 75" and the 9.2.1 point mention the space available in the room because it is permitted for contractors to offer plus or minus 2 inch product as mentioned in 9.2.8.

**Q31. In 9.2.7 you ask that the sides and backs be closed and welded. Are bolted sides and backs acceptable?**

A31. Oui nous acceptons que ce soit boulonnées et 9.2.7 va être modifié.

See amended solicitation document below (Section 9.2.7).

**Q32. 9.2.15 you are asking for a base of 4in, but with this base the total height would exceed the tolerance of 2in (so total height of more than 39in). Can we use a 2in base?**

A32. In 2.9 the 37 in high include the 4 in base.

**Q33. In 9.2.20 you ask that the sides and backs be closed and welded. Are bolted sides and backs acceptable?**

A33. Yes bolted is acceptable and 9.2.20 will be modified.

See amended solicitation document below (Section 9.2.20).

**Q34. In 9.2.22 you ask for a 39in half door, is a 51in half door acceptable?**

A34. No, it is not acceptable.

**Q35. You ask several places of the doors that the doors can be locked with padlock. Many manufacturers do not offer this possibility because they have handles with built-in locks. Is this acceptable?**

A35. No, it is not acceptable.

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mta625  
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## **AMENDMENTS TO THE SOLICITATION DOCUMENT**

### **DELETE:**

#### **2.1.2 Best Delivery Date – Bid** *(To be completed by the Bidder)*

While delivery is requested as soon as possible, the best delivery that could be offered is  
\_\_\_\_\_.

### **INSERT:**

#### **2.1.2 Best Delivery Date – Bid** *(To be completed by the Bidder)*

While delivery is requested as soon as possible, the best delivery that could be offered is  
\_\_\_\_\_. (Annex A, Section 4.4.2 installation must take place within 30 days of the contract award).

### **DELETE:**

Annex "A"

### **INSERT:**

The following Annex "A"



## **ANNEX "A"**

### **REQUIREMENT**

#### **1.0 OBJECTIVE**

This document provides the general and specific requirements for the purchase and installation of shelving and lockers for the Department of National Defence (DND).

##### **Client A – 5 RALC**

**Project 1 - Building 362 - V Bty Quartermaster, Room 119**

**Project 2 - Regimental Quartermaster, Room 129, Building 311**

**Project 3, wire shelving units in the garage for the regimental quartermaster, Building 311**

##### **Client B – 5 BON SVC**

**Spare Parts Project, Room 179, Building 367**

#### **2.0 CONTEXT**

##### **Client A – 5 RALC**

For the purposes of meeting our operational needs and making improvements, 5e Régiment d'Artillerie Légère du Canada (5 RALC) has three shelving and locker procurement projects in three different locations at Base Valcartier. The shelving and lockers will be used to secure material; no chemicals will be stored inside.

##### **Client B – 5 BON SVC**

In order to conduct a complete reorganization of the spare parts section's shelving structures and to introduce new shelving to hold the parts for the new heavy vehicle equipment, 5 Canadian Service Battalion (5 Cdn Svc Bn) has a project to procure and install shelving and lockers on the main floor.

#### **3.0 TERMINOLOGY**

CAF	Canadian Armed Forces
DND	Department of National Defence
TA	Technical Authority
5 RALC	5e Régiment d'artillerie légère du Canada
5 Cdn Svc Bn	5 Canadian Service Battalion

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## 4.0 INSTALLATION

### 4.1 Before installation, for all projects, the Contractor must:

If the Project Authority is satisfied with the below requested documentation, the Project Authority will provide the Supplier the written authority to proceed with the delivery and installation of the goods. The deliverables as part of this process will include as a minimum the following:

- 4.1.1 provide a document detailing the proposed structure for review;
- 4.1.2 provide application drawings for the loads and configuration.

### 4.2 Installation of Products

Notwithstanding General Condition 2010A - Inspection and Acceptance of the Work the following applies.

The Supplier, when issued contracts pursuant to the SA, as a minimum, must provide all of the services below for the products supplied.

- 4.2.1 If requested, move the products to the staging and/or installation site.
- 4.2.2 Unpack all pieces and inspect products for shipping damage.
- 4.2.3 Install all products in accordance with the manufacturers' specifications. The anchors and supports/bracing needed to stabilize and carry the planned weight must be included and installed.
- 4.2.4 Ensure all products function properly and when necessary make minor adjustment/repairs.
- 4.2.5 Touch up all minor nicks and scratches on the products that may have occurred during installation.
- 4.2.6 Clean the products once installed.
- 4.2.7 Clean up the installation site. It must present a neat, orderly and workmanlike appearance at all times. This activity must be accomplished by the removal of scrap material.

### 4.3 Installation location

- 4.3.1 The equipment must be installed at the centre of an indoor space, on a concrete slab that is at least 6 in. thick. However, no wall mounting is permitted; structures must be anchored to the ground.
- 4.3.2 The Contractor is responsible for validating the measurements on site before fabrication.

### 4.4 Limits and constraints

- 4.4.1 Delivery and installation must take place between 0800 and 1600 hrs, Monday to Friday, during the same work week for each project.
- 4.4.2 Installation must take place within 30 days of the contract award.

### 4.5 Before the work is completed, for all projects, the Contractor must:

Provide at least three plates measuring 12 in. x 6 in. minimum indicating, clearly and legibly:

- 4.5.1 the manufacturer's name;
- 4.5.2 the maximum permitted unit load and/or the maximum uniformly distributed load per level;
- 4.5.3 the average unit load, where applicable;
- 4.5.4 the maximum total load per bay.
- 4.5.5 Levels with several piles of unit loads must be indicated properly.

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## 5.0 INSPECT THE PRODUCTS

### Inspection and Post-Installation Deficiency Procedures

The Supplier, when issued contracts, must adhere to the following procedures:

The Supplier must notify the Project Authority when the installation is completed. Notification must be given no later than one (1) business day following completion of the installation.

The Project Authority must arrange for the initial walk-through inspection with the Supplier.

The walk-through inspection must take place no later than three (3) business days after installation is completed unless an alternate time frame has been confirmed by the Project Authority.

If the contract is for a phased installation, the walk-through inspection must take place no later than three (3) business days after the completion of each phase unless an alternative time frame has been confirmed by the Project Authority.

The Project Authority, in consultation with the Supplier, must prepare the deficiency list documenting all problems in every area.

The Project Authority must forward the deficiency list to the Supplier.

Within three (3) business days of receipt of this deficiency list, the Supplier must complete all minor deficiencies and make all adjustments not requiring new parts unless an alternate time frame has been confirmed by the Project Authority. For all other listed deficiencies, within fourteen (14) business days of receipt of the deficiencies list, the Supplier must submit, to the Project Authority, the remedial action plan showing delivery and completion dates to occur within fifteen (15) calendar days from the submission date of the remedial action plan. The Project Authority may request a shorter remedy period and the Supplier may accept, if possible. The Project Authority may, at his/her discretion also accept a longer remedial period.

The Supplier must notify the Project Authority when all deficiencies have been remedied. If the Project Authority is satisfied with the deficiency corrections, the Project Authority must provide the Supplier a final sign-off indicating that the deficiencies have been rectified.

## 6.0 APPLICABLE DOCUMENTS

The documents identified in the table below are an integral part of the statement of requirement and serve as the authoritative reference for technical questions. All other documentation is considered supplemental only. Where necessary, access to these documents may be obtained from the TA.

Document	Title
General	CSA A344.1 - User Guide for Steel Storage Racks CSA A344.2 - Standard for the Design and Construction of Steel Storage Racks
For quality of steel	CSA S16-01 - Limit States Design of Steel Structures CSA S136-01 - North American Specification for the Design of Cold-Formed Steel Structural Members.
For welding	CSA S136-01 - Appendix B and CSA S16-01 CSA W59-03 - Welded Steel Construction (Metal Arc Welding).
ISBN 978-1-55436-682-8	<a href="#">Standards Council of Canada</a> <a href="#">User Guide for Steel Storage Racks/Standard for the Design and Construction of Steel Storage Racks</a>
ISBN 2-550-44682-8 (Document available in French only)	<a href="#">Commission des normes, de l'équité, de la santé et de la sécurité du travail (CNESST) du Québec</a> <a href="#">La sécurité des palettiers : fabrication, achat, installation et utilisation</a>

## 7.0 CONTRACTOR FURNISHED EQUIPMENT AND INFORMATION

The Contractor must comply with COVID-19 health measures, including providing its employees with the necessary protective equipment.

## 8.0 DELIVERY ADDRESS

### Client A – 5 RALC

MINISTÈRE DE LA DÉFENSE NATIONALE  
Support Base Valcartier  
Courcelette (Québec) G0A 4Z0

### Client B – 5 BON SVC

MINISTÈRE DE LA DÉFENSE NATIONALE  
Valcartier Base  
Bâtisse 367, Porte 11  
Courcelette (Québec) QC, G0A 4Z0

## 9.0 TECHNICAL SPECIFICATIONS – Client A

### Client A – 5 RALC

#### 9.1 Project 1 – Building 362 - V Bty Quartermaster, Room 119

The Contractor must supply, deliver and install lockers that meet all requirements and conform to the attached plan "W0106-20C012-A\_CLIENT A-Plan-Projet 1".

The lockers must:

- 9.1.1 fit in the following available space in accordance with the plan: 144 in. wide x 30 in. deep x 83¼ in. high;
- 9.1.2 be made of a minimum of ~~8~~ 18 gauge steel;
- 9.1.3 ~~have a minimum load capacity of 1,500 lb. each (+/- 20 lb.);~~ According to the plan there are 4 shelf sections of 83 ¼ in high x 144 in wide x 30 in deep and each shelf section must support a minimum of 1500 lbs (+/- 20 lbs);
- 9.1.4 have 12 upper lockers (a) with the following dimensions: 48 in. wide x 30 in. deep x 38 in. high
  - 9.1.4.1 have a double door,
  - ~~9.1.4.2 have a set of levelling glides;~~
- 9.1.5 have 24 bottom lockers (b) with the following dimensions: 24 in. wide x 30 in. deep x 45¼ in. high
  - 9.1.5.1 have a single door,
  - 9.1.5.2 have an adjustable shelf;
- 9.1.6 have capacity to be locked with padlock (padlock not included in this request);
- 9.1.7 have bottom lockers (b) installed on the ground with upper lockers (a) installed on top of the bottom lockers;
- 9.1.8 be secured to the concrete floor;
- 9.1.9 The depth and height of the lockers may vary +/- 2 in. from the requested dimensions. The width must be what is requested.

#### 9.2 Project 2 - Regimental Quartermaster, Room 129, Building 311

The Contractor must supply, deliver and install shelving that meets all the requirements and conforms to the attached plan "W0106-20C012-A\_CLIENT A-Plan-Projet 2".

**Section 1** - One row of two adjoining shelving sections with a bank of drawers.

The shelving must:

- 9.2.1 fit in the following available space in accordance with the plan: 97¾ in. wide x 24¼ in. deep x 87 in. high;
- 9.2.2 be in two sections;
- 9.2.3 have the following dimensions for each section: 48 in. wide x 24 in. deep x 75 in. high (+/- 2 in.);
- 9.2.4 have 4 drawers measuring 48 in. wide x 24 in. deep x 12 in. high, with a divider in each drawer;
- 9.2.5 have a bank of four 12-in. high drawers;
- 9.2.6 have 3 fixed shelves measuring 48 in. wide x 24 in. deep;
- 9.2.7 have closed back and sides that are welded or bolted.
- 9.2.8 Tolerance of +/- 2 in. of dimensions requested in 9.2.3 to 9.2.6

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## Section 2 - Workstation

The workstation must:

- 9.2.9 fit in the following available space in accordance with the plan: 84 in. wide x 24 in. deep x 37 in. high;
- 9.2.10 have a laminated wood top measuring 84 in. wide x 24 in. deep x 1¾ in. high;
- 9.2.11 have an open leg 21 in. deep x 34 in. high with 9-in. adjustable leg extension;
- 9.2.12 have an L-shaped cabinet measuring 18 in. wide x 21 in. deep x 34 in. high, fixed, with a base measuring 18 in. wide x 21 in. deep x 34 in. high
  - 9.2.12.1 have 3 4-drawers;
- 9.2.13 have 1 drawer measuring 18 in. wide x 21 in. deep x 6 in. high without compartments;
- 9.2.14 have 2 drawers 18 in. wide x 21 in. deep x 12 in. high without compartments;
- 9.2.15 have a base measuring 18 in. wide x 21 in. deep x 4 in. high;
- 9.2.16 have everything necessary for installation.
- 9.2.17 Tolerance of +/- 2 in. of dimensions requested in 9.2.10 to 9.2.15

## Section 3 - Separate shelving unit

The shelving unit must:

- 9.2.18 fit in the following available space in accordance with the plan: 49¾ in. wide x 24¼ in. deep x 75 in. high;
- 9.2.19 be the following dimensions: 48 in. wide x 24 in. deep x 75 in. high;
- 9.2.20 have closed back and sides welded or bolted.;
- 9.2.21 have 5 shelves (3 fixed and 2 adjustable);
- 9.2.22 have a 39-in high half-door with the capacity to be locked with a padlock (padlock not included in this request).
- 9.2.23 Tolerance of +/- 2 in. of dimensions requested in 9.2.19 and 9.2.22

## Section 4

- 9.2.24 6 wall-mounted pegboards, 16 in. wide x 48 in. high
  - 9.2.24.1 Must be made of perforated Masonite or made of steel
  - 9.2.24.2 The holes must be compatible with 3-in. double-back double hooks
  - 9.2.24.3 Must be able to support a total weight of 50 400-lb. minimum per panel
- 9.2.25 Two finishing pieces measuring 48 in. high for wall-mounted pegboards
- 9.2.26 40 3-in. double-back double hooks
- 9.2.27 Panels must be secured to the wall
- 9.2.28 Tolerance of +/- 2 in. of dimensions requested

### 9.3 Project 3, wire shelving units in the garage for the regimental quartermaster, Building 311

The Contractor shall supply, deliver and install steel wire shelving that meets all the requirements and conforms to the attached plan.

The shelving must:

- 9.3.1 be 14 gauge;
- 9.3.2 have 1 in. to 3 in. mesh;
- 9.3.3 have ~~24~~ 16 box beams measuring 108 in. high by 1 $\frac{1}{16}$  in. in depth by 4  $\frac{1}{4}$  in. wide, for the portion B (see plan) and 2 beams RR 14 ga 108 in. high by 2 in. depth by 3  $\frac{1}{4}$  in. wide for the existing shelving in portion A (see plan and pictures).
- 9.3.4 have 4 box beams measuring 120 in. high by 1 $\frac{1}{16}$  in. in depth by 6 in. wide;
- 9.3.5 have 3 posts measuring 144 in. high x 36 in. deep;
- 9.3.6 have 3 posts measuring 168 in. high x 36 in. deep;
- 9.3.7 have 48 safety bars measuring 36 in. wide;
- 9.3.8 have a steel folding barrier measuring 10-12 in. wide x 8-8 $\frac{1}{2}$  in. high;
- 9.3.9 have back guards for pallet shelving measuring 4 ft. x 9 ft. (rear screen).  
for the B portion of the project and 3 back panels of 4 ft by 10 ft for the C portion of the project (see plan). Those panels could be of different sizes as long as they cover fully the back of the shelf.
- 9.3.10 Tolerance of +/- 2 in. of dimensions requested in 9.3.2 to 9.3.9
- 9.3.11 Each shelf must be able to sustain 400kg.
- 9.3.12 Each shelf will be at 48 in high by 108 inch wide.

## 10.0 TECHNICAL SPECIFICATIONS – Client B

### Client B – 5 BON SVC

#### 10.1 Spare Parts Project, Room 179, Building 367

The Contractor must design, supply, deliver and install metal shelving, shelves, drawers and beams that meet all the requirements and conform to the plans « W0106-20C012-A\_CLIENT B-Plan 1 » and « W0106-20C012-A\_CLIENT B-Plan 2 »..

#### SECTION 1 - One row of two (2) adjoining mini-shelving units

The shelving must:

- 10.1.1 fit in the following available space in accordance with the plan: 181 $\frac{3}{4}$  in. wide x 36 $\frac{1}{2}$  in. deep x 87 in. high;
- 10.1.2 have one (1) section measuring 84 in. wide x 36 in. deep x 87 in. high;
- 10.1.3 have a second section measuring 96 in. wide x 36 in. deep x 87 in. high;
- 10.1.4 have 5 levels of adjustable beams with steel decking for each section.
- 10.1.5 be made of a minimum 14 ~~42~~ gauge steel;
- 10.1.6 have a load capacity of 1,225 lb.
- 10.1.7 Tolerance of +/- 2 in. of dimensions requested in 10.2.2 and 10.2.3



## SECTION 2 - Row of two (2) adjoining mini-shelving units

- 10.1.8 Fit in the following available space in accordance with the plan: 133¾ in. wide x 36½ in. deep x 87 in. high.
- 10.1.9 Have one (1) section measuring 60 in. wide x 36 in. deep x 87 in. high.
- 10.1.10 Have a second section measuring 72 in. wide x 36 in. deep x 87 in. high.
- 10.1.11 Have 5 levels of adjustable beams with steel decking for each section.
- 10.1.12 Be made of a minimum 14 ~~12~~-gauge steel;
- 10.1.13 Have a load capacity of 1,600 lb.
- 10.1.14 Tolerance of +/- 2 in. of dimensions requested in 10.2.9 and 10.2.10

## SECTION 3 - Row of two (2) adjoining mini-shelving units

- 10.1.15 Fit in the following available space in accordance with the plan: 127¾ in. wide x 36½ in. deep x 87 in. high.
- 10.1.16 Have one (1) section measuring 60 in. wide x 36 in. deep x 87 in. high.
- 10.1.17 Have a second section measuring 66 in. wide x 36 in. deep x 87 in. high.
- 10.1.18 Have 5 levels of adjustable beams with steel decking for each section.
- 10.1.19 Be made of a minimum 14 ~~12~~-gauge steel.
- 10.1.20 Have a load capacity of 1,225 lb.
- 10.1.21 Tolerance of +/- 2 in. of dimensions requested in 10.2.16 and 10.2.17

## SECTION 4 - Island of 16 shelving units and 1 back-to-back mini-shelving unit

- 10.1.22 Fit in the following available space in accordance with the plan: 481¾ in. wide x 48½ in. deep x 87 in. high.
- 10.1.23 Have 16 shelving sections measuring 48 in. wide x 24 in. deep x 87 in. high (open back and sides, 2-in. front base) with 7 shelves (2 fixed and 5 adjustable) per section.
- 10.1.24 Have one (1) section measuring 96 in. wide x 48 in. deep x 87 in. high.
- 10.1.25 Have 5 levels of adjustable beams with steel decking for each section.
- 10.1.26 Be made of a minimum 14 ~~12~~-gauge steel.
- 10.1.27 Have a load capacity of 1,225 lb.
- 10.1.28 Tolerance of +/- 2 in. of dimensions requested in 10.2.23 and 10.2.24

## SECTION 5 - Separate shelving unit

- 10.1.29 Fit in the following available space in accordance with the plan: 49¾ in. wide x 24¼ in. deep x 87 in. high.
- 10.1.30 Have one (1) section measuring 48 in. wide x 24 in. deep x 87 in. high (open sides and back, 2-in. front base), 7 shelves (2 fixed and 5 adjustable) per section.
- 10.1.31 Be made of 20-gauge steel minimum for the shelves and gauge 14 for the rest
- 10.1.32 Have a load capacity of 600 ~~750~~ lbs per shelf
- 10.1.33 Tolerance of +/- 2 in. of dimensions requested in 10.2.30

## SECTION 6 - Row of 4 adjoining shelving units with drawers

- 10.1.34 Fit in the following available space in accordance with the plan: 193¾ in. wide x 24¼ in. deep x 87 in. high.
- 10.1.35 Have four (4) sections measuring 48 in. wide x 24 in. deep x 87 in. high (open sides and back, 2-in. front base), 4 shelves (3 fixed and 1 adjustable) per section
- 10.1.35.1 Must be 20 gauge minimum for the shelves and gauge 14 for the rest
- 10.1.35.2 Must have a load capacity of 600 ~~750~~ lbs per shelf

- 10.1.36 Have a bank of seven (7) drawers measuring 48 in. high
  - 10.1.36.1 6 drawers, 6 in. high with 12 compartments
  - 10.1.36.2 1 drawer, 12 in. high without compartments
  - 10.1.36.3 The drawers must 18 gauge,
  - 10.1.36.4 The drawers must have a 400 lb. capacity.
- 10.1.37 Tolerance of +/- 2 in. of dimensions requested in 10.2.35 and 10.2.36

#### SECTION 7 - Island of 6 back-to-back shelving units

- 10.1.38 Fit in the following available space in accordance with the plan: 145¾ in. wide x 48½ in. deep x 87 in. high.
- 10.1.39 Have six (6) shelving sections measuring 48 in. wide x 24 in. deep x 87 in. high (closed sides and back, 2-in. front base), 7 shelves (2 fixed and 5 adjustable) per section.
- 10.1.40 Be made of 20-gauge steel **minimum for the shelves and gauge 14 for the rest**
- 10.1.41 Have a load capacity of **600 750 lbs per shelf**
- 10.1.42 Tolerance of +/- 2 in. of dimensions requested in 10.2.39

#### SECTION 8 - Row of 3 adjoining shelving units with drawers

- 10.1.43 Fit in the following available space in accordance with the plan: 145¾ in. wide x 24¼ in. deep x 87 in. high.
- 10.1.44 Have three (3) sections measuring 48 in. wide x 24 in. deep x 87 in. high (2-in. front base) 4 shelves (3 fixed and 1 adjustable) per section
  - 10.1.44.1 Must be 20 gauge **minimum for the shelves and gauge 14 for the rest**
  - 10.1.44.2 Must have a load capacity of **600 750 lbs per shelf**
- 10.1.45 Have one (1) bank of seven (7) drawers measuring 48 in. high per section
  - 10.1.45.1 6 drawers, 6 in. high with 12 compartments
  - 10.1.45.2 1 drawer, 12 in. high without compartments
  - 10.1.45.3 The drawers must 18 gauge,
  - 10.1.45.4 The drawers must have a 400 lb. capacity.
- 10.1.46 Tolerance of +/- 2 in. of dimensions requested in 10.2.44 and 10.2.45

#### SECTION 9 - Row of two (2) adjoining mini-shelving units

- 10.1.47 Fit in the following available space in accordance with the plan: 127¾ in. wide x 36 ½ in. deep x 87 in. high.
- 10.1.48 Have one (1) section measuring 60 in. wide x 36 in. deep x 87 in. high.
- 10.1.49 Have a second section measuring 66 in. wide x 36 in. deep x 87 in. high.
- 10.1.50 Have 5 levels of adjustable beams with steel decking for each section.
- 10.1.51 Be made of 12-gauge steel **minimum for beams and gauge 20 minimum for platforms**
- 10.1.52 Have a load capacity of 1,600 lb.
- 10.1.53 Tolerance of +/- 2 in. of dimensions requested in 10.2.9 and 10.2.10

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SECTION 10 - Row of three (3) adjoining shelving units

- 10.1.54 Fit in the following available space in accordance with the plan: 145¾ in. wide x 24¼ in. deep x 87 in. high
- 10.1.55 Have three (3) sections measuring 48 in. wide x 24 in. deep x 87 in. high (open sides and back, 2-in. front base) 7 shelves (2 fixed and 5 adjustable) per section.
- 10.1.56 Be made of 20-gauge steel **minimum for the shelves and gauge 14 for the rest**
- 10.1.57 Have a load capacity of **600 750 lbs per shelf**
- 10.1.58 Tolerance of +/- 2 in. of dimensions requested in 10.2.55

SECTION 11 - Row of two (2) adjoining mini-shelving units

- 10.1.59 Fit in the following available space in accordance with the plan: 133¾ in. wide x 24½ in. deep x 87 in. high.
- 10.1.60 Have two (2) sections measuring 66 in. wide x 24 in. deep x 87 in. high.
- 10.1.61 Have 5 levels of adjustable beams with steel decking for each section.
- 10.1.62 Be made of 12-gauge steel **minimum for beams and gauge 20 minimum for platforms**
- 10.1.63 Have a load capacity of 1,600 lb.
- 10.1.64 Tolerance of +/- 2 in. of dimensions requested in 10.2.60

SECTION 12 - Row of six (6) adjoining shelving units with drawers

- 10.1.65 Fit in the following available space in accordance with the plan: 289¾ in. wide x 24¼ in. deep x 87 in. high.
- 10.1.66 Have six (6) sections measuring 48 in. wide x 24 in. deep x 87 in. high (closed back and sides, 2-in. front base) 4 shelves (3 fixed and 1 adjustable) per section
  - 10.1.66.1 Must be 20 gauge **minimum for the shelves and gauge 14 for the rest**
  - 10.1.66.2 Must have a load capacity of 1,225 lb.
- 10.1.67 Have one (1) bank of seven (7) drawers measuring 48 in. high per section
  - 10.1.67.1 Drawers, 6 in. high with 12 compartments
  - 10.1.67.2 1 drawer, 12 in. high without compartments
  - 10.1.67.3 The drawers must 18 gauge,
  - 10.1.67.4 The drawers must have a 400 lb. capacity.
- 10.1.68 Tolerance of +/- 2 in. of dimensions requested in 10.2.66 and 10.2.67

SECTION 13 - Row of five (5) adjoining shelving units with drawers

- 10.1.69 Fit in the following available space in accordance with the plan: 205¾ in. wide x 24¼ in. deep x 87 in. high.
- 10.1.70 Have three (3) sections measuring 48 in. wide x 24 in. deep x 87 in. high (closed back and sides, 2-in. front base) 4 shelves (3 fixed and 1 adjustable) per section
  - 10.1.70.1 Must be 20 gauge **minimum for the shelves and gauge 14 for the rest**
  - 10.1.70.2 Must have a load capacity of 1,225 lb.
- 10.1.71 Have one (1) bank of seven (7) drawers measuring 48 in. high per section

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- 10.1.71.1 6 drawers, 6 in. high with 12 compartments
  - 10.1.71.2 1 drawer, 12 in. high without compartments
  - 10.1.71.3 The drawers must 18 gauge,
  - 10.1.71.4 The drawers must have a 400 lb. capacity.
  - 10.1.72 Have two (2) sections measuring 30 in. wide x 24 in. deep x 87 in. high (closed back and sides, 2-in. front base) 4 shelves (3 fixed and 1 adjustable) per section
    - 10.1.72.1 Must be 20 gauge **minimum for the shelves and gauge 14 for the rest**
    - 10.1.72.2 Must have a load capacity of 1,225 lb.
  - 10.1.73 Have one (1) bank of seven (7) drawers measuring 48 in. high per section
    - 10.1.73.1 6 drawers, 6 in. high with 12 compartments
    - 10.1.73.2 1 drawer, 12 in. high without compartments
    - 10.1.73.3 The drawers must 18 gauge,
    - 10.1.73.4 The drawers must have a 400 lb. capacity.
  - 10.1.74 Colour to be determined at the time of the order.
  - 10.1.75 Tolerance of +/- 2 in. of dimensions requested in 10.2.70 to 10.2.73

**DELETE:** Table C of Annex "B"

**INSERT:**

Table C					
<b>CLIENT A – 5 RALC</b> <b>Project 3, wire shelving units in the garage for the regimental quartermaster, Building 311</b>					
ART #	DESCRIPTION	QTY	UNIT	FIRME UNIT PRICE	TOTAL PRICE (qty x unit price)
1	<b>Box beams</b> 108 in. high by 1 $\frac{9}{16}$ in. in depth by 4 $\frac{1}{4}$ in. wide	<del>24</del> 16	EACH	\$	\$
1.1	<b>Box beams</b> 108 in. high by 2 in. in depth by 3 $\frac{1}{4}$ in. wide	2	EACH	\$	\$
2	<b>Box beams</b> 120 in. high by 1 $\frac{9}{16}$ in. in depth by 6 in. wide	4	EACH	\$	\$
3	<b>Posts</b> 144 in. high x 36 in. deep	3	EACH	\$	\$
4	<b>Posts</b> 168 in. high x 36 in. deep	3	EACH	\$	\$
5	<b>Safety Bars</b> 36 in. wide	48	EACH	\$	\$
6	<b>Steel folding barrier</b> 10-12 in. wide x 8-8 $\frac{1}{2}$ in. high	1	EACH	\$	\$
7	<b>Back guards for pallet shelving</b> 4 ft. x 9 ft. (rear screen)	9	EACH		
8	<b>Installation Costs</b> (including all that's necessary for the installation)	1	LOT	\$	\$
9	<b>Shipping Costs</b>	1	LOT	\$	\$
Total (1+1.1+2+3+4+5+6+7+8+9)					\$

**ALL OTHER TERMS AND CONDITIONS REMAIN UNCHANGED.**